

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072922\  
 Data File : VN073638.D  
 Acq On : 29 Jul 2022 16:34  
 Operator : JC\MD  
 Sample : VN0729WBS02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0729WBS02

Quant Time: Aug 01 04:05:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072822W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 29 02:20:25 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.022  | 168  | 340458   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.904  | 114  | 561658   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.686 | 117  | 516833   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.615 | 152  | 234964   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.375  | 65    | 220329   | 53.104   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 106.200% |      |
| 35) Dibromofluoromethane    | 7.951  | 113   | 182352   | 51.704   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 103.400% |      |
| 50) Toluene-d8              | 10.380 | 98    | 738745   | 53.229   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 106.460% |      |
| 62) 4-Bromofluorobenzene    | 12.674 | 95    | 228569   | 49.408   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 98.820%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.046 | 85  | 65293  | 19.773  | ug/l   | 99  |
| 3) Chloromethane             | 2.269 | 50  | 92822  | 21.983  | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.404 | 62  | 116197 | 20.119  | ug/l   | 97  |
| 5) Bromomethane              | 2.804 | 94  | 66080  | 19.728  | ug/l   | 97  |
| 6) Chloroethane              | 2.969 | 64  | 75450  | 21.172  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.310 | 101 | 145377 | 24.424  | ug/l   | 96  |
| 8) Diethyl Ether             | 3.763 | 74  | 43913  | 19.648  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 4.140 | 101 | 66597  | 20.223  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.351 | 142 | 66854  | 19.970  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 5.292 | 59  | 92182  | 103.020 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.116 | 96  | 63877  | 19.775  | ug/l   | 95  |
| 13) Acrolein                 | 3.987 | 56  | 80202  | 90.410  | ug/l   | 97  |
| 14) Allyl chloride           | 4.763 | 41  | 97045  | 18.791  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.475 | 53  | 256346 | 103.567 | ug/l   | 99  |
| 16) Acetone                  | 4.228 | 43  | 214437 | 96.226  | ug/l   | 100 |
| 17) Carbon Disulfide         | 4.457 | 76  | 164922 | 19.256  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.781 | 43  | 111151 | 20.048  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.539 | 73  | 228763 | 20.730  | ug/l   | 100 |
| 20) Methylene Chloride       | 5.010 | 84  | 85724  | 22.569  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.516 | 96  | 70218  | 20.081  | ug/l   | 95  |
| 22) Diisopropyl ether        | 6.416 | 45  | 226619 | 20.340  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.351 | 43  | 954097 | 102.137 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.310 | 63  | 135717 | 19.800  | ug/l   | 98  |
| 25) 2-Butanone               | 7.263 | 43  | 346747 | 100.193 | ug/l   | 97  |
| 26) 2,2-Dichloropropane      | 7.251 | 77  | 91150  | 17.284  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.251 | 96  | 84157  | 19.534  | ug/l   | 96  |
| 28) Bromochloromethane       | 7.586 | 49  | 58018  | 20.159  | ug/l   | 97  |
| 29) Tetrahydrofuran          | 7.616 | 42  | 230805 | 105.483 | ug/l   | 99  |
| 30) Chloroform               | 7.745 | 83  | 142700 | 19.982  | ug/l   | 97  |
| 31) Cyclohexane              | 8.022 | 56  | 118808 | 19.234  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 7.939 | 97  | 121651 | 20.515  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.151 | 75  | 98124  | 19.521  | ug/l   | 100 |
| 37) Ethyl Acetate            | 7.339 | 43  | 134046 | 20.249  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.133 | 117 | 98993  | 19.390  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.398 | 83  | 116395 | 19.377  | ug/l   | 99  |
| 40) Benzene                  | 8.392 | 78  | 323019 | 19.789  | ug/l   | 99  |

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 Sample : VN0729WBS02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0729WBS02

Quant Time: Aug 01 04:05:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072822W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 29 02:20:25 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.569  | 41   | 59032    | 19.707  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.469  | 62   | 108690   | 19.758  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.492  | 43   | 182825   | 20.447  | ug/l   | 98       |
| 44) Trichloroethene           | 9.151  | 130  | 82269    | 19.875  | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 9.427  | 63   | 80889    | 19.826  | ug/l   | 99       |
| 46) Dibromomethane            | 9.516  | 93   | 57273    | 20.226  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.704  | 83   | 108177   | 19.904  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.498  | 41   | 77069    | 19.691  | ug/l # | 87       |
| 49) 1,4-Dioxane               | 9.510  | 88   | 48114    | 436.101 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.274 | 43   | 675058   | 105.262 | ug/l   | 99       |
| 52) Toluene                   | 10.445 | 92   | 207339   | 20.796  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.663 | 75   | 104745   | 19.509  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.127 | 75   | 118005   | 19.504  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.839 | 97   | 86502    | 20.806  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.704 | 69   | 121248   | 21.159  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.986 | 76   | 140005   | 19.848  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.986  | 63   | 298885   | 104.588 | ug/l   | 97       |
| 59) 2-Hexanone                | 11.027 | 43   | 516187   | 106.237 | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.180 | 129  | 83962    | 20.299  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.286 | 107  | 86073    | 20.101  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.916 | 164  | 84317    | 20.528  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.710 | 112  | 212913   | 19.395  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.786 | 131  | 79203    | 20.115  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.786 | 91   | 374958   | 20.246  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.898 | 106  | 290810   | 41.170  | ug/l   | 100      |
| 69) o-Xylene                  | 12.221 | 106  | 144528   | 20.987  | ug/l   | 99       |
| 70) Styrene                   | 12.233 | 104  | 234068   | 21.233  | ug/l   | 98       |
| 71) Bromoform                 | 12.398 | 173  | 64908    | 19.971  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.521 | 105  | 365827   | 21.269  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.333 | 43   | 135023   | 20.777  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.768 | 83   | 129391   | 19.495  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.821 | 75   | 162673   | 36.951  | ug/l   | 43       |
| 77) Bromobenzene              | 12.804 | 156  | 91469    | 20.421  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.863 | 91   | 409604   | 21.165  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.951 | 91   | 248961   | 20.611  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.998 | 105  | 304380   | 21.504  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.568 | 75   | 34508    | 19.033  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 13.045 | 91   | 238031   | 20.792  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.263 | 119  | 272526   | 21.737  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.310 | 105  | 303216   | 21.786  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.445 | 105  | 370620   | 21.388  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.557 | 119  | 297588   | 21.785  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.557 | 146  | 163155   | 19.956  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.633 | 146  | 162104   | 19.816  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.886 | 91   | 225257   | 20.267  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.151 | 117  | 55578    | 20.507  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.927 | 146  | 169724   | 20.486  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.545 | 75   | 27793    | 20.841  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.198 | 180  | 81579    | 19.828  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.304 | 225  | 45540    | 20.360  | ug/l   | 97       |
| 95) Naphthalene               | 15.433 | 128  | 289076   | 21.652  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.627 | 180  | 90363    | 20.868  | ug/l   | 99       |

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Data File : VN073638.D  
Acq On : 29 Jul 2022 16:34  
Operator : JC\MD  
Sample : VN0729WBS02  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 13 Sample Multiplier: 1

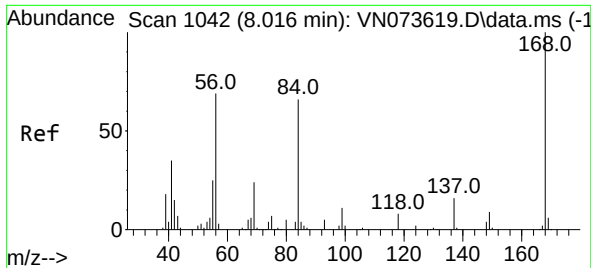
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

Quant Time: Aug 01 04:05:48 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072822W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 29 02:20:25 2022  
Response via : Initial Calibration

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

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

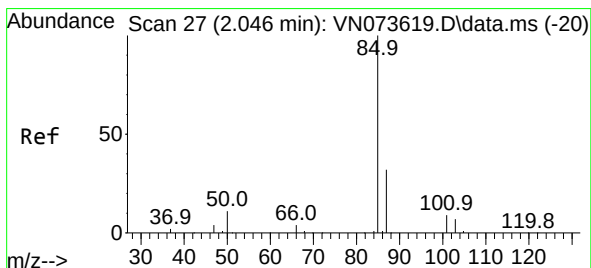
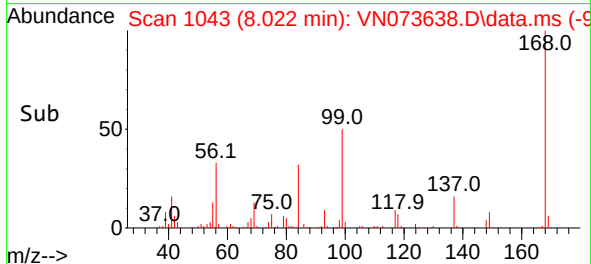
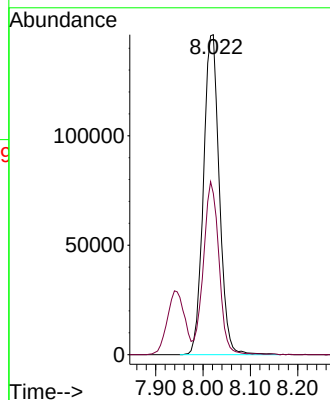
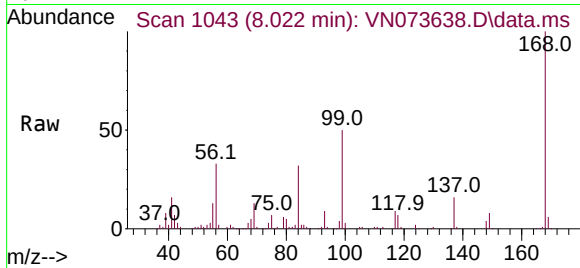




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.022 min Scan# 1043  
Delta R.T. 0.006 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

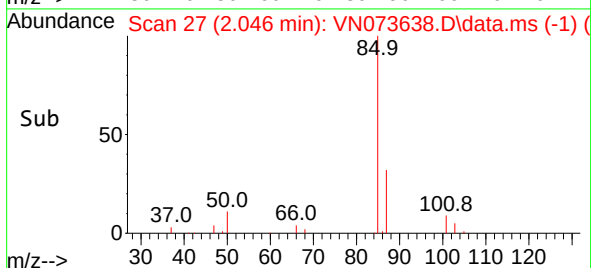
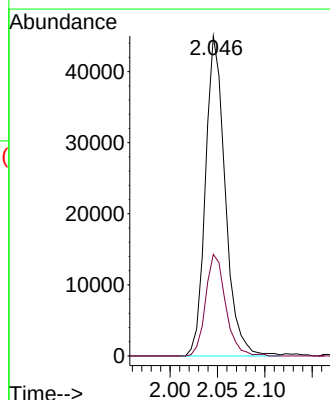
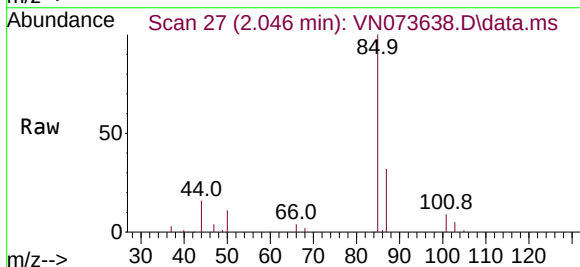
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

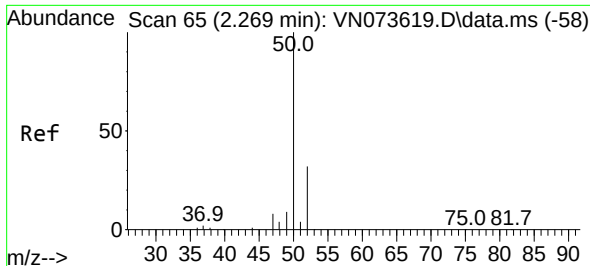
Tgt Ion:168 Resp: 340458  
Ion Ratio Lower Upper  
168 100  
99 50.4 42.3 63.5



#2  
Dichlorodifluoromethane  
Concen: 19.773 ug/l  
RT: 2.046 min Scan# 27  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion: 85 Resp: 65293  
Ion Ratio Lower Upper  
85 100  
87 31.8 15.7 47.1

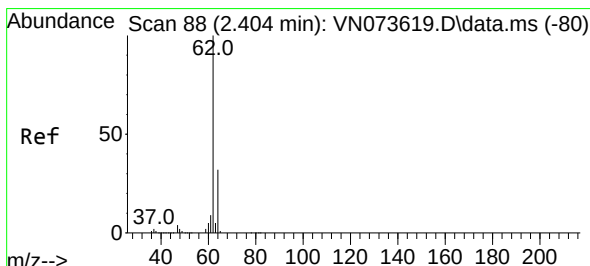
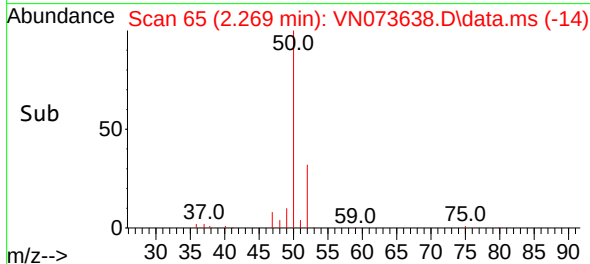
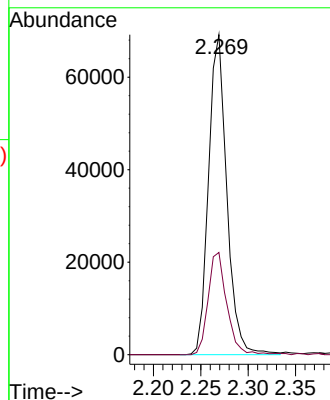
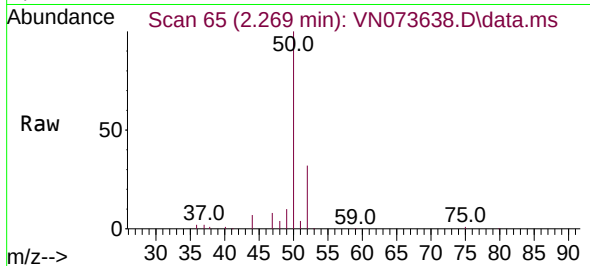




#3  
Chloromethane  
Concen: 21.983 ug/l  
RT: 2.269 min Scan# 65  
Delta R.T. 0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

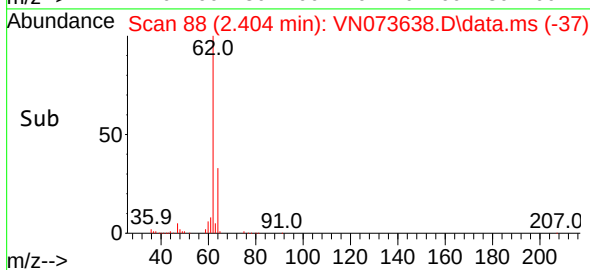
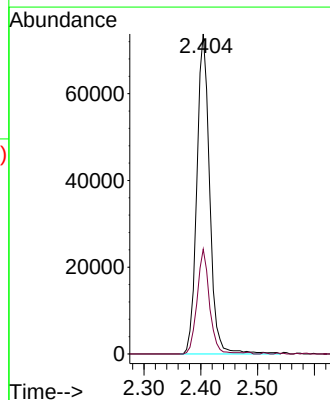
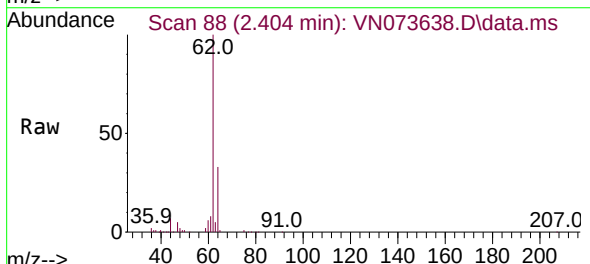
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

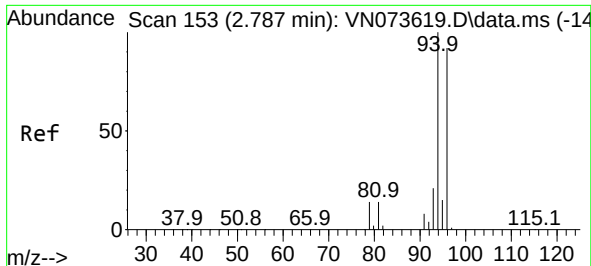
Tgt Ion: 50 Resp: 92822  
Ion Ratio Lower Upper  
50 100  
52 32.0 25.7 38.5



#4  
Vinyl Chloride  
Concen: 20.119 ug/l  
RT: 2.404 min Scan# 88  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion: 62 Resp: 116197  
Ion Ratio Lower Upper  
62 100  
64 32.8 25.0 37.4

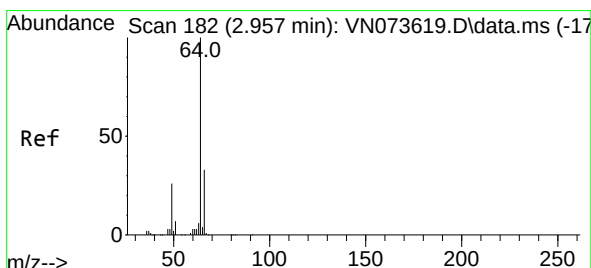
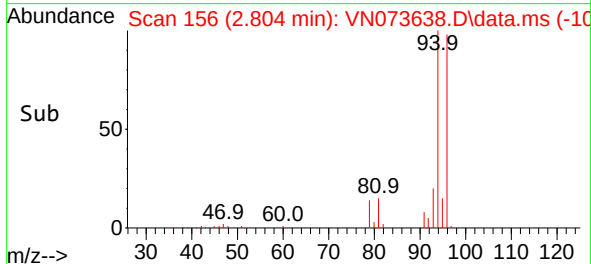
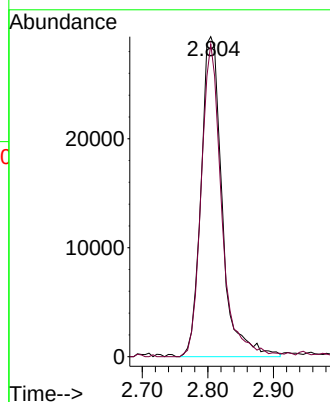
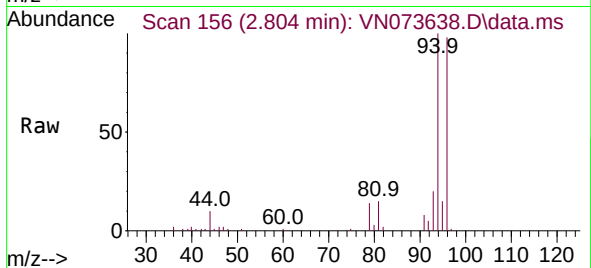




#5  
Bromomethane  
Concen: 19.728 ug/l  
RT: 2.804 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

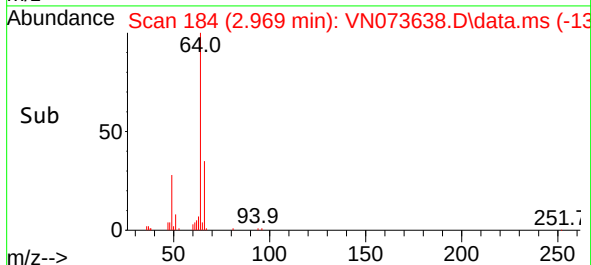
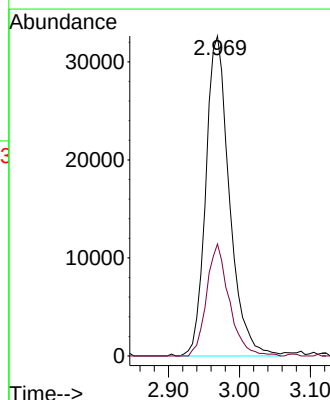
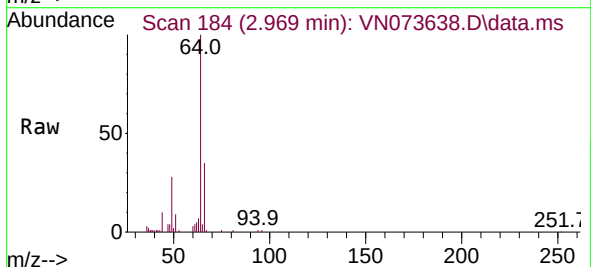
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

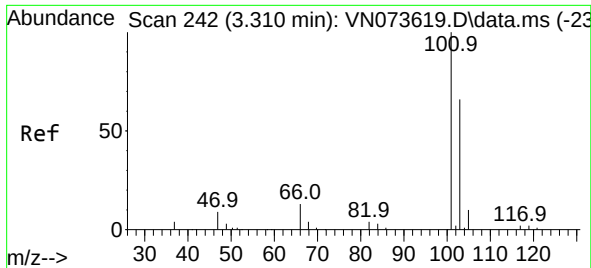
Tgt Ion: 94 Resp: 66080  
Ion Ratio Lower Upper  
94 100  
96 97.7 76.0 114.0



#6  
Chloroethane  
Concen: 21.172 ug/l  
RT: 2.969 min Scan# 184  
Delta R.T. 0.012 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion: 64 Resp: 75450  
Ion Ratio Lower Upper  
64 100  
66 35.0 26.2 39.4

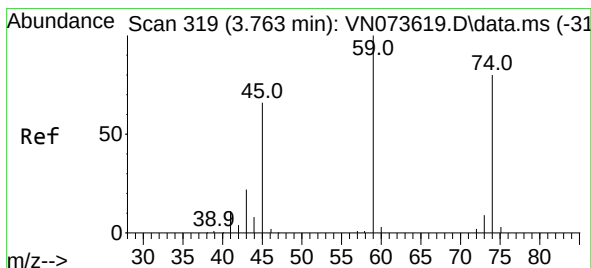
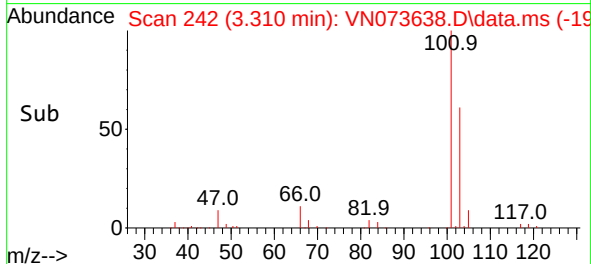
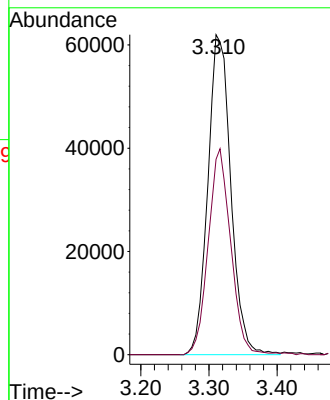
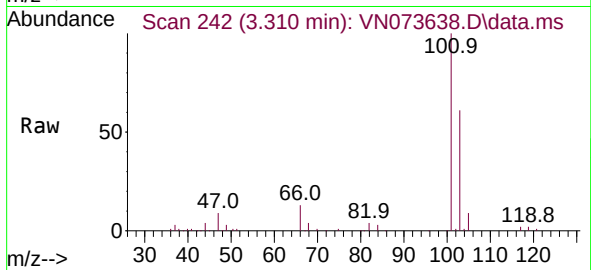




#7  
 Trichlorofluoromethane  
 Concen: 24.424 ug/l  
 RT: 3.310 min Scan# 242  
 Delta R.T. -0.000 min  
 Lab File: VN073638.D  
 Acq: 29 Jul 2022 16:34

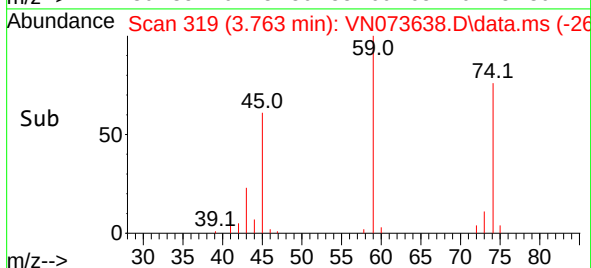
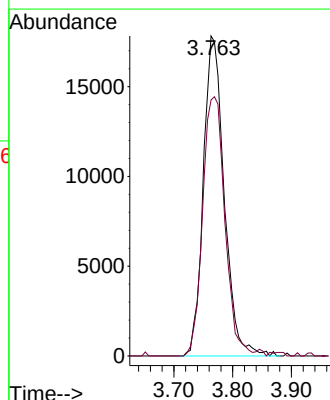
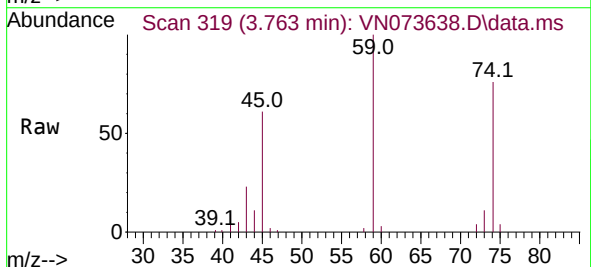
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0729WBS02

Tgt Ion:101 Resp: 145377  
 Ion Ratio Lower Upper  
 101 100  
 103 61.0 51.5 77.3

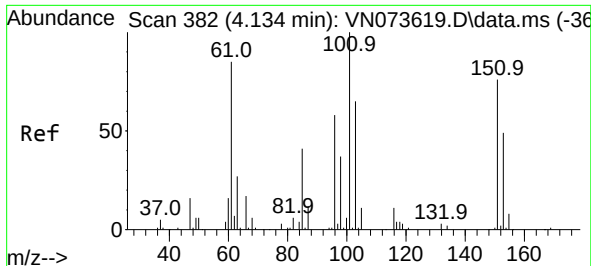


#8  
 Diethyl Ether  
 Concen: 19.648 ug/l  
 RT: 3.763 min Scan# 319  
 Delta R.T. -0.000 min  
 Lab File: VN073638.D  
 Acq: 29 Jul 2022 16:34

Tgt Ion: 74 Resp: 43913  
 Ion Ratio Lower Upper  
 74 100  
 45 86.3 42.9 128.5



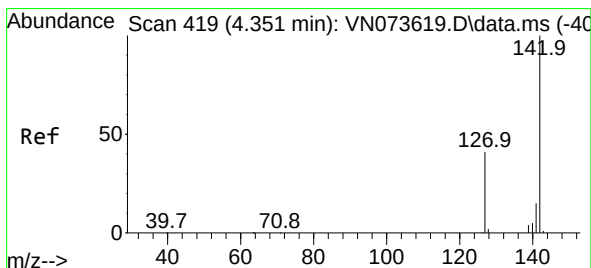
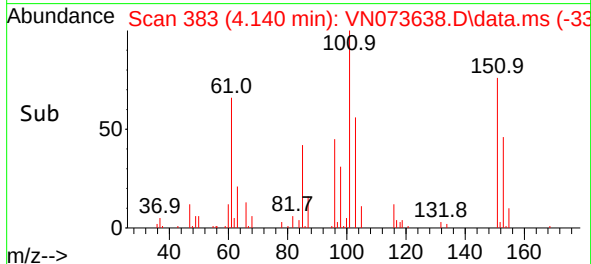
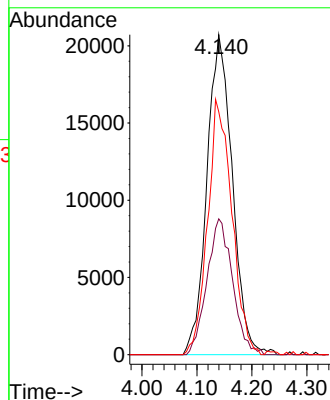
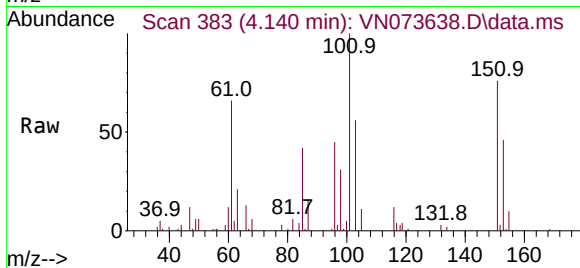




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.223 ug/l  
RT: 4.140 min Scan# 382  
Delta R.T. 0.006 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

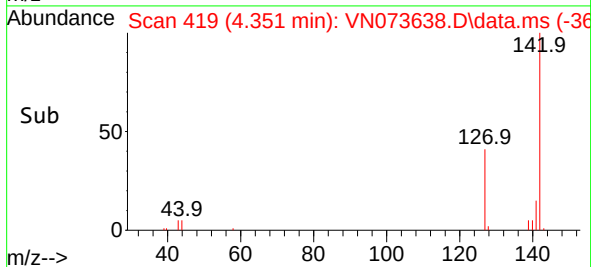
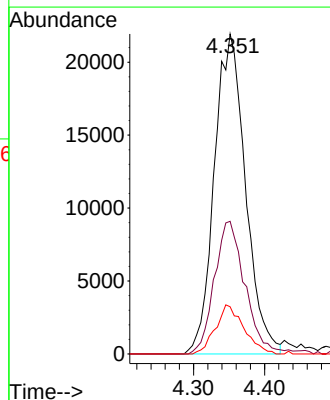
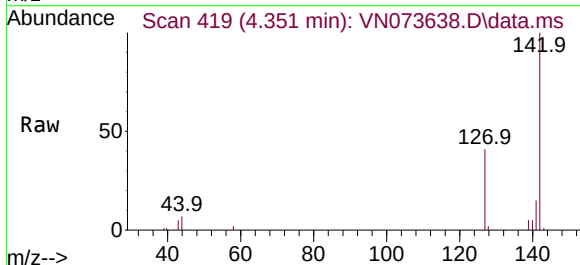
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

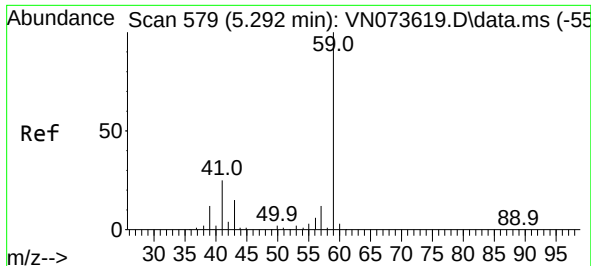
Tgt Ion:101 Resp: 66597  
Ion Ratio Lower Upper  
101 100  
85 42.7 34.7 52.1  
151 76.0 63.0 94.4



#10  
Methyl Iodide  
Concen: 19.970 ug/l  
RT: 4.351 min Scan# 419  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion:142 Resp: 66854  
Ion Ratio Lower Upper  
142 100  
127 40.9 31.3 46.9  
141 14.0 11.2 16.8

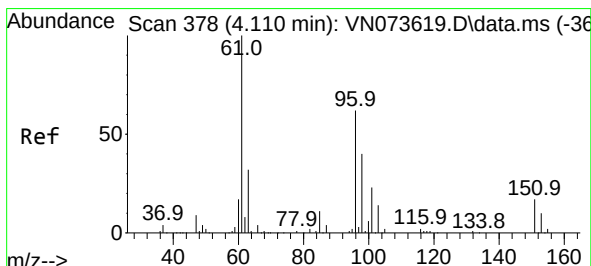
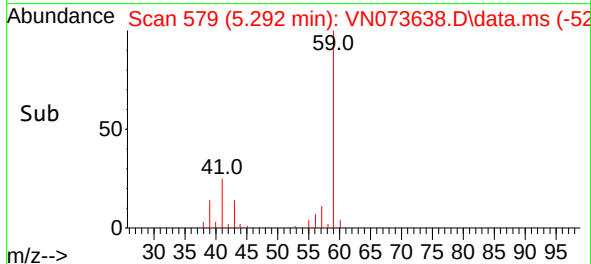
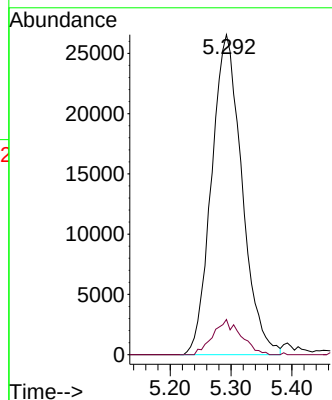
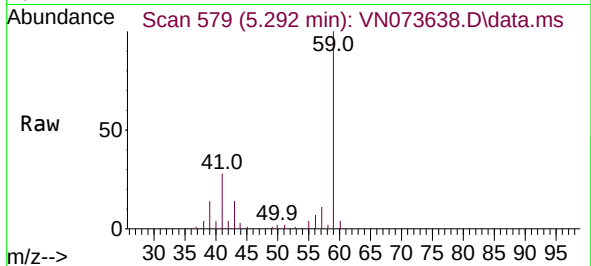




#11  
Tert butyl alcohol  
Concen: 103.020 ug/l  
RT: 5.292 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

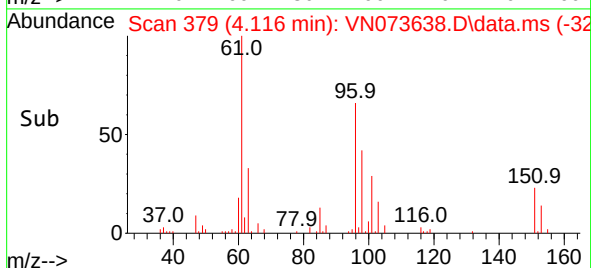
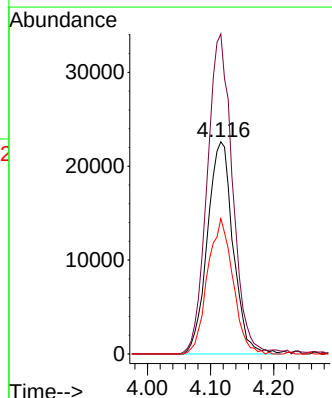
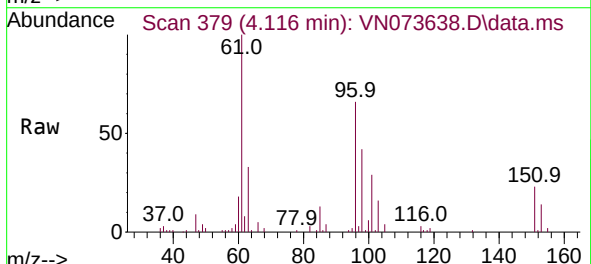
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

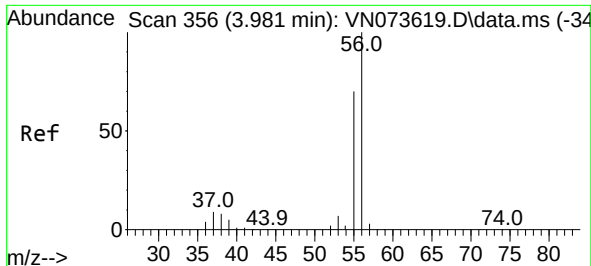
Tgt Ion: 59 Resp: 92182  
Ion Ratio Lower Upper  
59 100  
57 10.1 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 19.775 ug/l  
RT: 4.116 min Scan# 379  
Delta R.T. 0.006 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion: 96 Resp: 63877  
Ion Ratio Lower Upper  
96 100  
61 150.8 127.6 191.4  
98 63.8 51.2 76.8

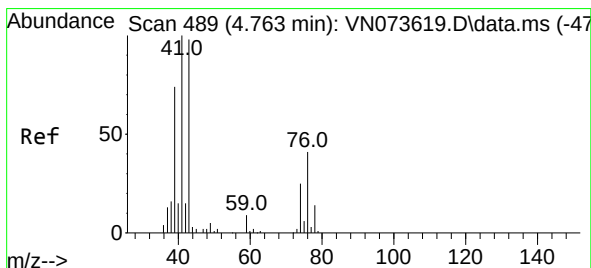
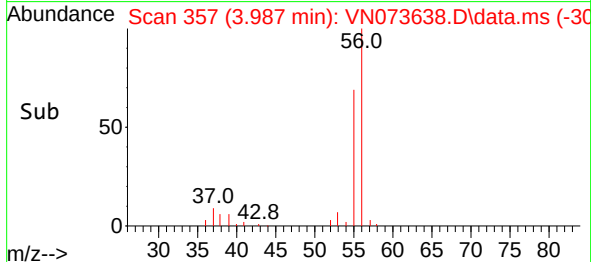
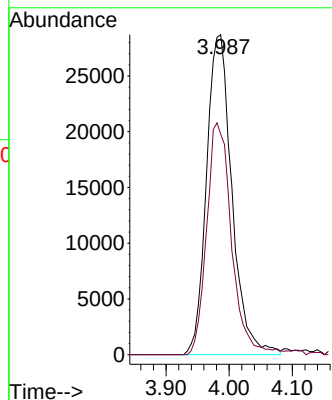
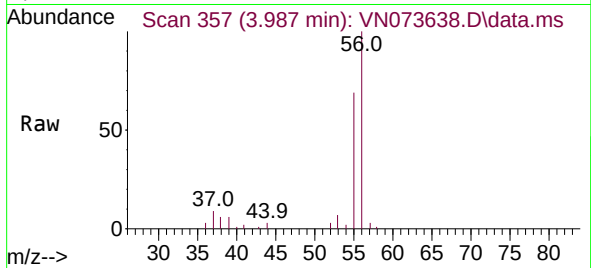




#13  
Acrolein  
Concen: 90.410 ug/l  
RT: 3.987 min Scan# 356  
Delta R.T. 0.006 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

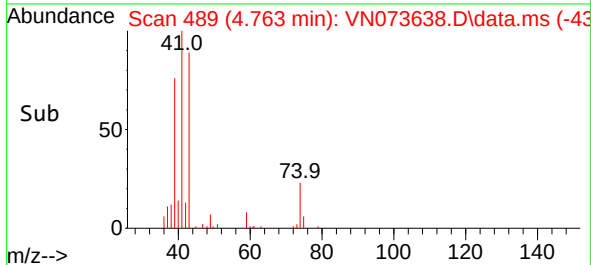
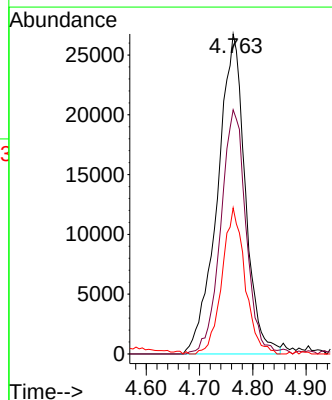
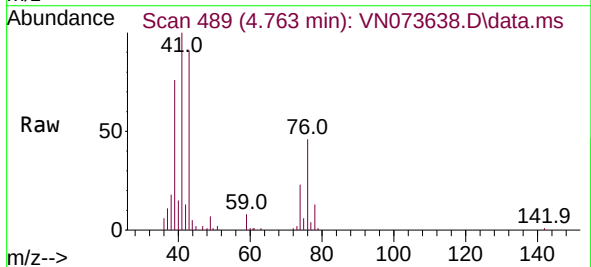
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

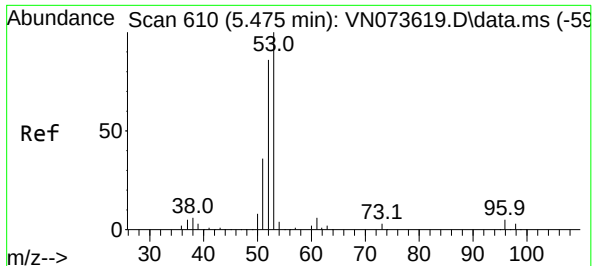
Tgt Ion: 56 Resp: 80202  
Ion Ratio Lower Upper  
56 100  
55 71.0 54.8 82.2



#14  
Allyl chloride  
Concen: 18.791 ug/l  
RT: 4.763 min Scan# 489  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion: 41 Resp: 97045  
Ion Ratio Lower Upper  
41 100  
39 69.1 53.2 79.8  
76 37.7 29.9 44.9

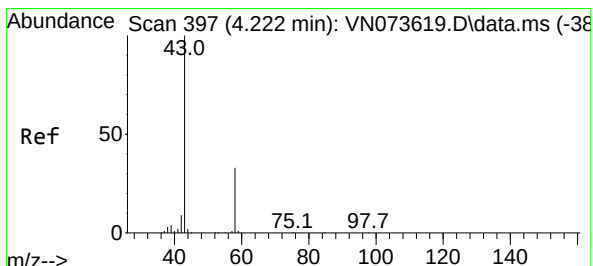
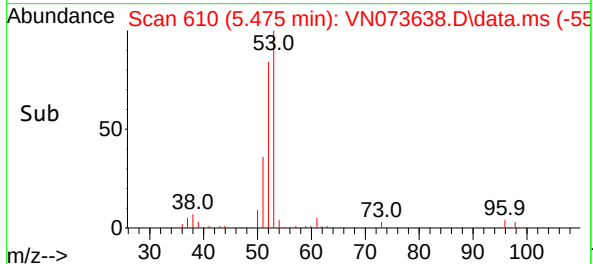
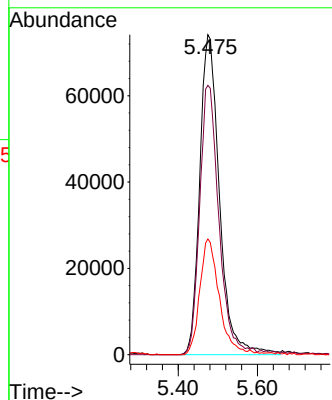
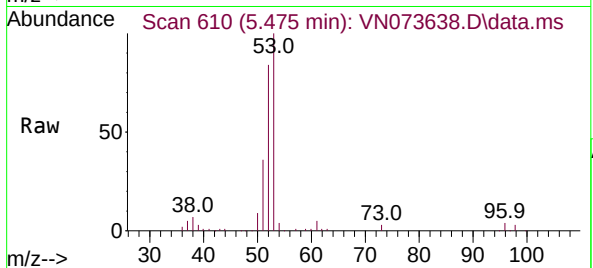




#15  
Acrylonitrile  
Concen: 103.567 ug/l  
RT: 5.475 min Scan# 610  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

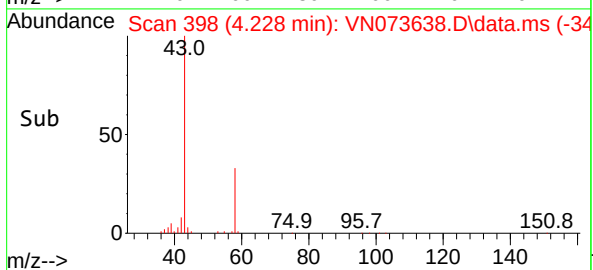
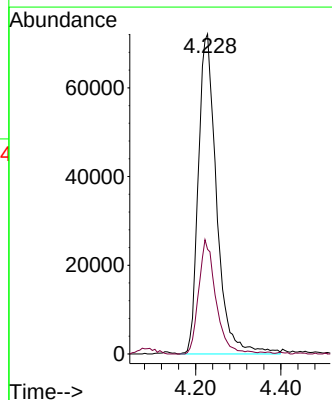
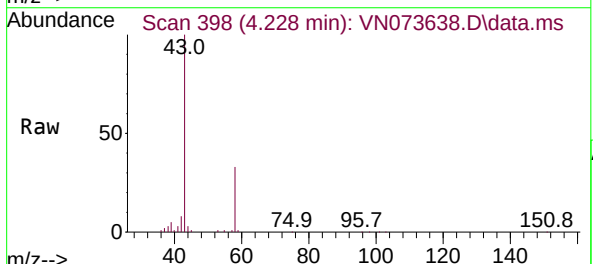
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

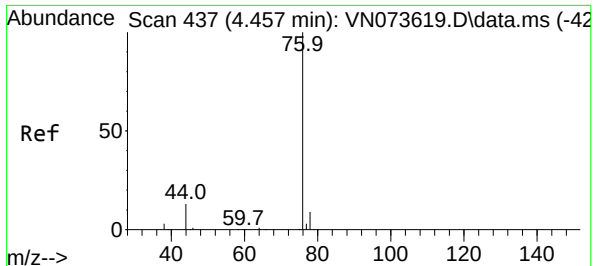
Tgt Ion: 53 Resp: 256346  
Ion Ratio Lower Upper  
53 100  
52 82.1 66.4 99.6  
51 35.4 28.5 42.7



#16  
Acetone  
Concen: 96.226 ug/l  
RT: 4.228 min Scan# 398  
Delta R.T. 0.006 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion: 43 Resp: 214437  
Ion Ratio Lower Upper  
43 100  
58 32.7 26.0 39.0

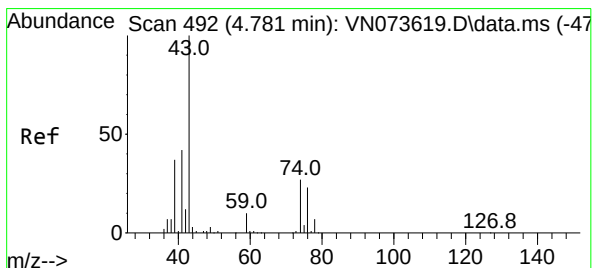
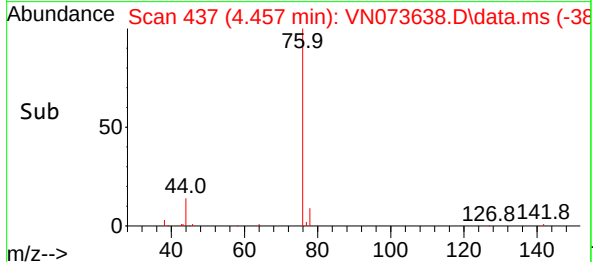
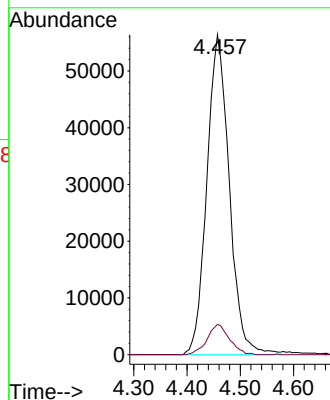
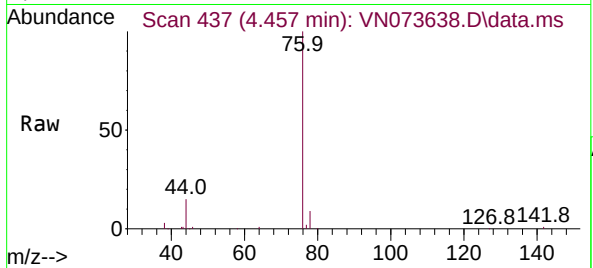




#17  
Carbon Disulfide  
Concen: 19.256 ug/l  
RT: 4.457 min Scan# 411  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

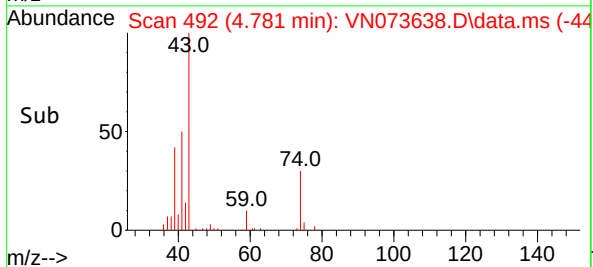
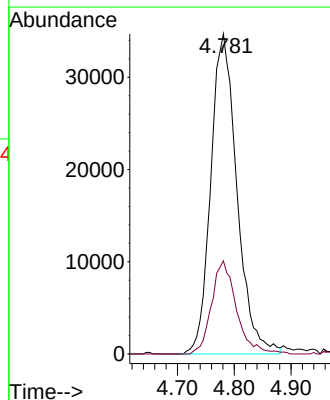
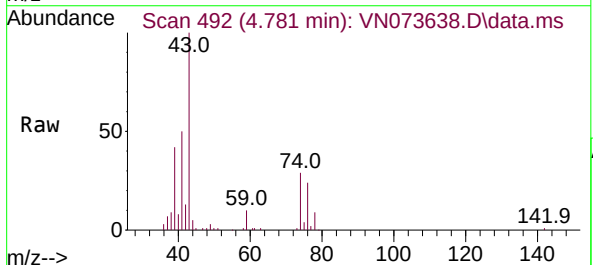
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

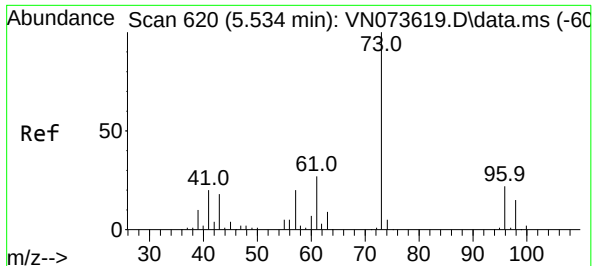
Tgt Ion: 76 Resp: 164922  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.2 10.8



#18  
Methyl Acetate  
Concen: 20.048 ug/l  
RT: 4.781 min Scan# 492  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion: 43 Resp: 111151  
Ion Ratio Lower Upper  
43 100  
74 27.6 21.6 32.4

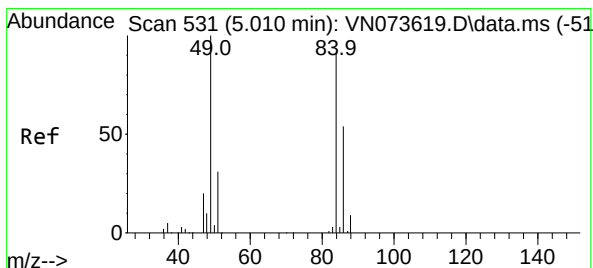
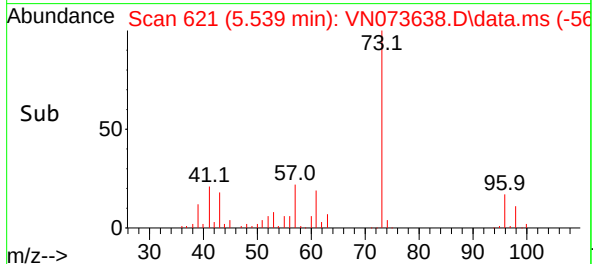
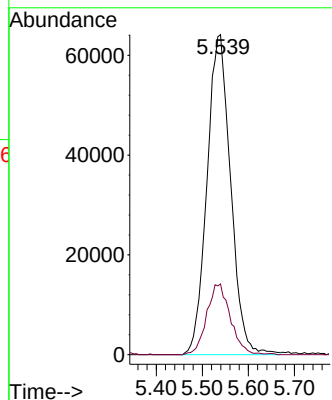
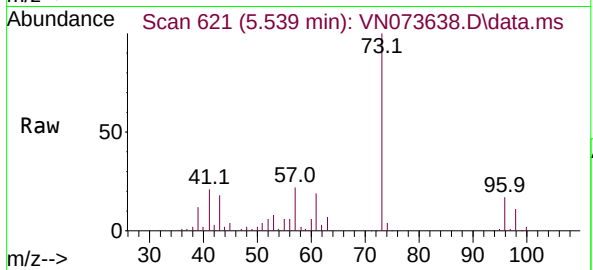




#19  
Methyl tert-butyl Ether  
Concen: 20.730 ug/l  
RT: 5.539 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

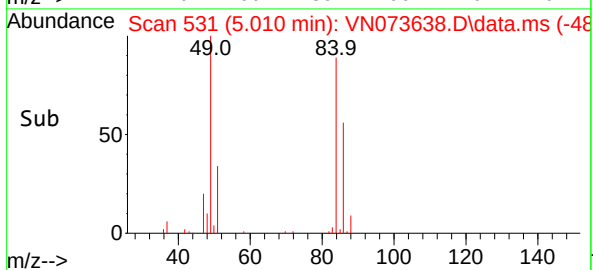
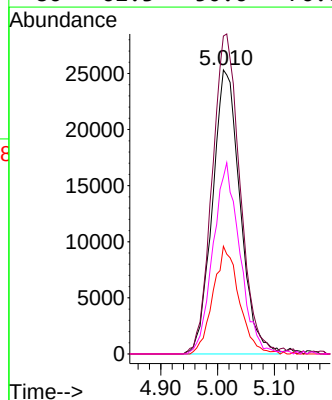
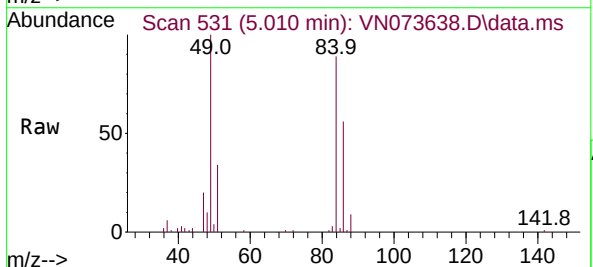
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

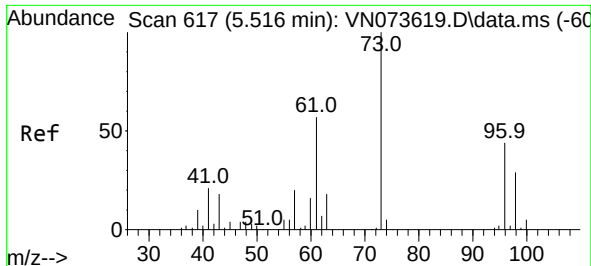
Tgt Ion: 73 Resp: 228763  
Ion Ratio Lower Upper  
73 100  
57 22.1 17.6 26.4



#20  
Methylene Chloride  
Concen: 22.569 ug/l  
RT: 5.010 min Scan# 531  
Delta R.T. 0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion: 84 Resp: 85724  
Ion Ratio Lower Upper  
84 100  
49 111.9 88.3 132.5  
51 37.9 28.2 42.2  
86 62.3 50.6 76.0

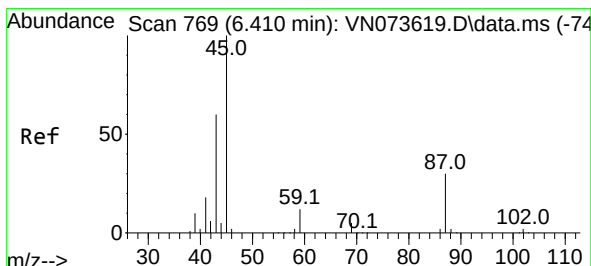
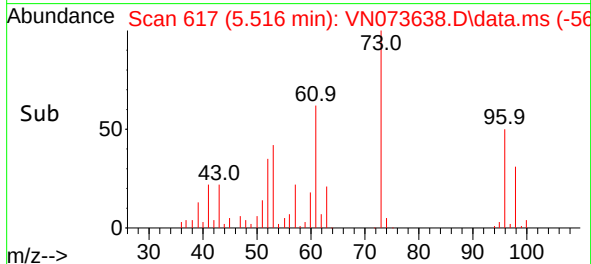
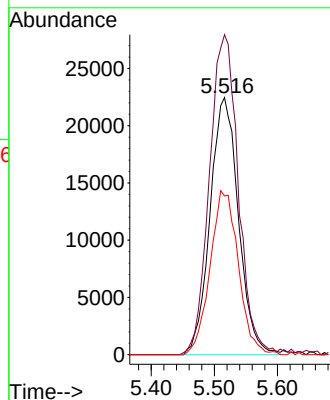
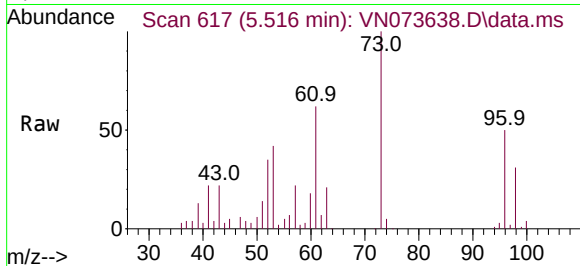




#21  
trans-1,2-Dichloroethene  
Concen: 20.081 ug/l  
RT: 5.516 min Scan# 617  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

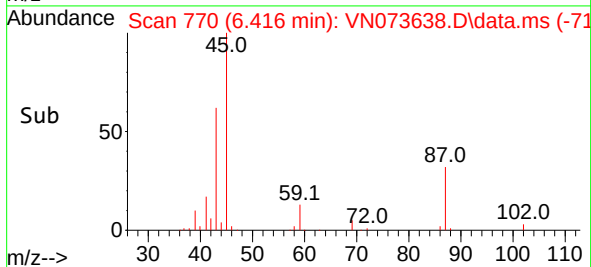
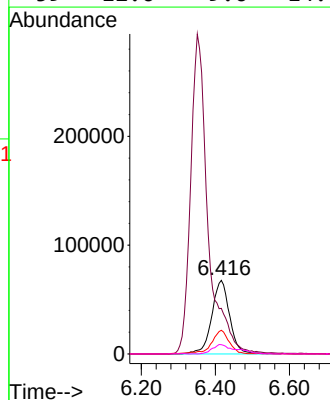
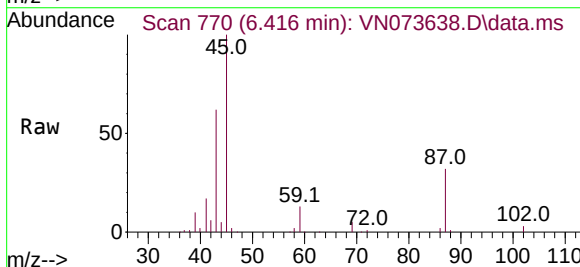
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

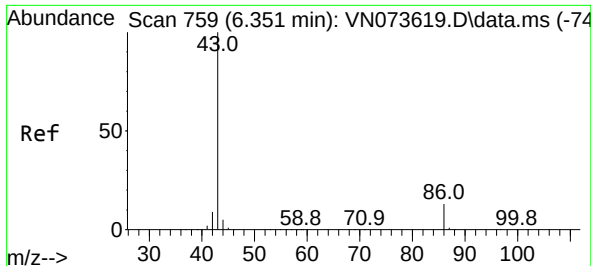
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 70218 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 124.4 | 105.8 | 158.8 |
| 98       | 61.7  | 50.3  | 75.5  |



#22  
Diisopropyl ether  
Concen: 20.340 ug/l  
RT: 6.416 min Scan# 770  
Delta R.T. 0.006 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 226619 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 60.9  | 46.6  | 70.0   |
| 87       | 32.1  | 24.3  | 36.5   |
| 59       | 12.6  | 9.6   | 14.4   |

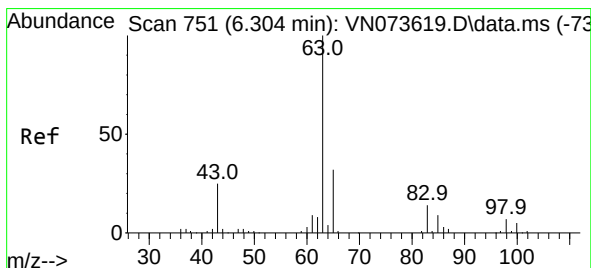
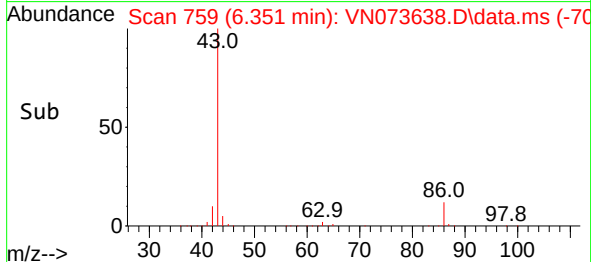
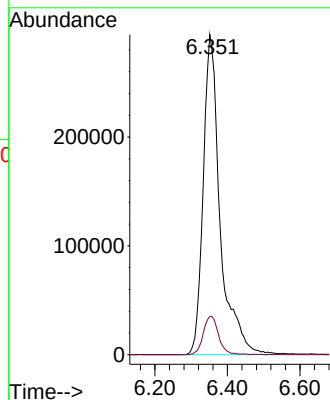
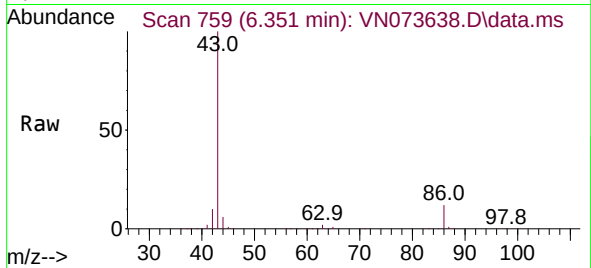




#23  
 Vinyl Acetate  
 Concen: 102.137 ug/l  
 RT: 6.351 min Scan# 759  
 Delta R.T. 0.000 min  
 Lab File: VN073638.D  
 Acq: 29 Jul 2022 16:34

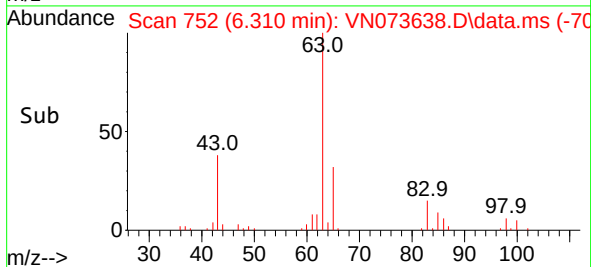
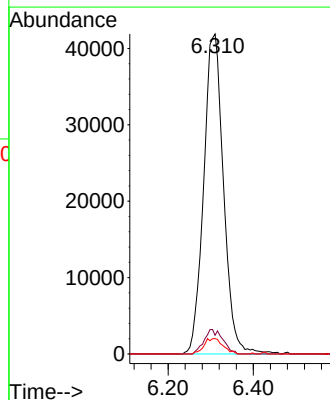
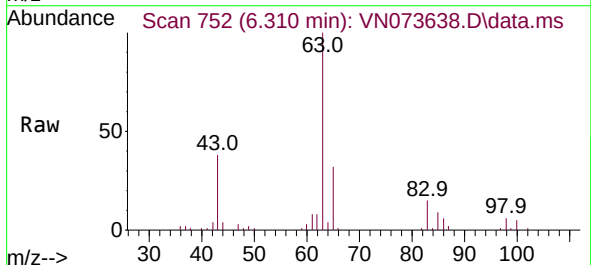
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0729WBS02

Tgt Ion: 43 Resp: 954097  
 Ion Ratio Lower Upper  
 43 100  
 86 12.0 10.0 15.0

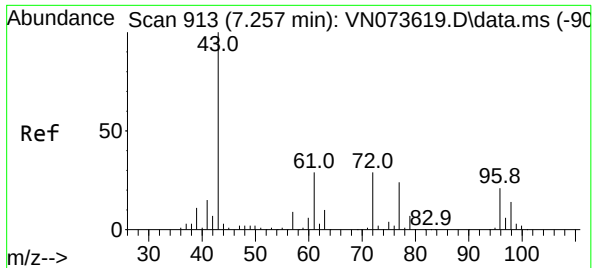


#24  
 1,1-Dichloroethane  
 Concen: 19.800 ug/l  
 RT: 6.310 min Scan# 752  
 Delta R.T. 0.006 min  
 Lab File: VN073638.D  
 Acq: 29 Jul 2022 16:34

Tgt Ion: 63 Resp: 135717  
 Ion Ratio Lower Upper  
 63 100  
 98 5.9 3.5 10.4  
 100 4.8 2.3 6.8







#25

2-Butanone

Concen: 100.193 ug/l

RT: 7.263 min Scan# 914

Delta R.T. 0.006 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

Instrument :

MSVOA\_N

ClientSampleId :

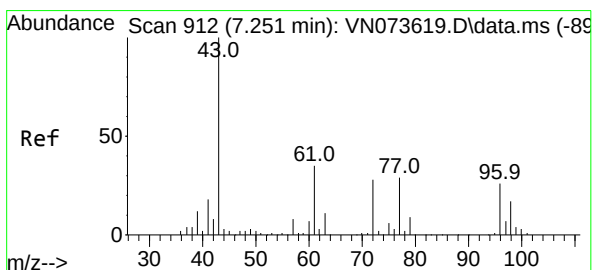
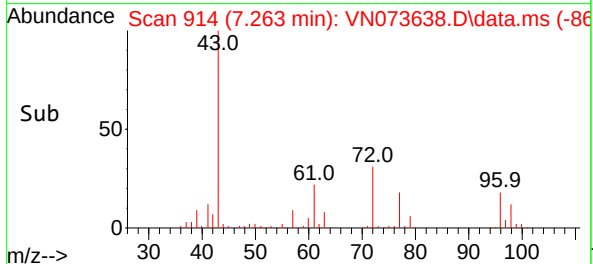
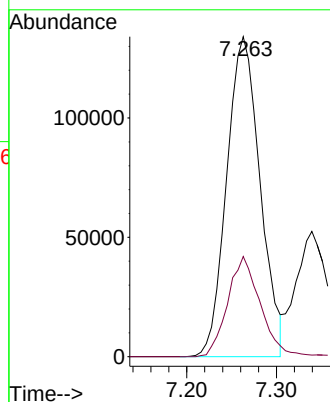
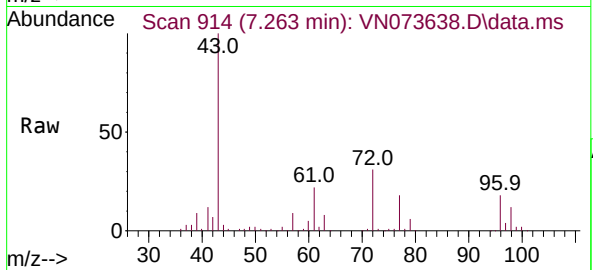
VN0729WBS02

Tgt Ion: 43 Resp: 346747

Ion Ratio Lower Upper

43 100

72 31.3 23.7 35.5



#26

2,2-Dichloropropane

Concen: 17.284 ug/l

RT: 7.251 min Scan# 912

Delta R.T. -0.000 min

Lab File: VN073638.D

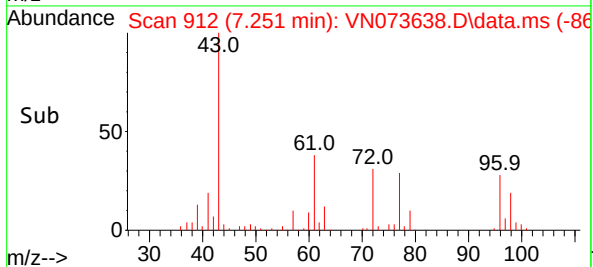
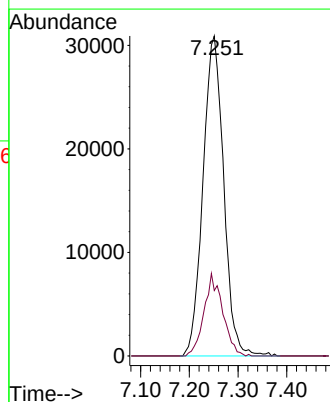
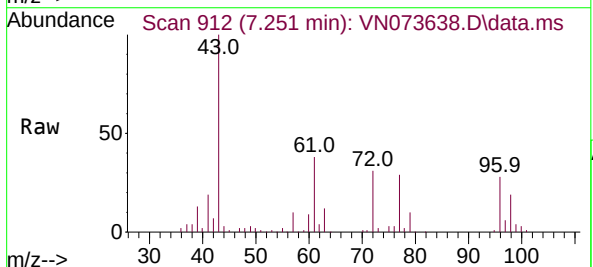
Acq: 29 Jul 2022 16:34

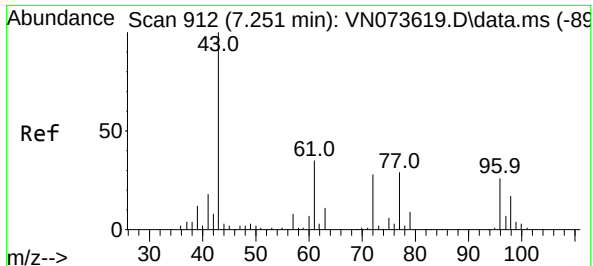
Tgt Ion: 77 Resp: 91150

Ion Ratio Lower Upper

77 100

97 23.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 19.534 ug/l

RT: 7.251 min Scan# 912

Delta R.T. -0.000 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0729WBS02

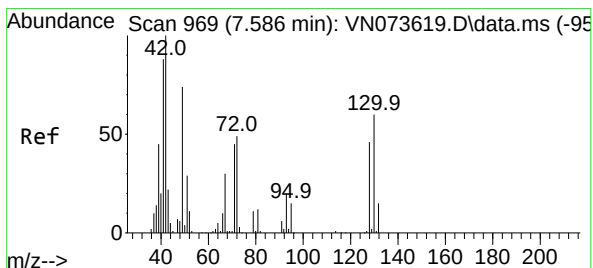
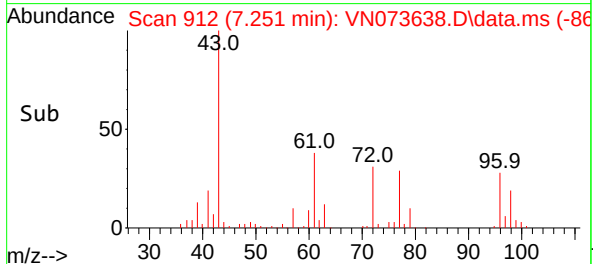
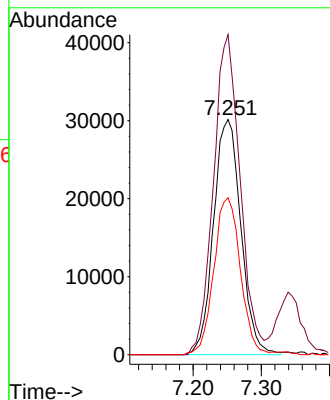
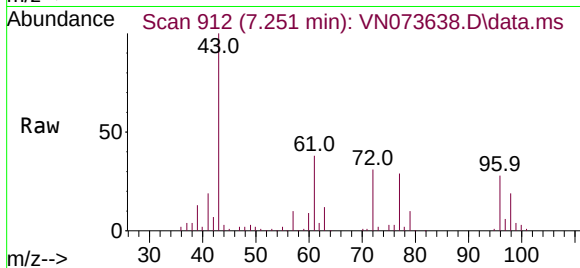
Tgt Ion: 96 Resp: 84157

Ion Ratio Lower Upper

96 100

61 132.8 0.0 280.6

98 64.9 0.0 128.4



#28

Bromochloromethane

Concen: 20.159 ug/l

RT: 7.586 min Scan# 969

Delta R.T. -0.000 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

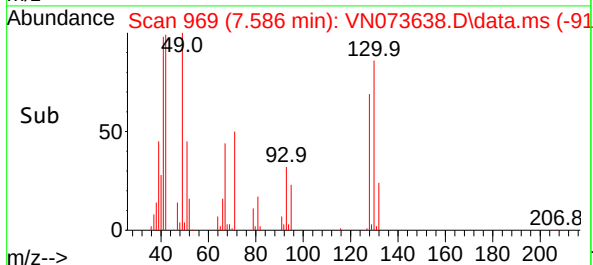
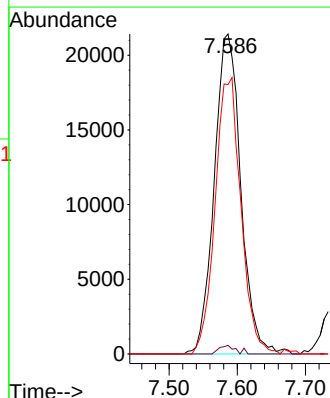
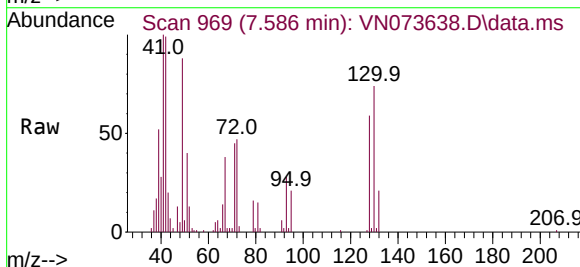
Tgt Ion: 49 Resp: 58018

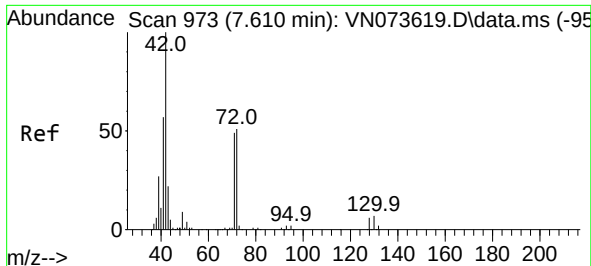
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.6

130 84.0 69.7 104.5





#29

Tetrahydrofuran

Concen: 105.483 ug/l

RT: 7.616 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0729WBS02

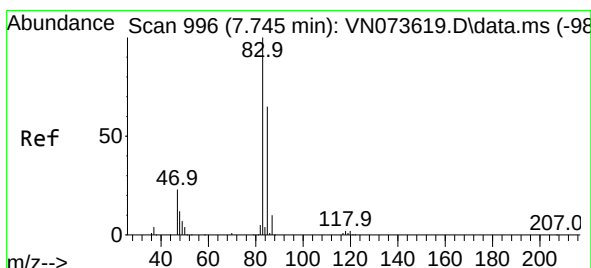
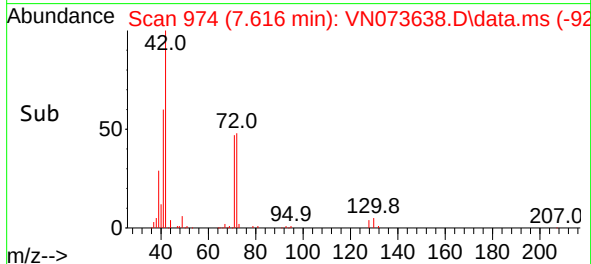
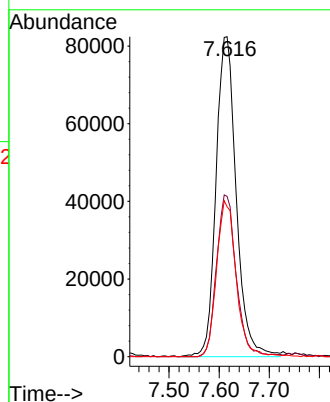
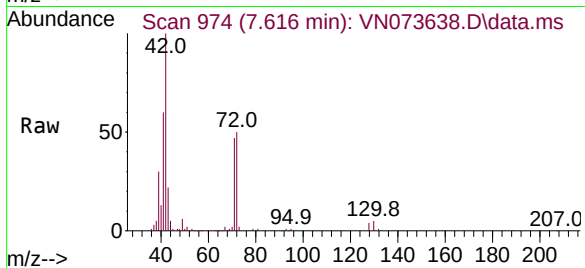
Tgt Ion: 42 Resp: 230805

Ion Ratio Lower Upper

42 100

72 49.3 39.7 59.5

71 46.8 36.6 55.0



#30

Chloroform

Concen: 19.982 ug/l

RT: 7.745 min Scan# 996

Delta R.T. -0.000 min

Lab File: VN073638.D

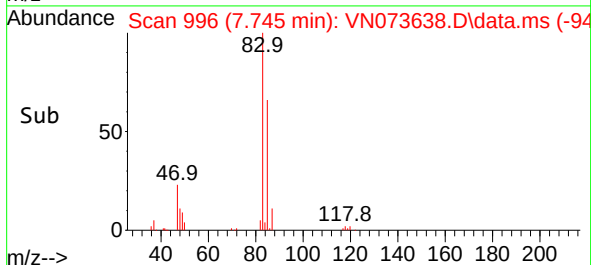
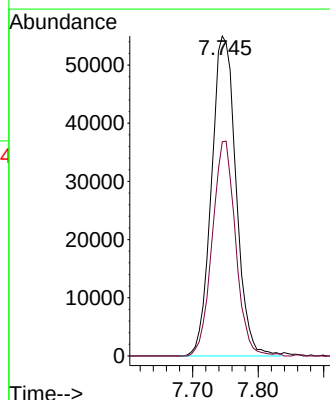
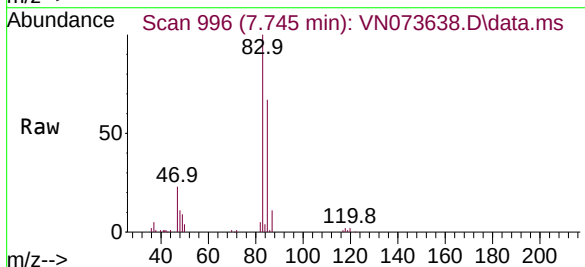
Acq: 29 Jul 2022 16:34

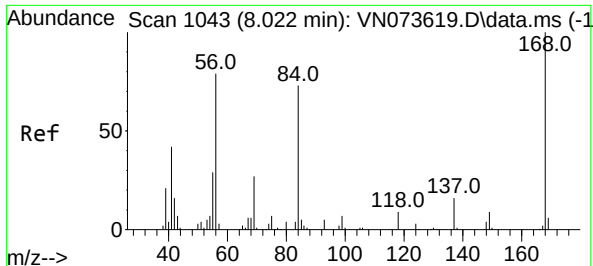
Tgt Ion: 83 Resp: 142700

Ion Ratio Lower Upper

83 100

85 67.0 51.8 77.8





#31

Cyclohexane

Concen: 19.234 ug/l

RT: 8.022 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0729WBS02

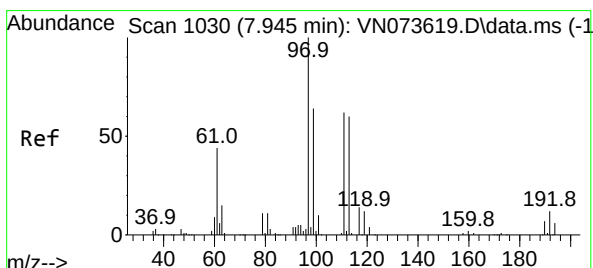
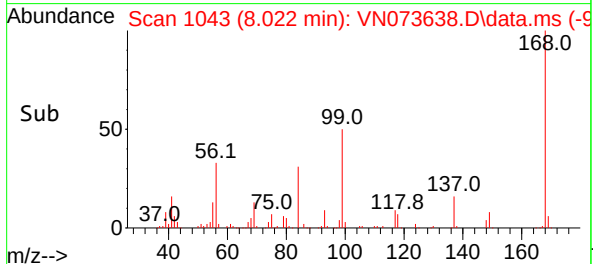
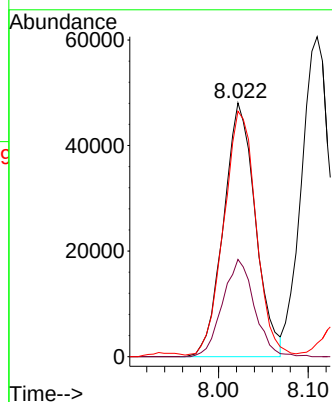
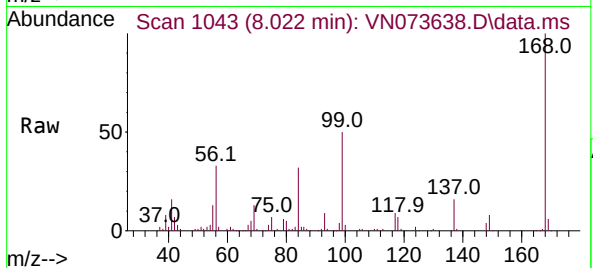
Tgt Ion: 56 Resp: 118808

Ion Ratio Lower Upper

56 100

69 38.3 27.8 41.8

84 95.7 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 20.515 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

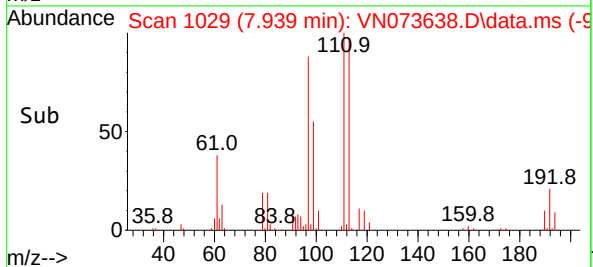
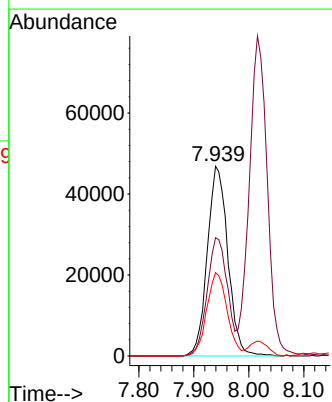
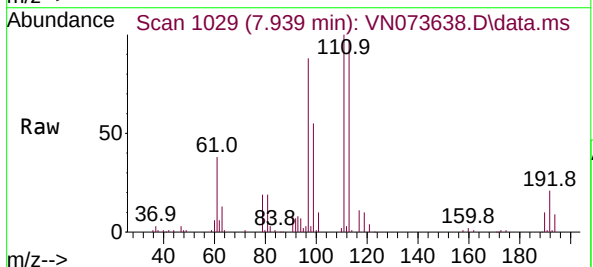
Tgt Ion: 97 Resp: 121651

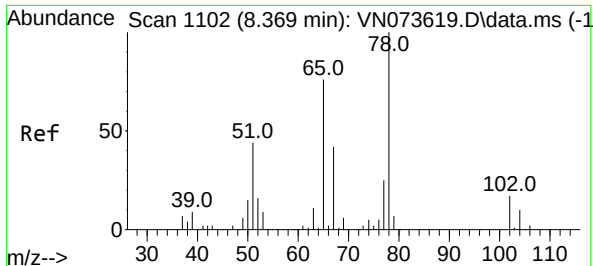
Ion Ratio Lower Upper

97 100

99 61.1 50.6 76.0

61 43.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 53.104 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

Instrument :

MSVOA\_N

ClientSampleId :

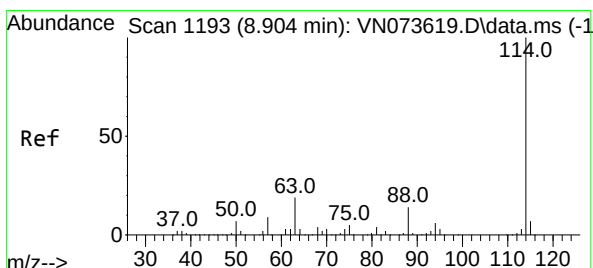
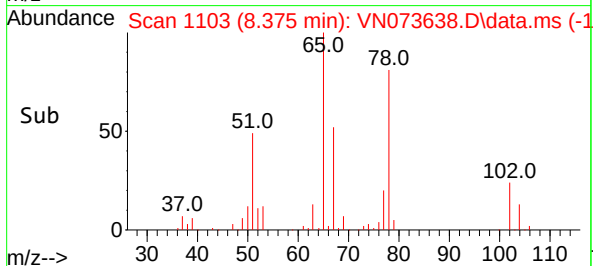
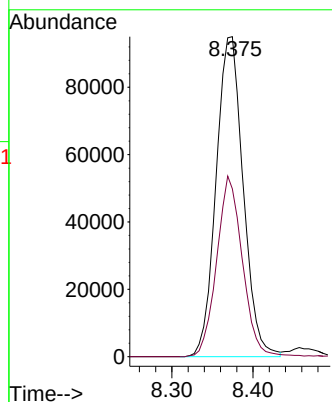
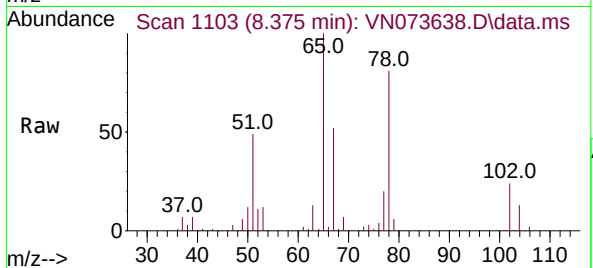
VN0729WBS02

Tgt Ion: 65 Resp: 220329

Ion Ratio Lower Upper

65 100

67 53.8 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: VN073638.D

Acq: 29 Jul 2022 16:34

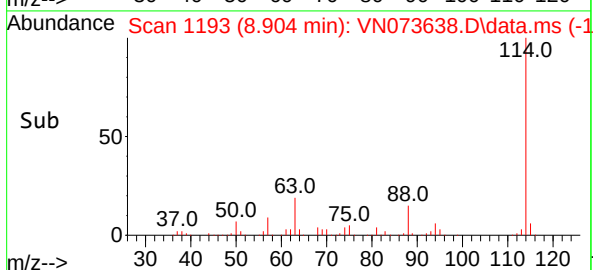
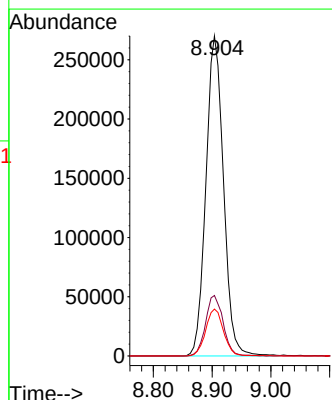
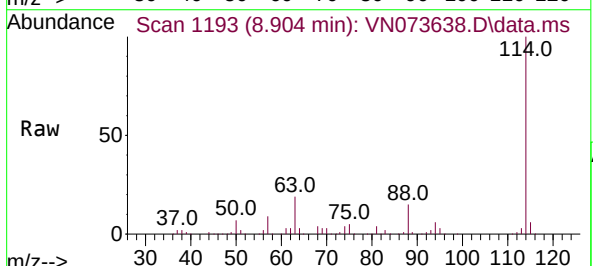
Tgt Ion: 114 Resp: 561658

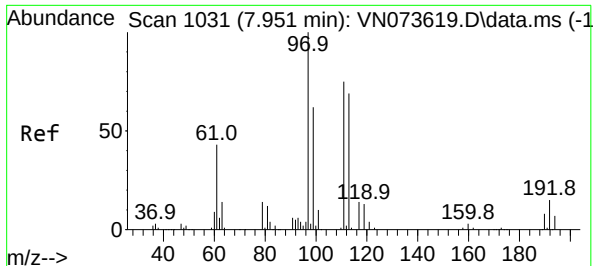
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 14.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.704 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0729WBS02

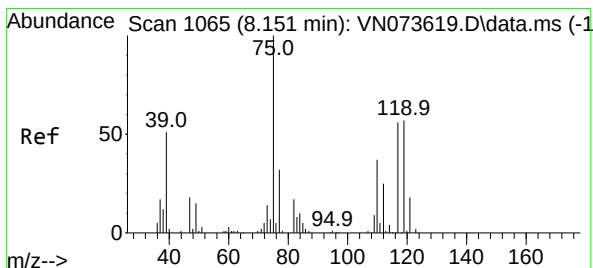
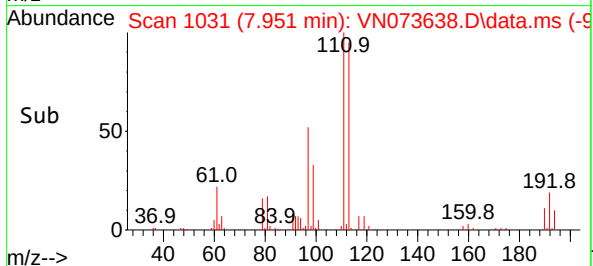
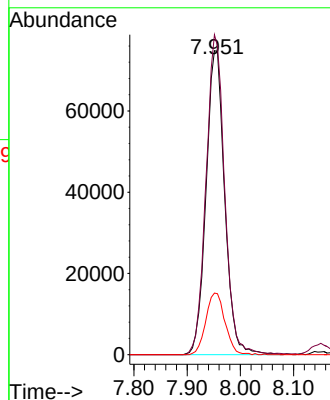
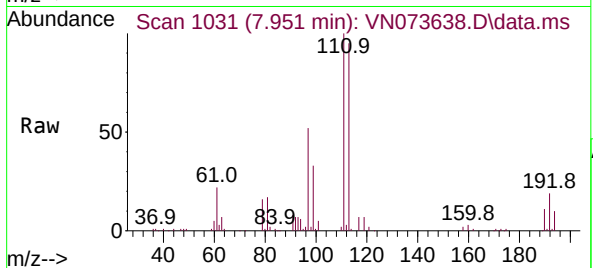
Tgt Ion:113 Resp: 182352

Ion Ratio Lower Upper

113 100

111 105.3 81.4 122.0

192 20.8 17.0 25.6



#36

1,1-Dichloropropene

Concen: 19.521 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

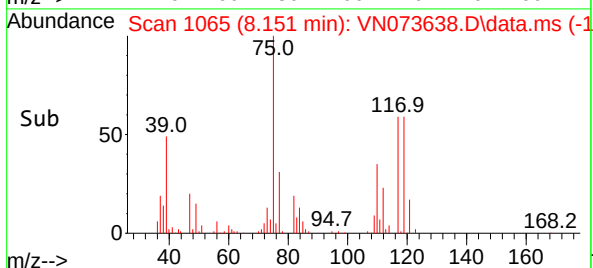
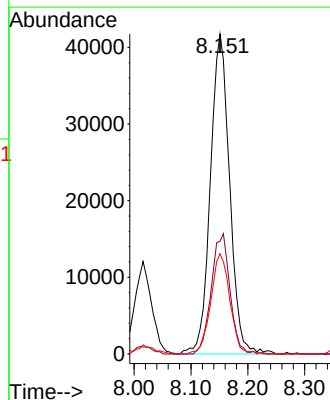
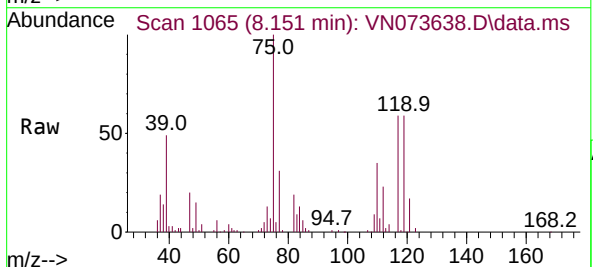
Tgt Ion: 75 Resp: 98124

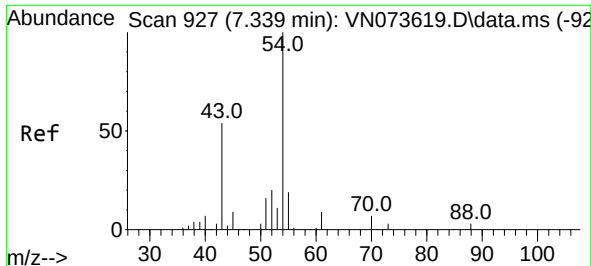
Ion Ratio Lower Upper

75 100

110 36.2 18.3 54.8

77 31.1 25.1 37.7

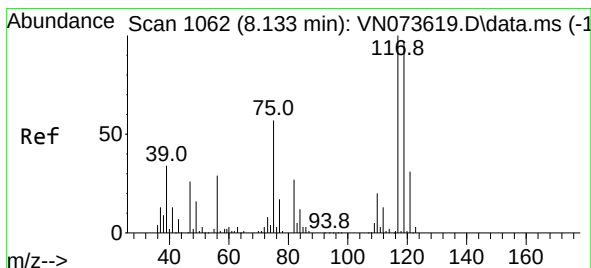
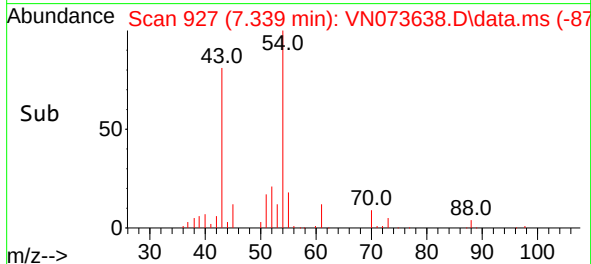
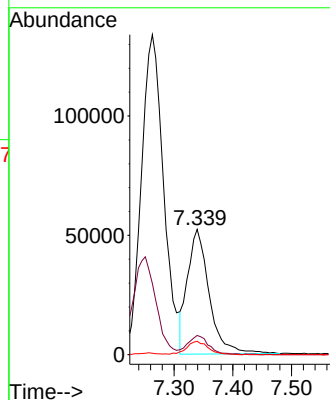
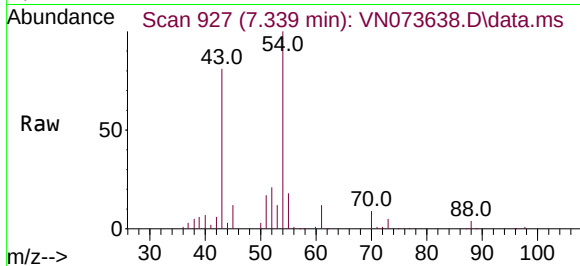




#37  
Ethyl Acetate  
Concen: 20.249 ug/l  
RT: 7.339 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

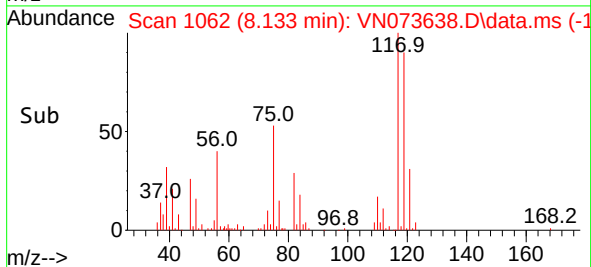
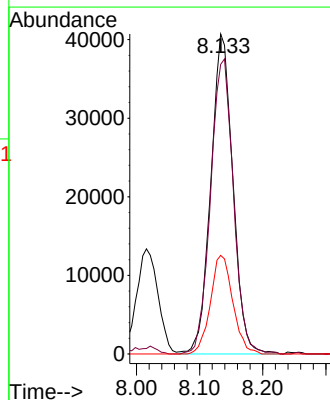
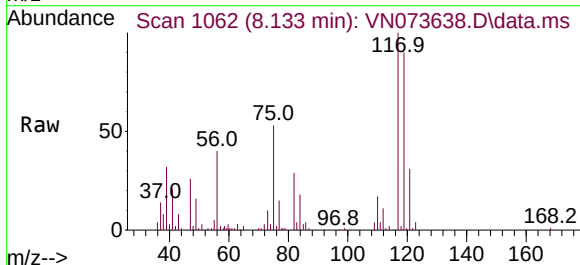
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

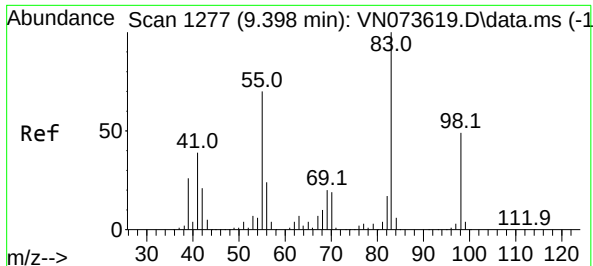
|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 134046 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 61 15.2     | 11.8 17.6    |
| 70 10.6     | 9.3 13.9     |



#38  
Carbon Tetrachloride  
Concen: 19.390 ug/l  
RT: 8.133 min Scan# 1062  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:117 | Resp: | 98993 |       |
| Ion         | Ratio | Lower | Upper |
| 117         | 100   |       |       |
| 119         | 90.5  | 75.8  | 113.8 |
| 121         | 30.8  | 24.6  | 37.0  |





#39

Methylcyclohexane

Concen: 19.377 ug/l

RT: 9.398 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0729WBS02

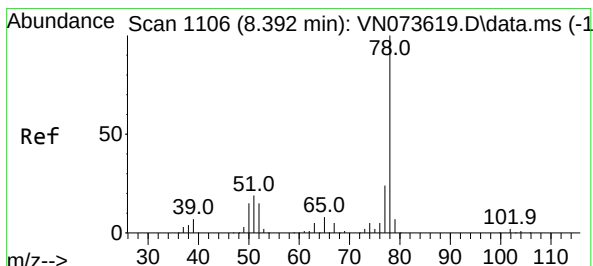
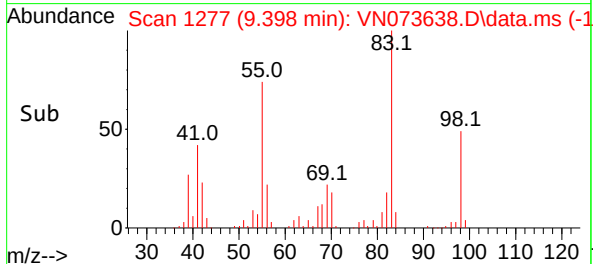
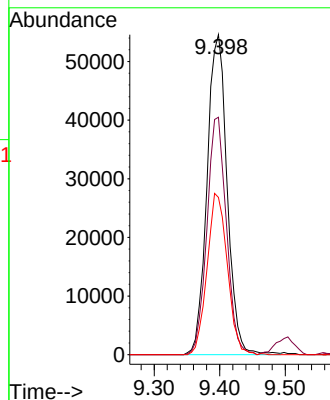
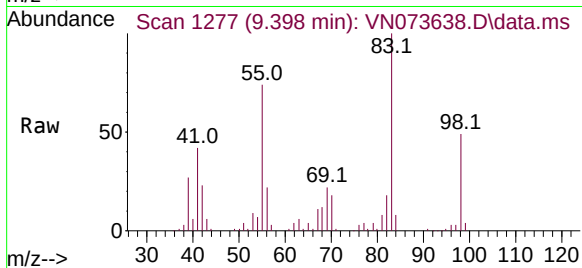
Tgt Ion: 83 Resp: 116395

Ion Ratio Lower Upper

83 100

55 74.2 57.8 86.8

98 49.1 39.4 59.2



#40

Benzene

Concen: 19.789 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VN073638.D

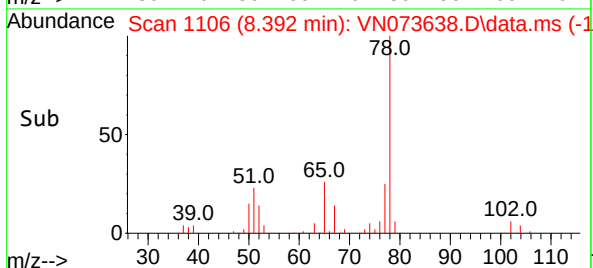
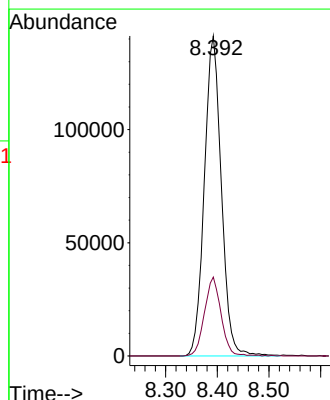
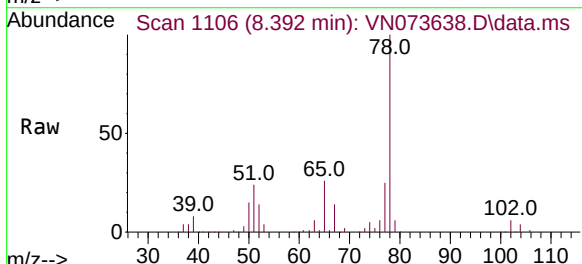
Acq: 29 Jul 2022 16:34

Tgt Ion: 78 Resp: 323019

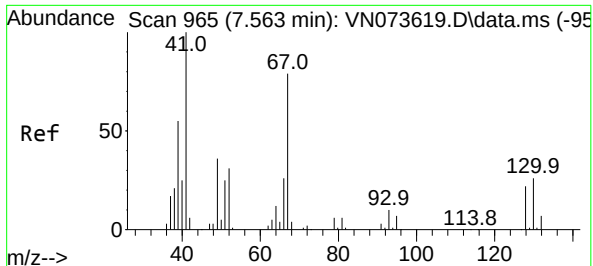
Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.0



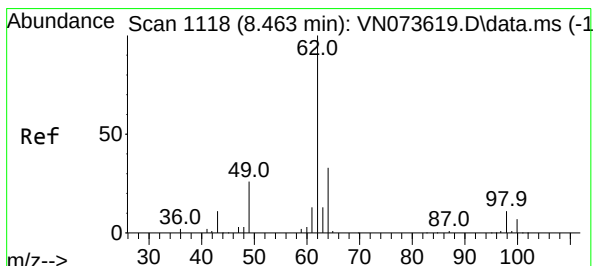
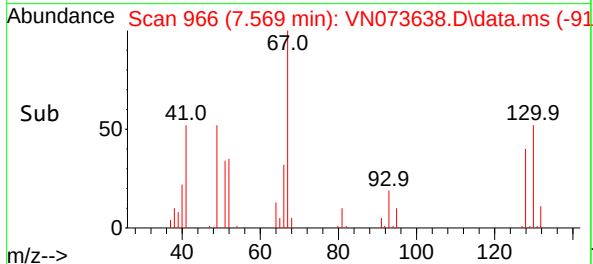
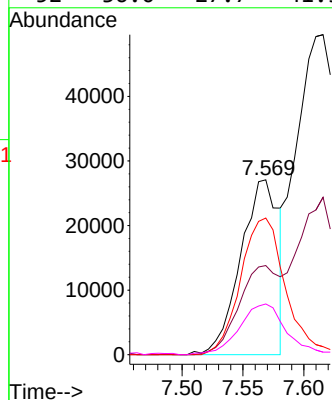
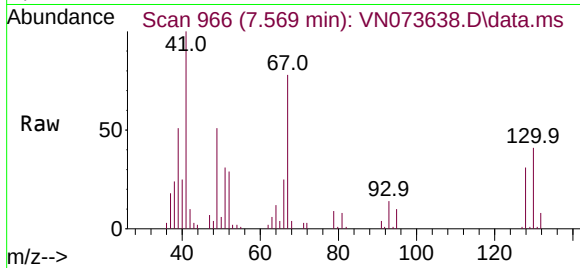




#41  
Methacrylonitrile  
Concen: 19.707 ug/l  
RT: 7.569 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

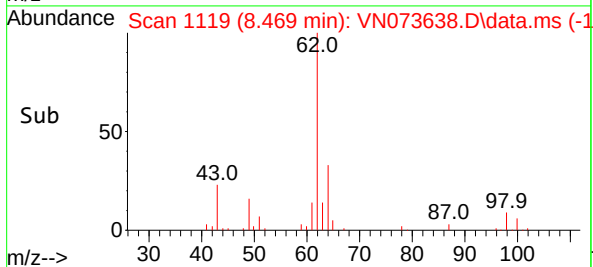
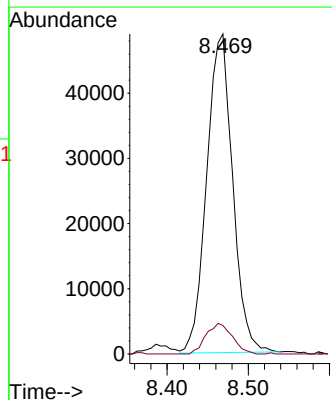
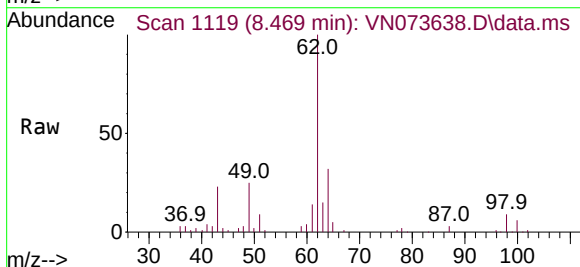
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

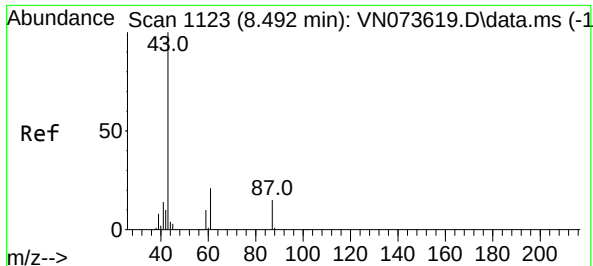
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 59032 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 53.9     | 48.6 73.0   |
| 67 92.1     | 73.4 110.2  |
| 52 36.0     | 27.7 41.5   |



#42  
1,2-Dichloroethane  
Concen: 19.758 ug/l  
RT: 8.469 min Scan# 1119  
Delta R.T. 0.006 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

|             |              |
|-------------|--------------|
| Tgt Ion: 62 | Resp: 108690 |
| Ion Ratio   | Lower Upper  |
| 62 100      |              |
| 98 9.7      | 0.0 19.4     |

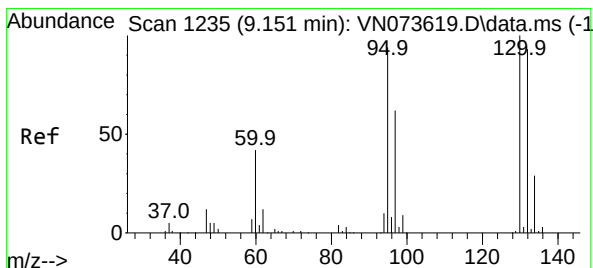
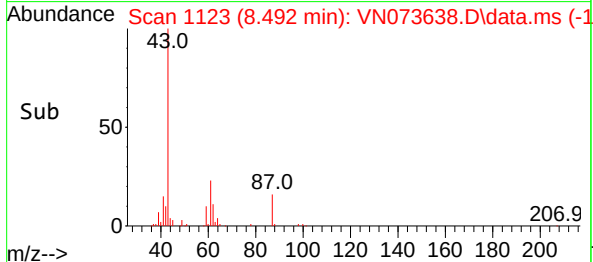
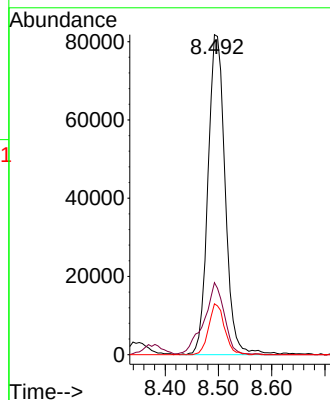
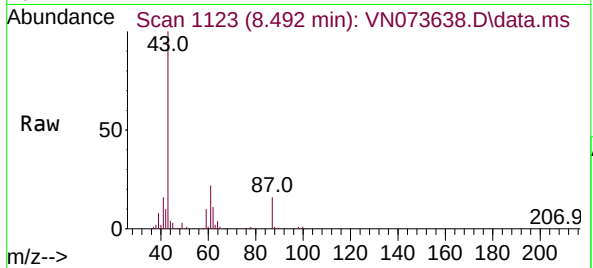




#43  
Isopropyl Acetate  
Concen: 20.447 ug/l  
RT: 8.492 min Scan# 1123  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

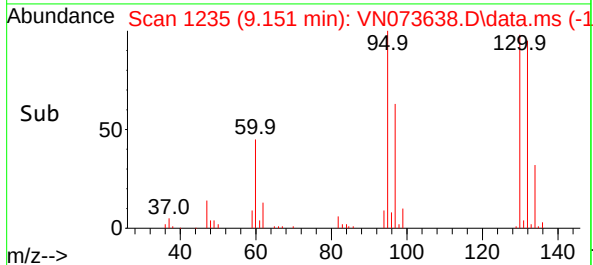
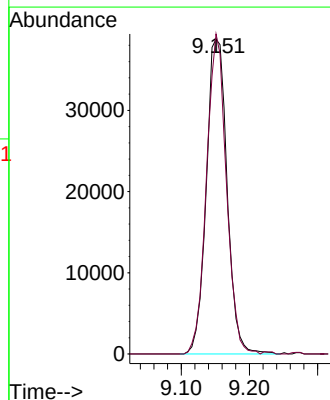
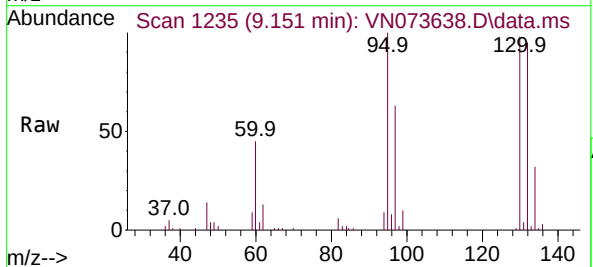
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

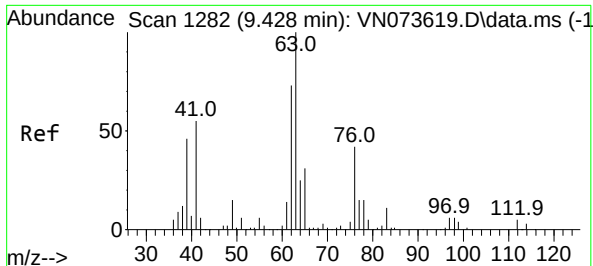
Tgt Ion: 43 Resp: 182825  
Ion Ratio Lower Upper  
43 100  
61 26.3 21.9 32.9  
87 14.7 12.0 18.0



#44  
Trichloroethene  
Concen: 19.875 ug/l  
RT: 9.151 min Scan# 1235  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion: 130 Resp: 82269  
Ion Ratio Lower Upper  
130 100  
95 101.7 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.826 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

Instrument :

MSVOA\_N

ClientSampleId :

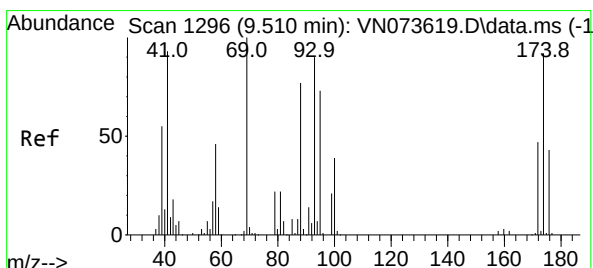
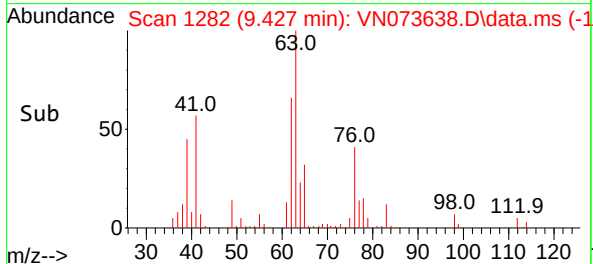
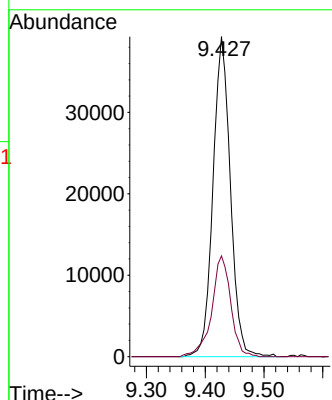
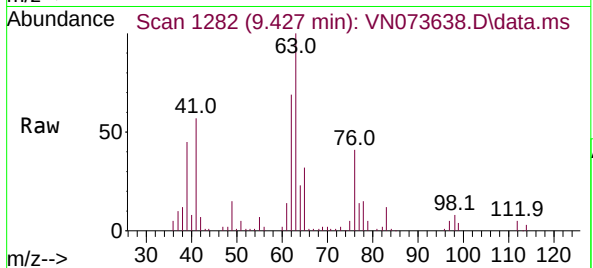
VN0729WBS02

Tgt Ion: 63 Resp: 80889

Ion Ratio Lower Upper

63 100

65 31.5 24.9 37.3



#46

Dibromomethane

Concen: 20.226 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

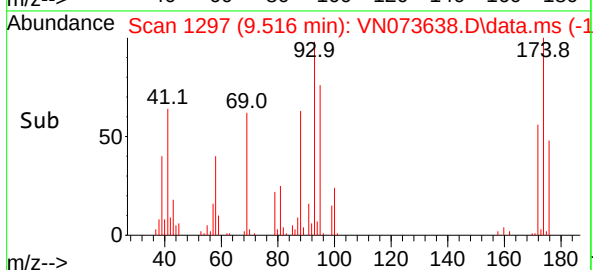
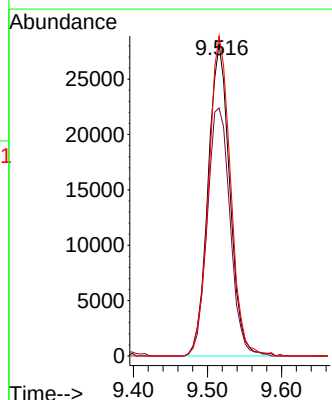
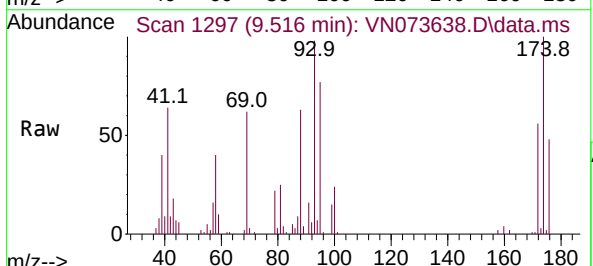
Tgt Ion: 93 Resp: 57273

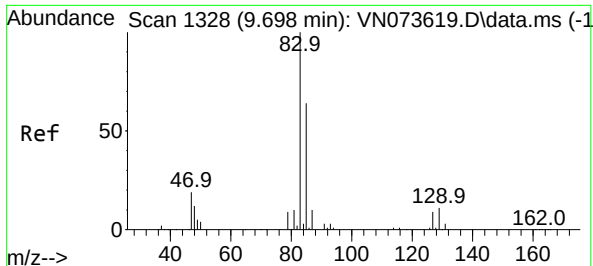
Ion Ratio Lower Upper

93 100

95 83.8 66.9 100.3

174 103.2 86.6 130.0

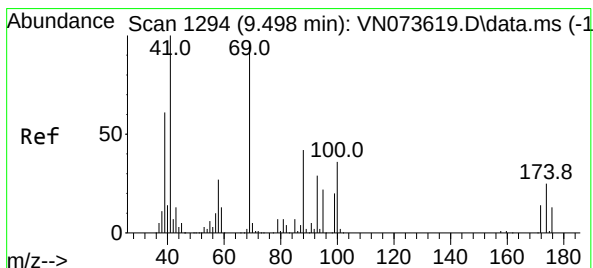
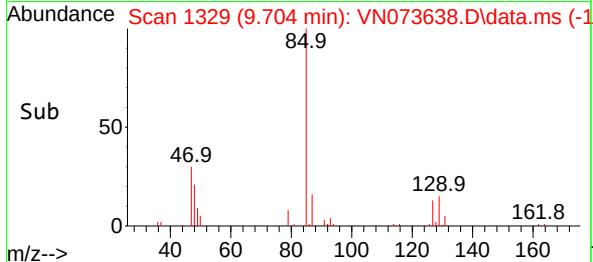
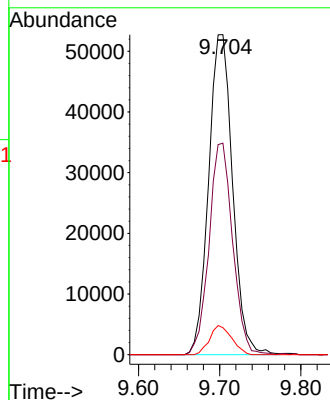
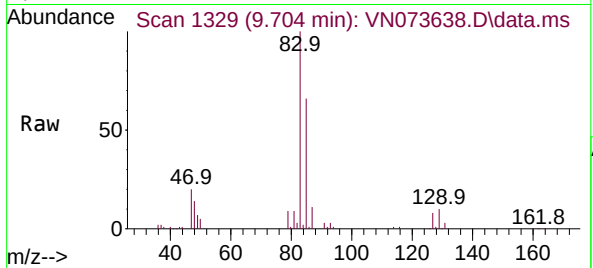




#47  
Bromodichloromethane  
Concen: 19.904 ug/l  
RT: 9.704 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

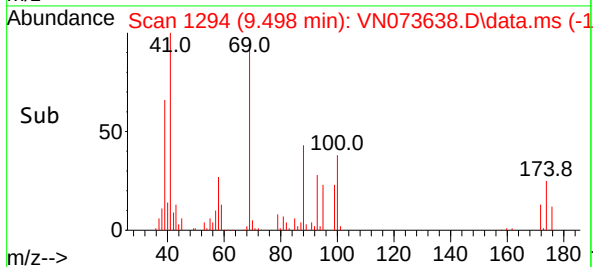
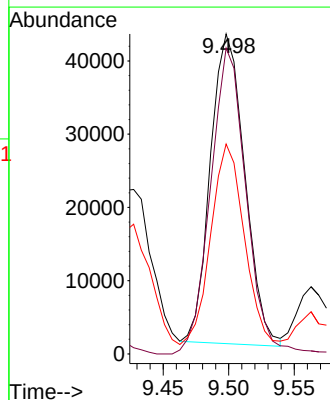
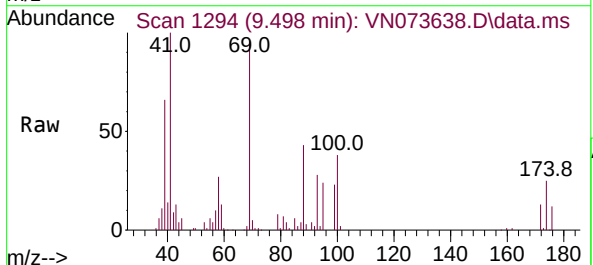
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

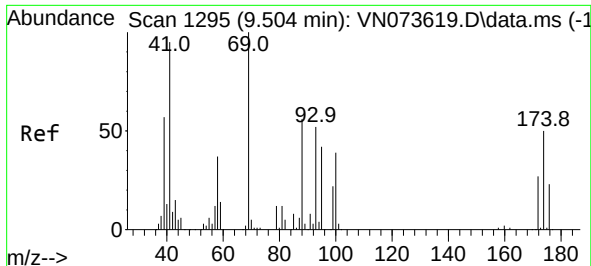
Tgt Ion: 83 Resp: 108177  
Ion Ratio Lower Upper  
83 100  
85 66.1 50.5 75.7  
127 8.5 6.8 10.2



#48  
Methyl methacrylate  
Concen: 19.691 ug/l  
RT: 9.498 min Scan# 1294  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion: 41 Resp: 77069  
Ion Ratio Lower Upper  
41 100  
69 102.8 74.7 112.1  
39 70.1 45.6 68.4#





#49

1,4-Dioxane

Concen: 436.101 ug/l

RT: 9.510 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0729WBS02

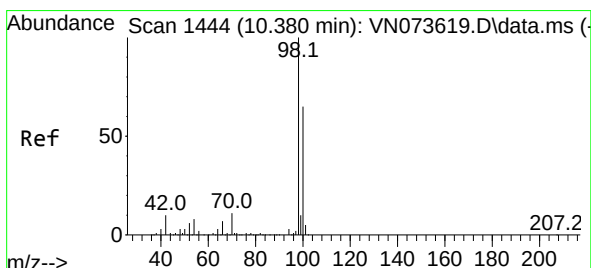
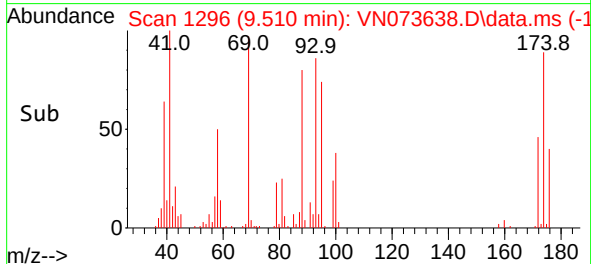
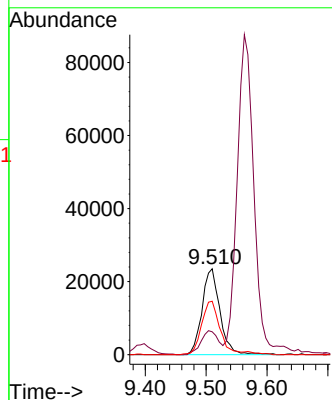
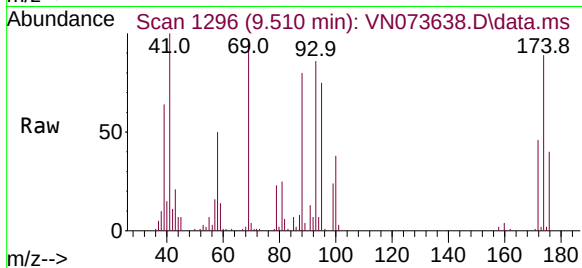
Tgt Ion: 88 Resp: 48114

Ion Ratio Lower Upper

88 100

43 27.3 20.2 30.4

58 66.1 54.2 81.4



#50

Toluene-d8

Concen: 53.229 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN073638.D

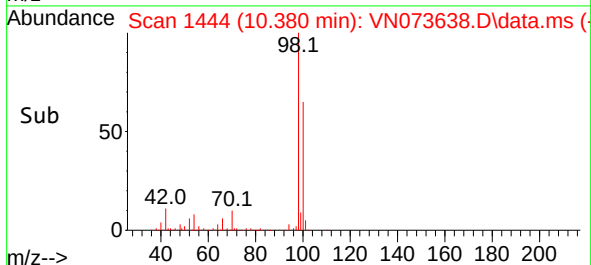
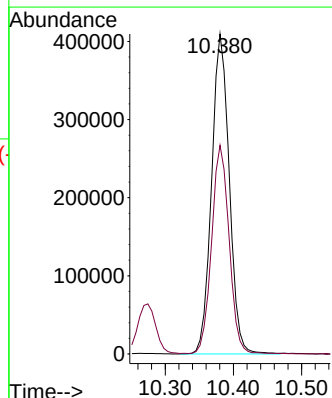
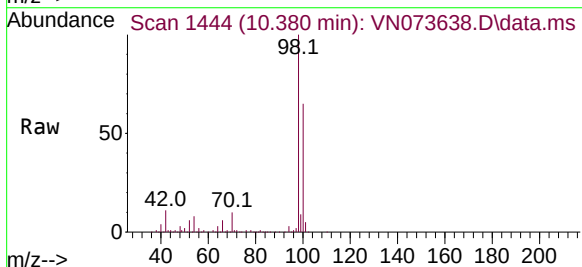
Acq: 29 Jul 2022 16:34

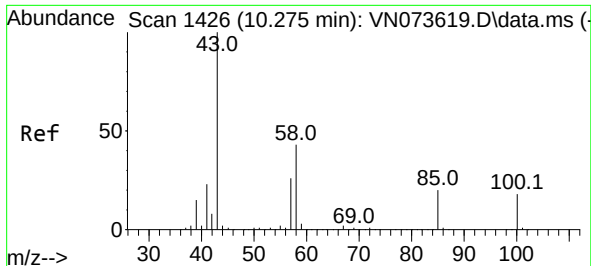
Tgt Ion: 98 Resp: 738745

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8

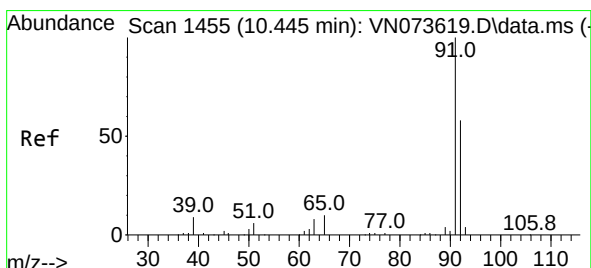
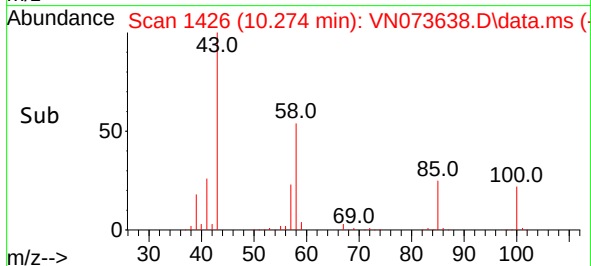
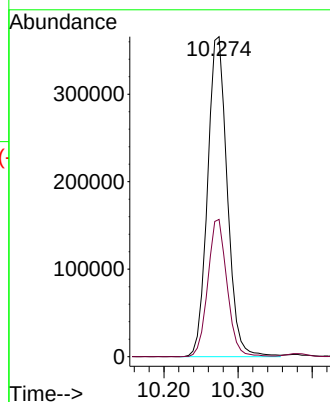
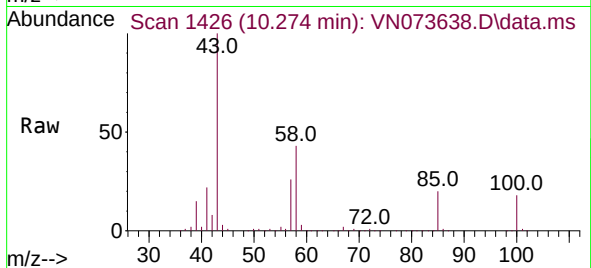




#51  
4-Methyl-2-Pentanone  
Concen: 105.262 ug/l  
RT: 10.274 min Scan# 1426  
Delta R.T. -0.001 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

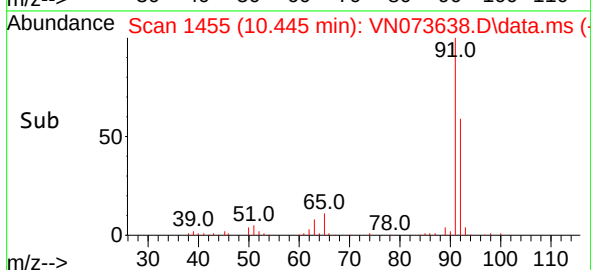
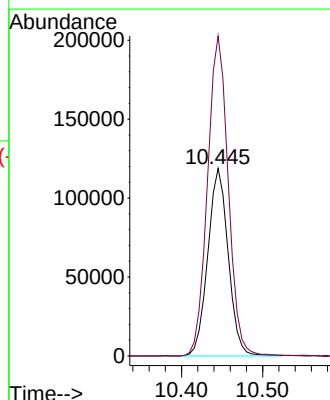
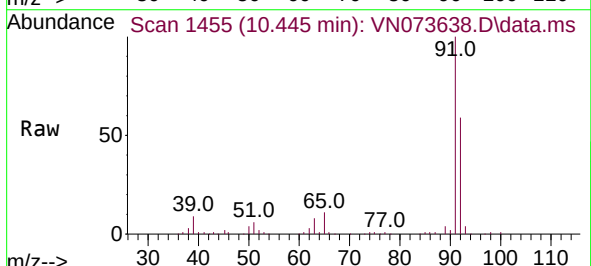
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

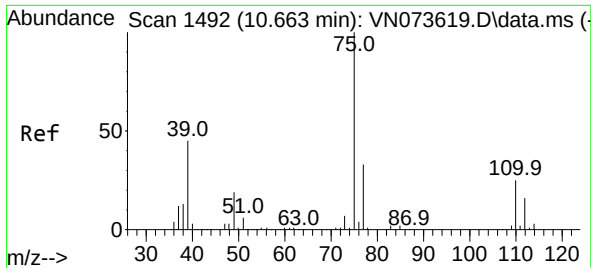
Tgt Ion: 43 Resp: 675058  
Ion Ratio Lower Upper  
43 100  
58 42.0 34.1 51.1



#52  
Toluene  
Concen: 20.796 ug/l  
RT: 10.445 min Scan# 1455  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion: 92 Resp: 207339  
Ion Ratio Lower Upper  
92 100  
91 173.7 138.6 207.8

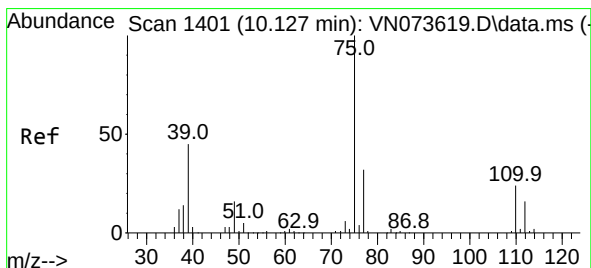
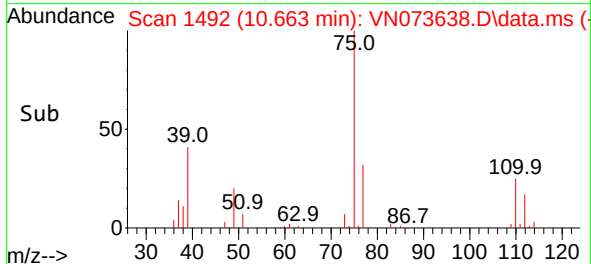
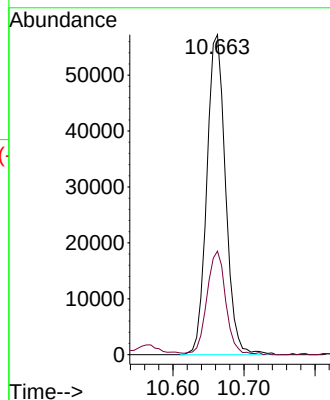
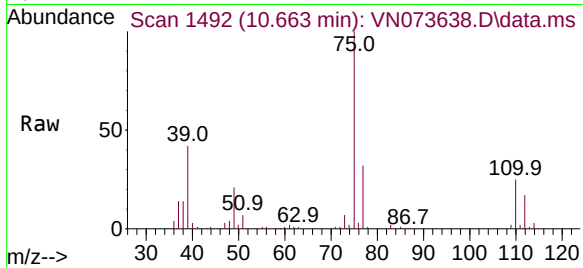




#53  
 t-1,3-Dichloropropene  
 Concen: 19.509 ug/l  
 RT: 10.663 min Scan# 1492  
 Delta R.T. -0.000 min  
 Lab File: VN073638.D  
 Acq: 29 Jul 2022 16:34

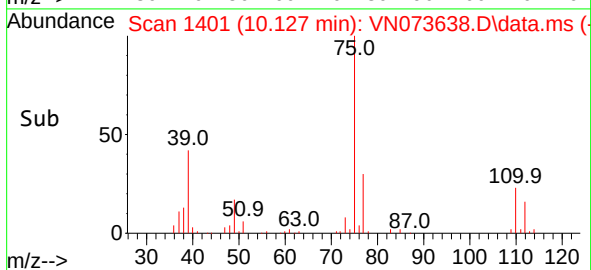
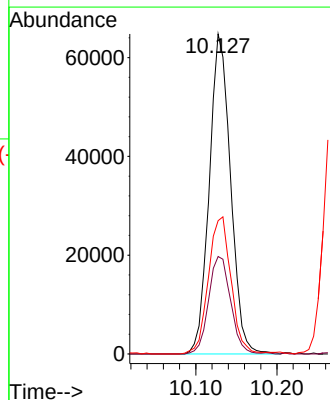
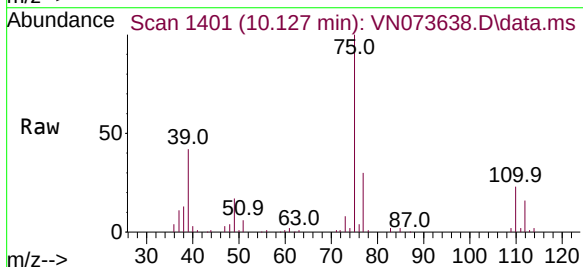
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0729WBS02

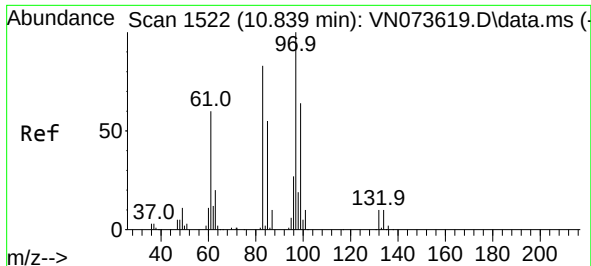
Tgt Ion: 75 Resp: 104745  
 Ion Ratio Lower Upper  
 75 100  
 77 32.4 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.504 ug/l  
 RT: 10.127 min Scan# 1401  
 Delta R.T. -0.000 min  
 Lab File: VN073638.D  
 Acq: 29 Jul 2022 16:34

Tgt Ion: 75 Resp: 118005  
 Ion Ratio Lower Upper  
 75 100  
 77 30.4 25.2 37.8  
 39 41.6 35.7 53.5

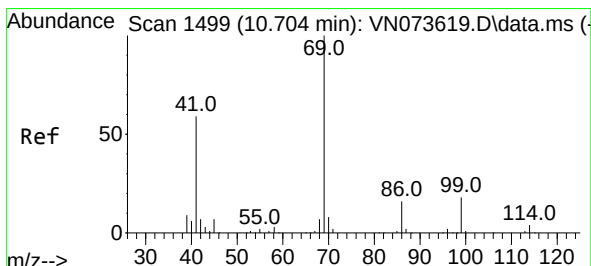
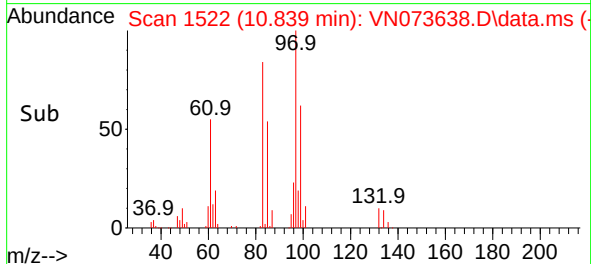
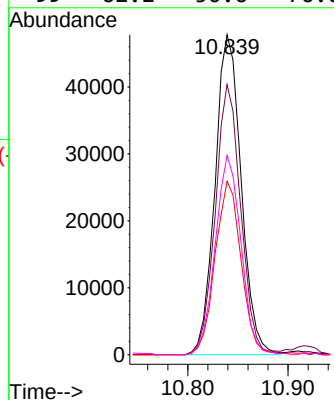
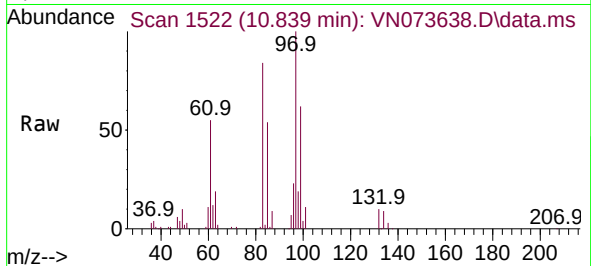




#55  
1,1,2-Trichloroethane  
Concen: 20.806 ug/l  
RT: 10.839 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

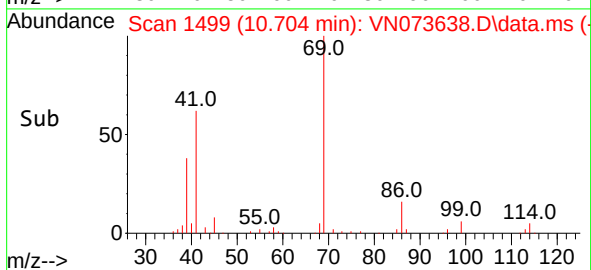
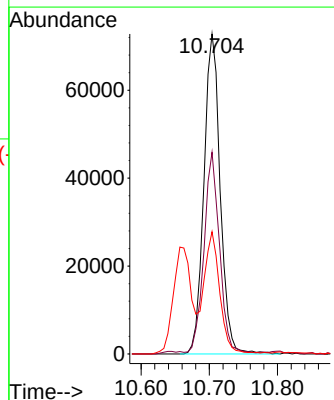
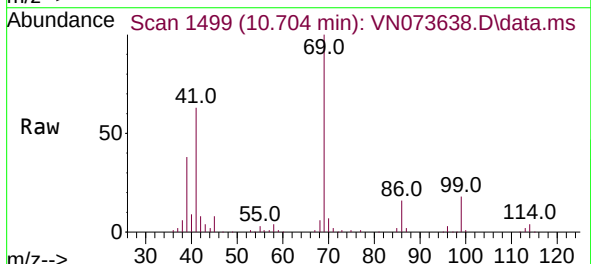
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 86502 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.4  | 66.2  | 99.4  |
| 85       | 54.2  | 43.9  | 65.9  |
| 99       | 62.2  | 50.6  | 76.0  |

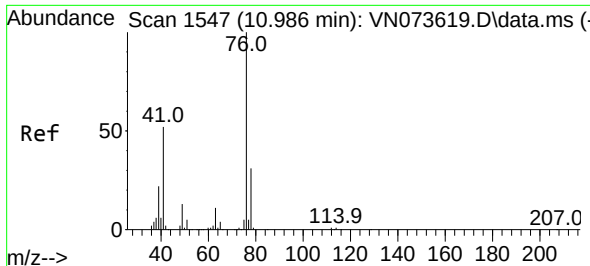


#56  
Ethyl methacrylate  
Concen: 21.159 ug/l  
RT: 10.704 min Scan# 1499  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 121248 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 59.5  | 47.8  | 71.6   |
| 39       | 37.6  | 27.3  | 40.9   |







#57

1,3-Dichloropropane

Concen: 19.848 ug/l

RT: 10.986 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

Instrument :

MSVOA\_N

ClientSampleId :

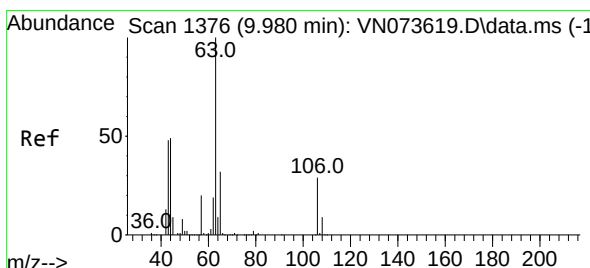
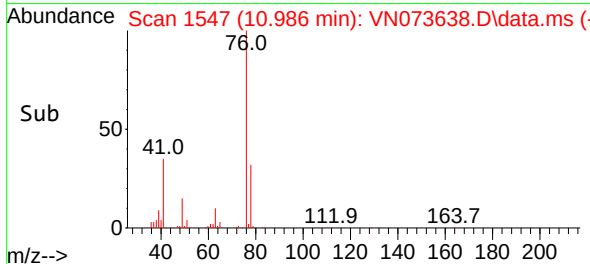
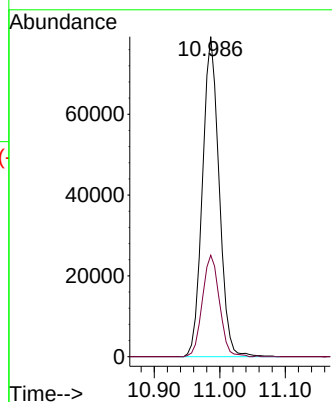
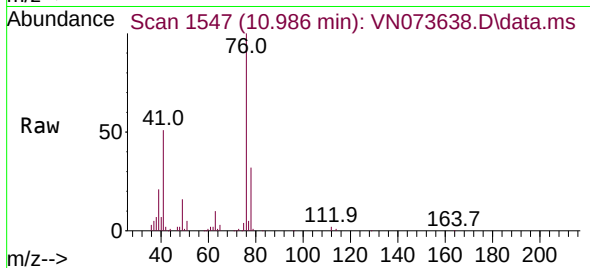
VN0729WBS02

Tgt Ion: 76 Resp: 140005

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 104.588 ug/l

RT: 9.986 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VN073638.D

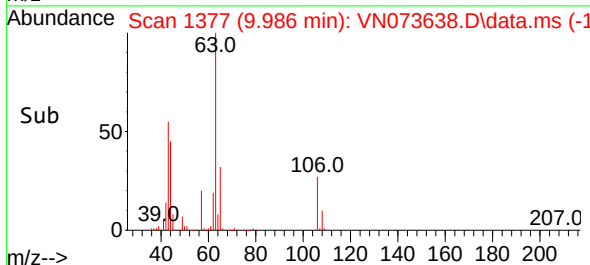
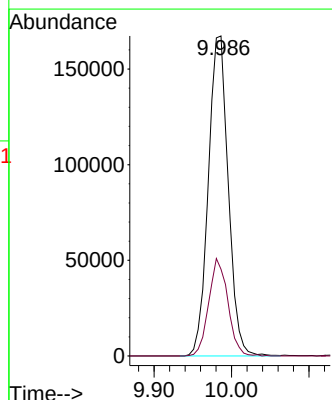
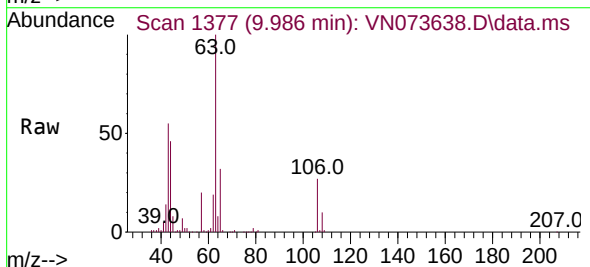
Acq: 29 Jul 2022 16:34

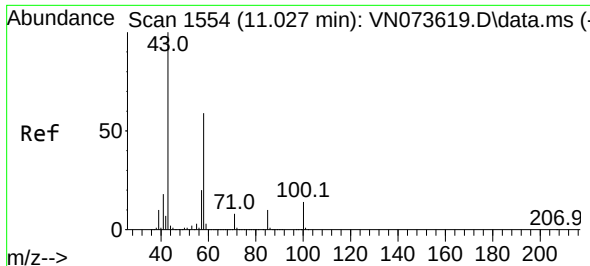
Tgt Ion: 63 Resp: 298885

Ion Ratio Lower Upper

63 100

106 29.2 24.6 36.8

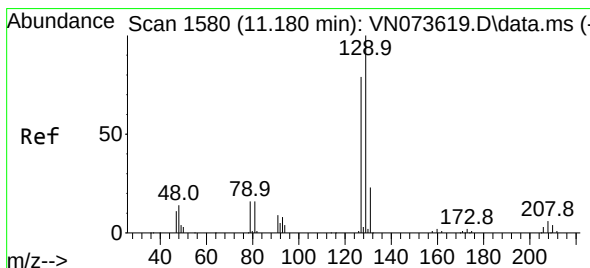
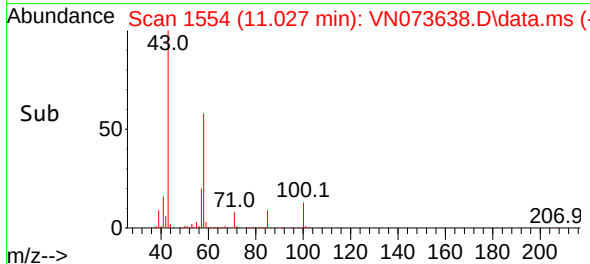
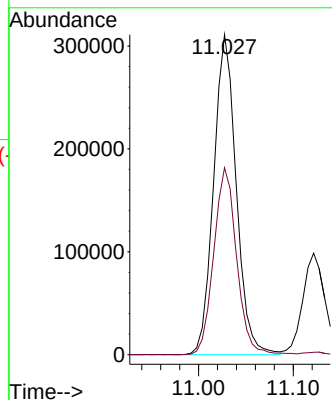
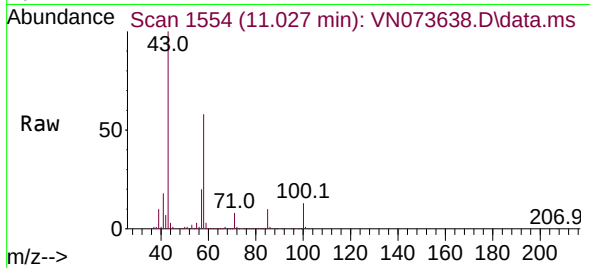




#59  
2-Hexanone  
Concen: 106.237 ug/l  
RT: 11.027 min Scan# 1554  
Delta R.T. 0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

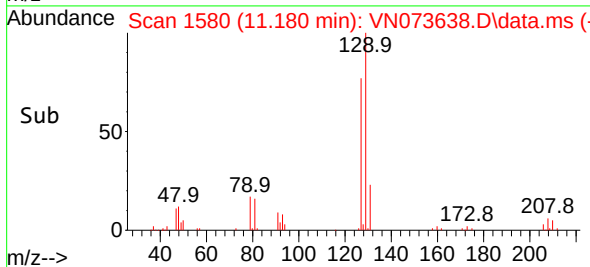
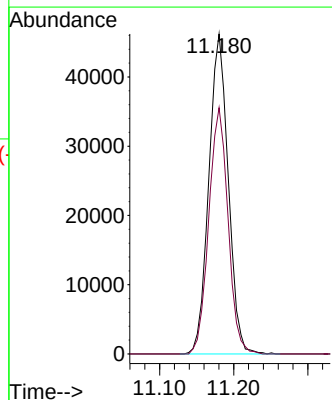
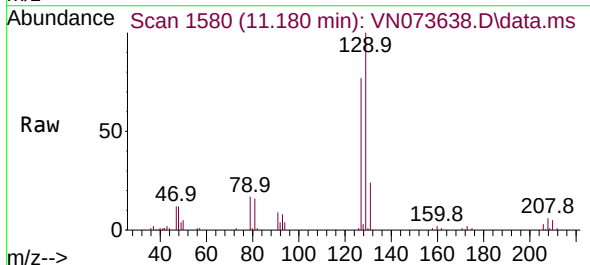
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

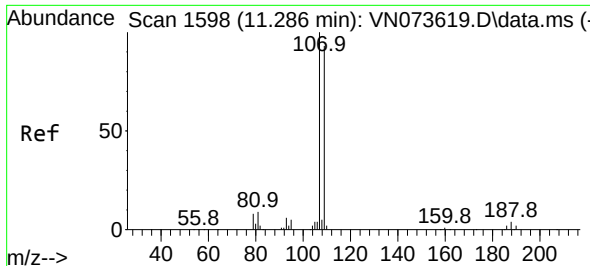
Tgt Ion: 43 Resp: 516187  
Ion Ratio Lower Upper  
43 100  
58 59.1 29.7 89.1



#60  
Dibromochloromethane  
Concen: 20.299 ug/l  
RT: 11.180 min Scan# 1580  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion: 129 Resp: 83962  
Ion Ratio Lower Upper  
129 100  
127 76.4 38.8 116.4

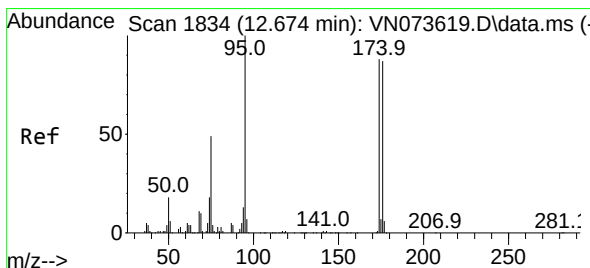
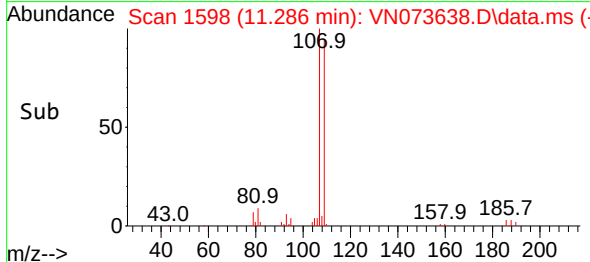
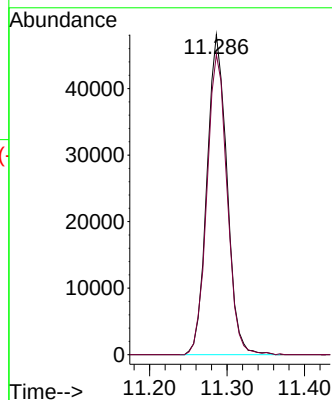
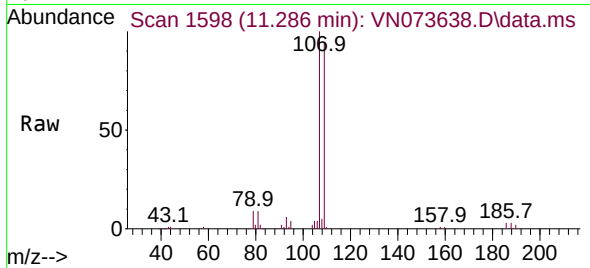




#61  
1,2-Dibromoethane  
Concen: 20.101 ug/l  
RT: 11.286 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

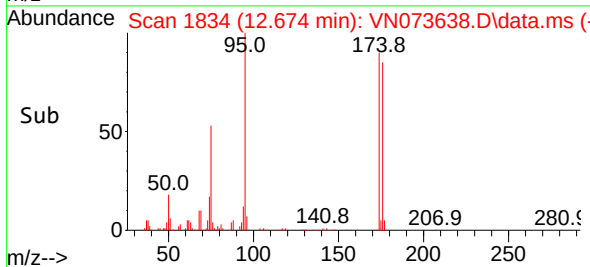
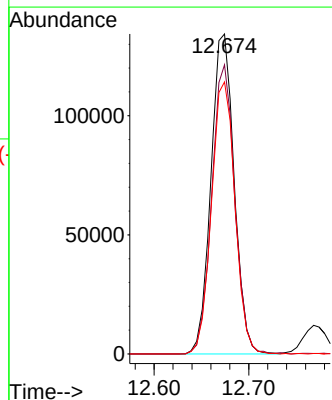
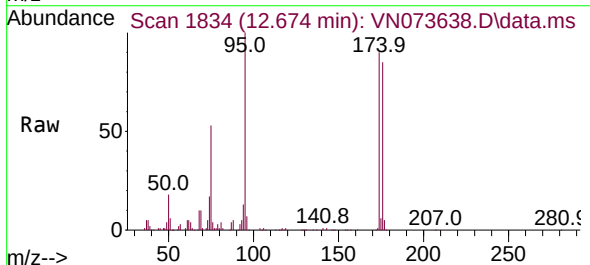
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

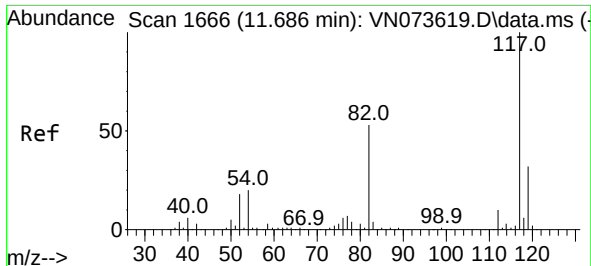
Tgt Ion:107 Resp: 86073  
Ion Ratio Lower Upper  
107 100  
109 95.0 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 49.408 ug/l  
RT: 12.674 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion: 95 Resp: 228569  
Ion Ratio Lower Upper  
95 100  
174 89.4 0.0 167.6  
176 86.1 0.0 163.4

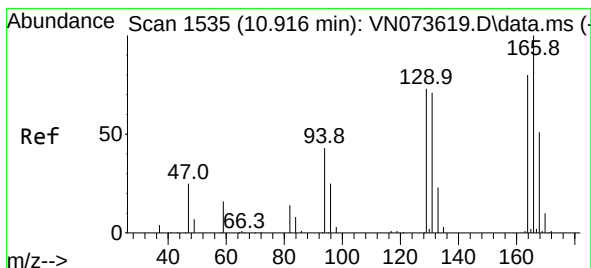
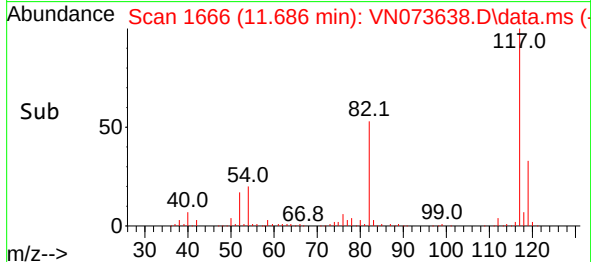
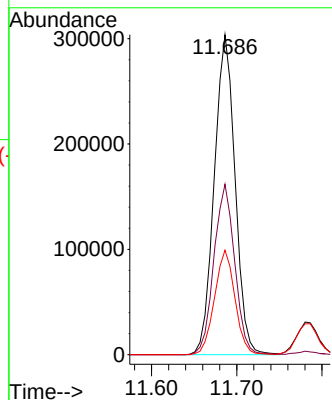
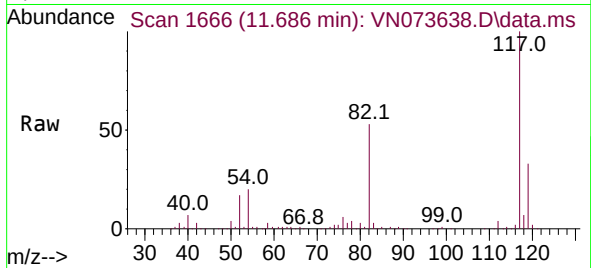




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

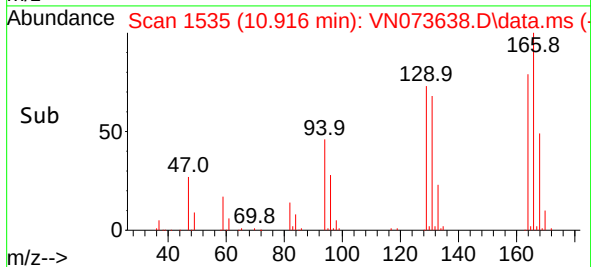
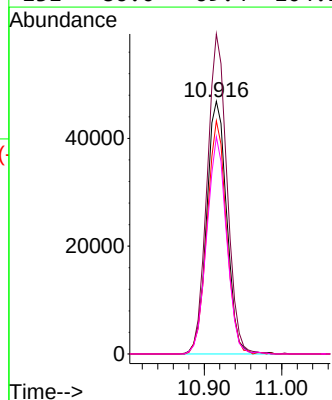
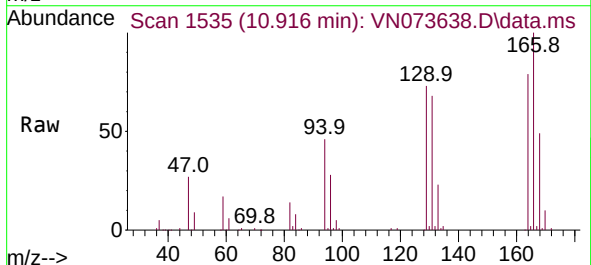
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

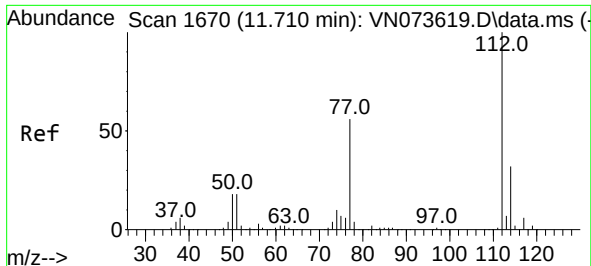
Tgt Ion:117 Resp: 516833  
Ion Ratio Lower Upper  
117 100  
82 53.3 44.2 66.2  
119 32.7 25.4 38.0



#64  
Tetrachloroethene  
Concen: 20.528 ug/l  
RT: 10.916 min Scan# 1535  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion:164 Resp: 84317  
Ion Ratio Lower Upper  
164 100  
166 126.7 104.2 156.2  
129 92.3 73.9 110.9  
131 86.0 69.4 104.2

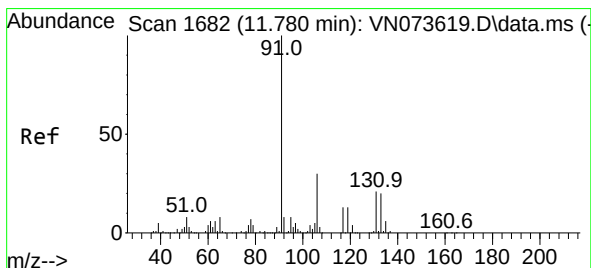
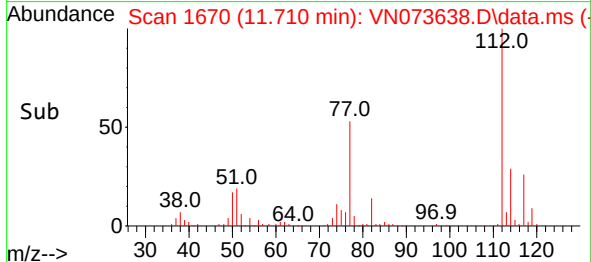
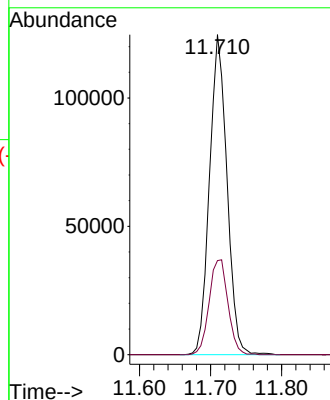
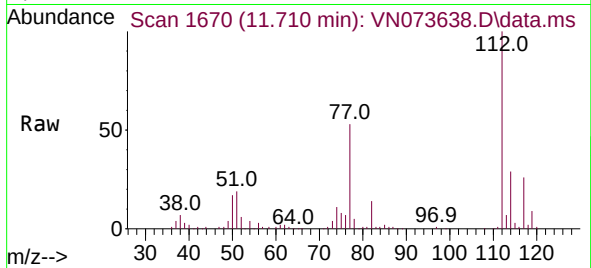




#65  
Chlorobenzene  
Concen: 19.395 ug/l  
RT: 11.710 min Scan# 1670  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

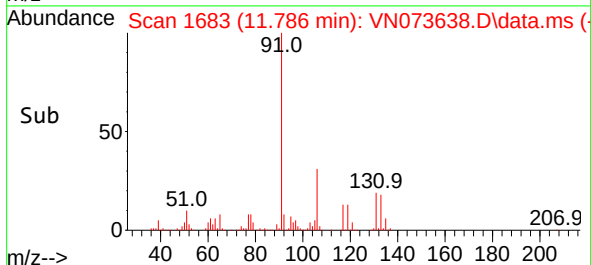
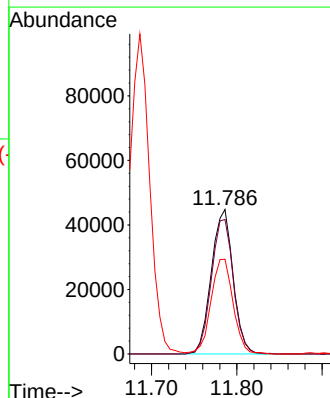
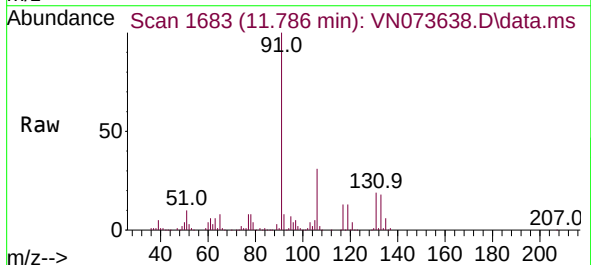
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

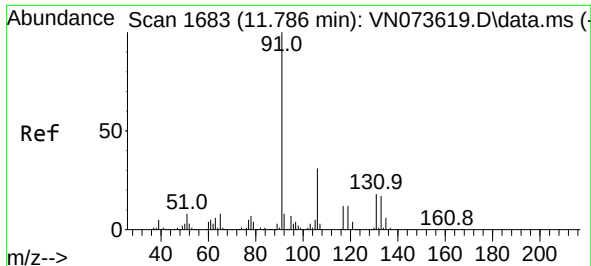
Tgt Ion:112 Resp: 212913  
Ion Ratio Lower Upper  
112 100  
114 29.4 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.115 ug/l  
RT: 11.786 min Scan# 1683  
Delta R.T. 0.006 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion:131 Resp: 79203  
Ion Ratio Lower Upper  
131 100  
133 94.8 47.8 143.4  
119 66.8 33.4 100.2





#67

Ethyl Benzene

Concen: 20.246 ug/l

RT: 11.786 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

Instrument :

MSVOA\_N

ClientSampleId :

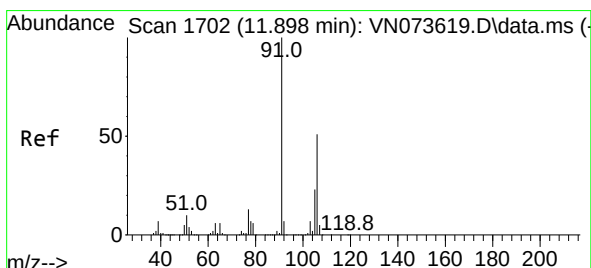
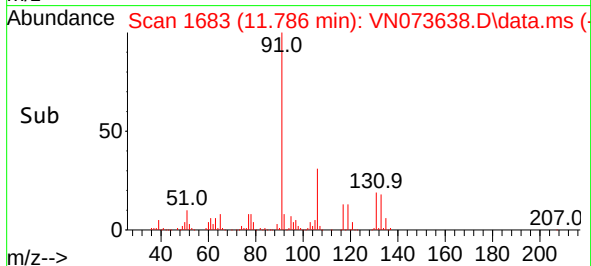
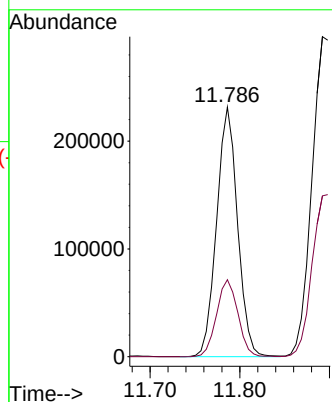
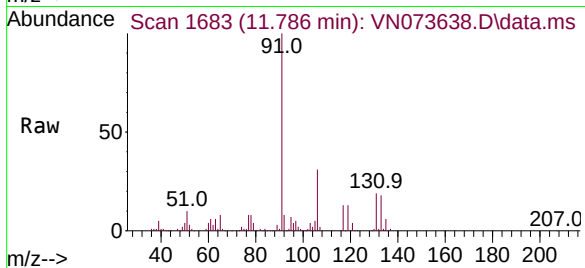
VN0729WBS02

Tgt Ion: 91 Resp: 374958

Ion Ratio Lower Upper

91 100

106 30.8 24.9 37.3



#68

m/p-Xylenes

Concen: 41.170 ug/l

RT: 11.898 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN073638.D

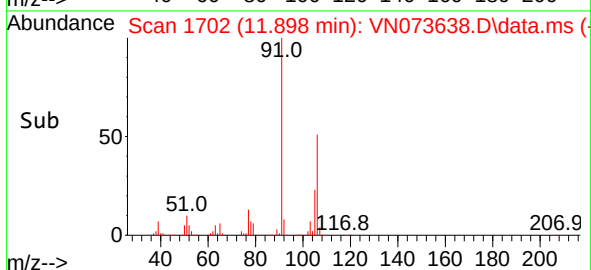
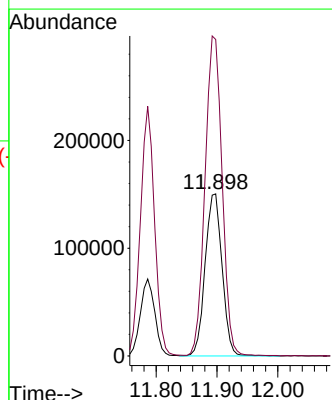
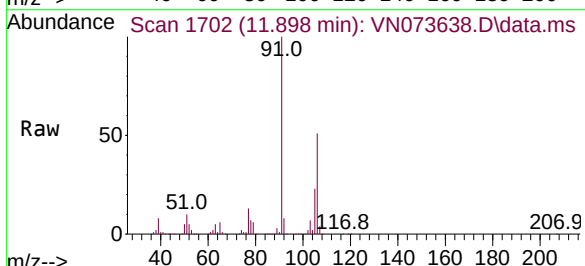
Acq: 29 Jul 2022 16:34

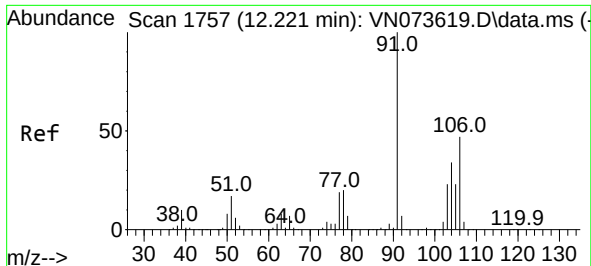
Tgt Ion: 106 Resp: 290810

Ion Ratio Lower Upper

106 100

91 199.3 158.9 238.3

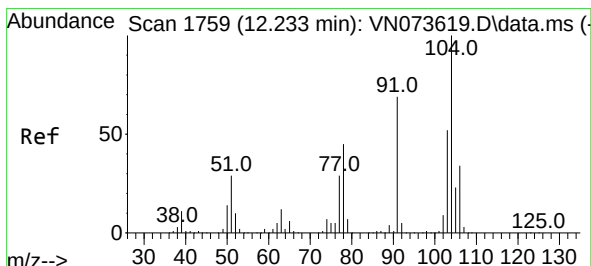
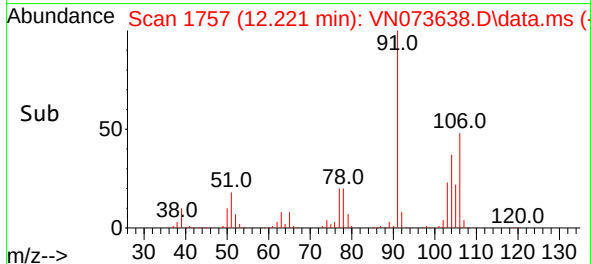
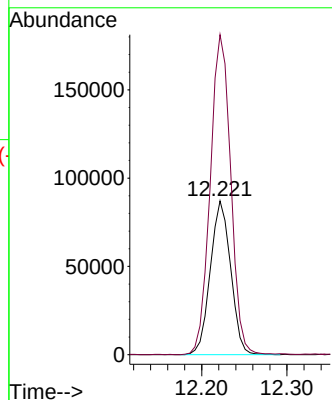
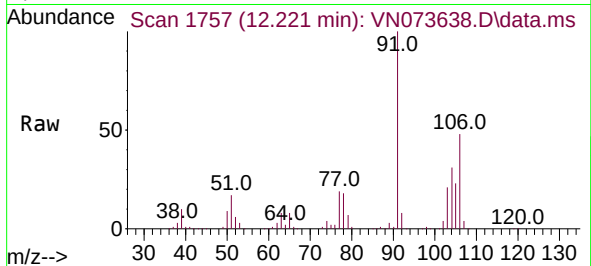




#69  
o-Xylene  
Concen: 20.987 ug/l  
RT: 12.221 min Scan# 1757  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

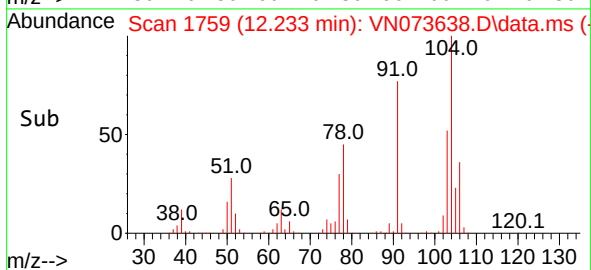
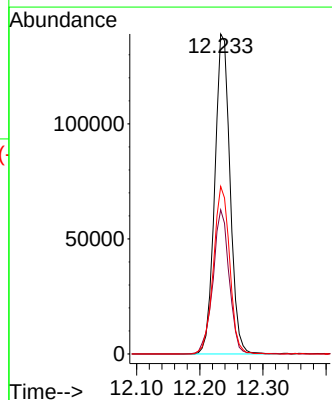
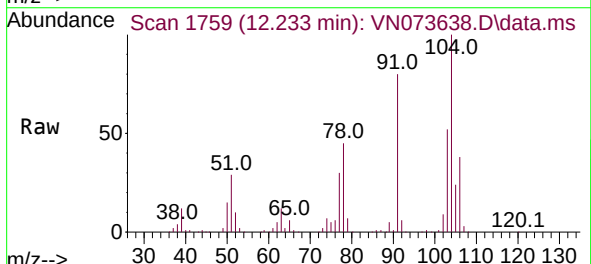
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

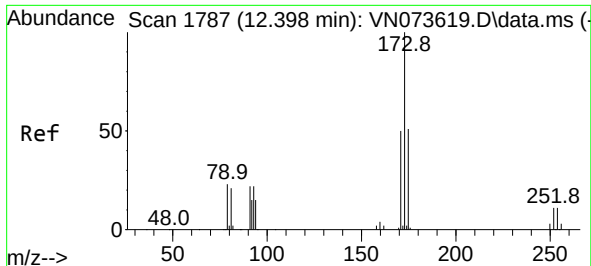
Tgt Ion:106 Resp: 144528  
Ion Ratio Lower Upper  
106 100  
91 209.9 106.0 318.0



#70  
Styrene  
Concen: 21.233 ug/l  
RT: 12.233 min Scan# 1759  
Delta R.T. 0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion:104 Resp: 234068  
Ion Ratio Lower Upper  
104 100  
78 47.5 39.5 59.3  
103 55.4 44.0 66.0

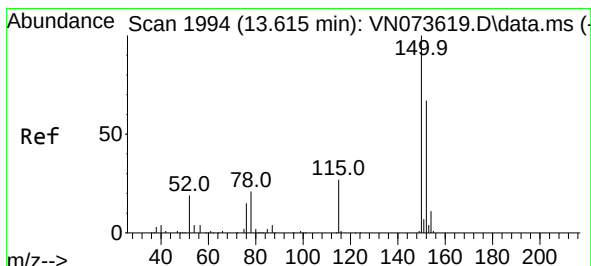
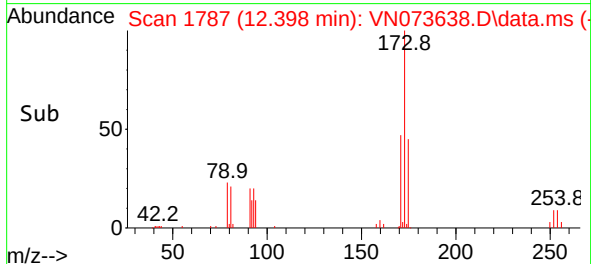
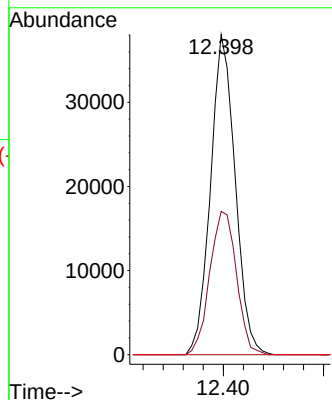
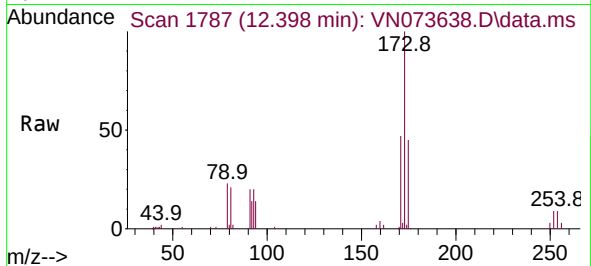




#71  
Bromoform  
Concen: 19.971 ug/l  
RT: 12.398 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

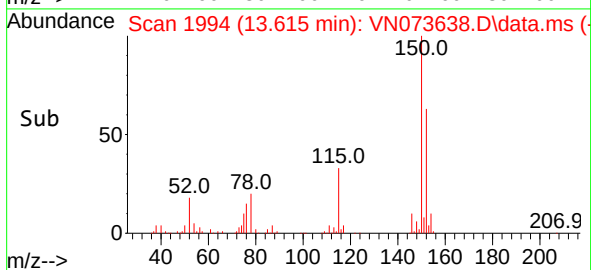
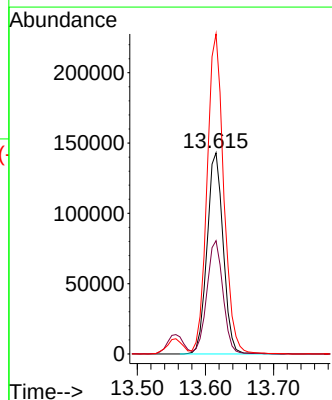
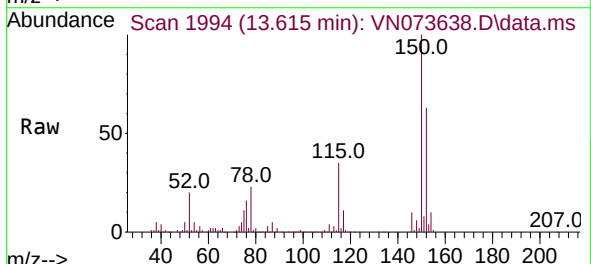
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

Tgt Ion:173 Resp: 64908  
Ion Ratio Lower Upper  
173 100  
175 48.5 24.6 73.6  
254 0.0 0.1 0.1#

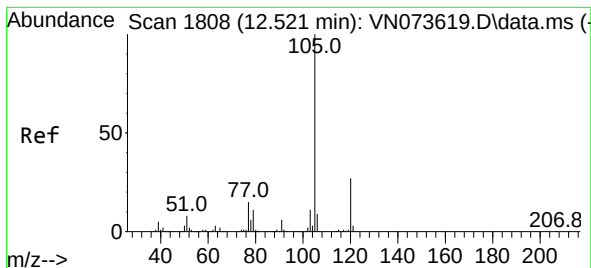


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.615 min Scan# 1994  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion:152 Resp: 234964  
Ion Ratio Lower Upper  
152 100  
115 56.7 28.9 86.7  
150 165.4 0.0 356.2







#73

Isopropylbenzene

Concen: 21.269 ug/l

RT: 12.521 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

Instrument :

MSVOA\_N

ClientSampleId :

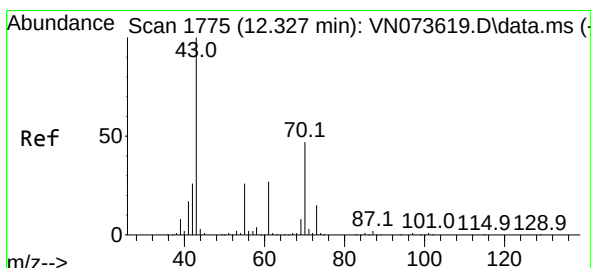
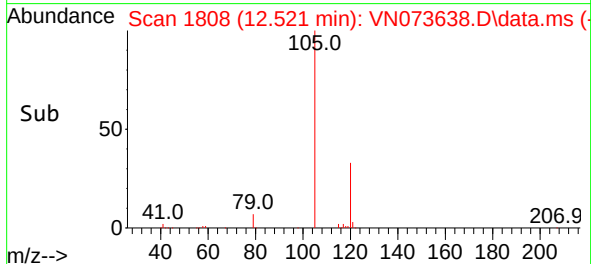
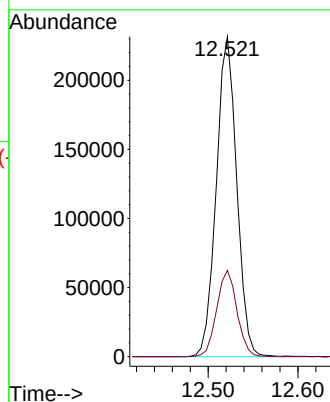
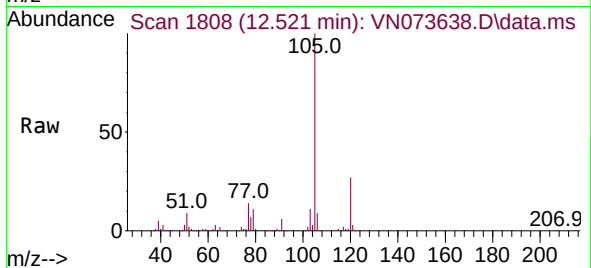
VN0729WBS02

Tgt Ion:105 Resp: 365827

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



#74

N-ethyl acetate

Concen: 20.777 ug/l

RT: 12.333 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

Tgt Ion: 43 Resp: 135023

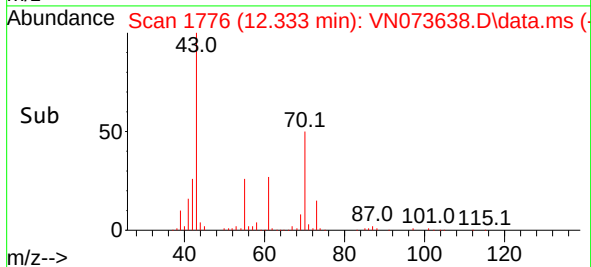
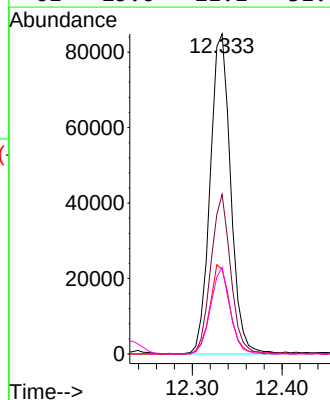
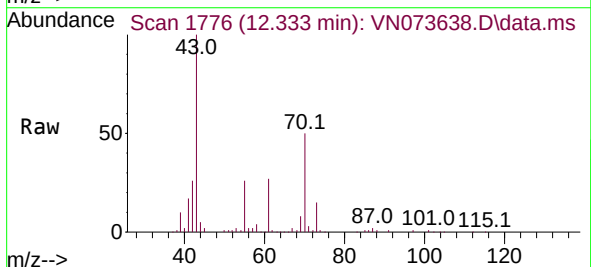
Ion Ratio Lower Upper

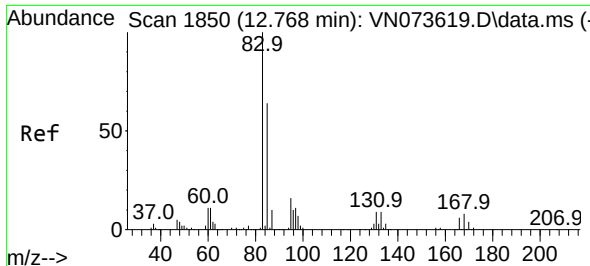
43 100

70 47.8 39.0 58.4

55 27.3 21.1 31.7

61 25.6 21.1 31.7

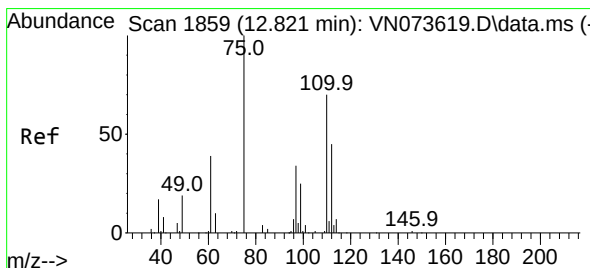
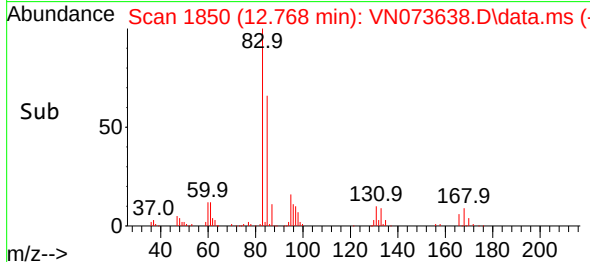
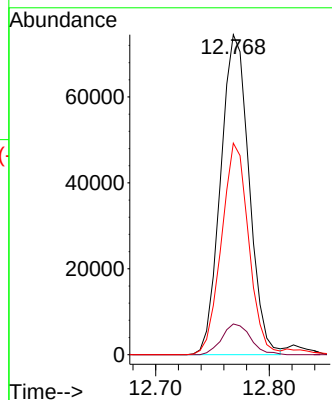
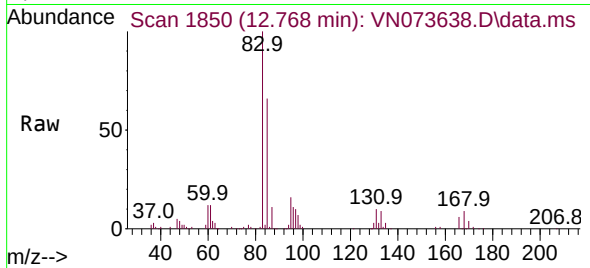




#75  
 1,1,2-Tetrachloroethane  
 Concen: 19.495 ug/l  
 RT: 12.768 min Scan# 1850  
 Delta R.T. -0.000 min  
 Lab File: VN073638.D  
 Acq: 29 Jul 2022 16:34

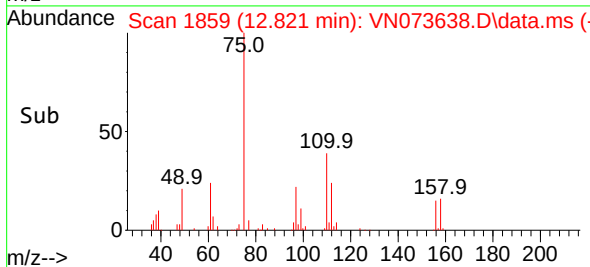
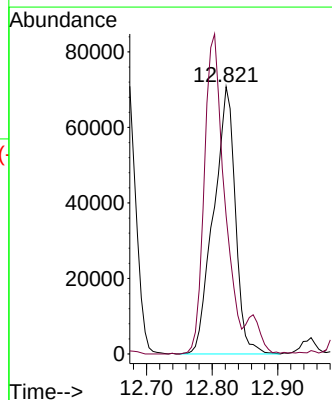
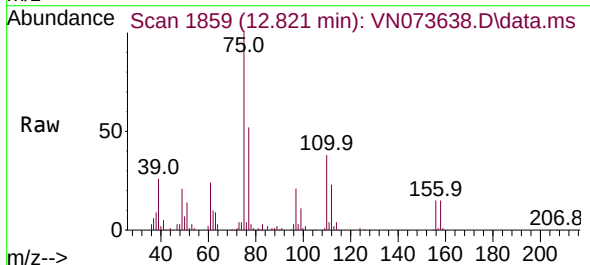
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0729WBS02

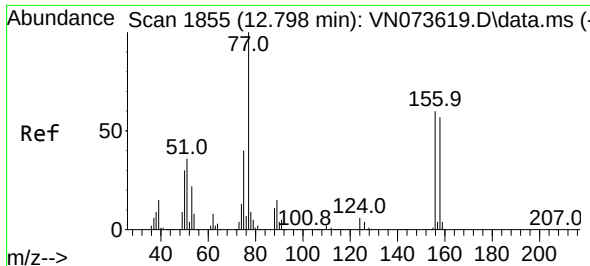
Tgt Ion: 83 Resp: 129391  
 Ion Ratio Lower Upper  
 83 100  
 131 9.7 5.3 15.9  
 85 63.3 32.3 96.9



#76  
 1,2,3-Trichloropropane  
 Concen: 36.951 ug/l  
 RT: 12.821 min Scan# 1859  
 Delta R.T. 0.000 min  
 Lab File: VN073638.D  
 Acq: 29 Jul 2022 16:34

Tgt Ion: 75 Resp: 162673  
 Ion Ratio Lower Upper  
 75 100  
 77 110.9 98.5 295.5

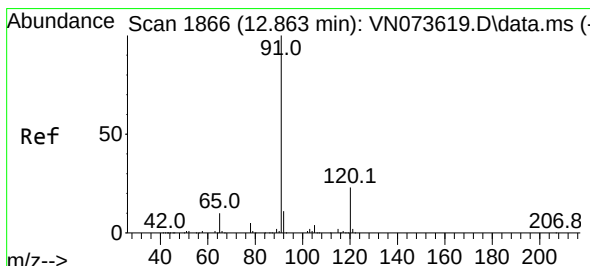
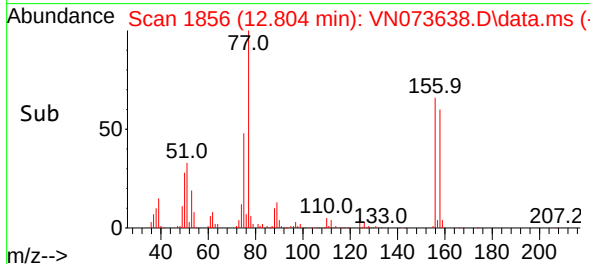
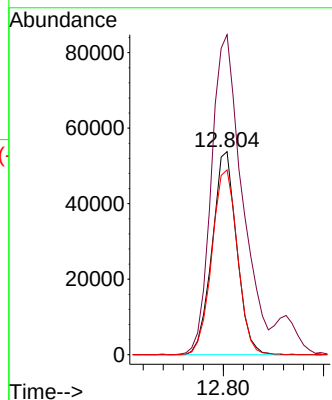
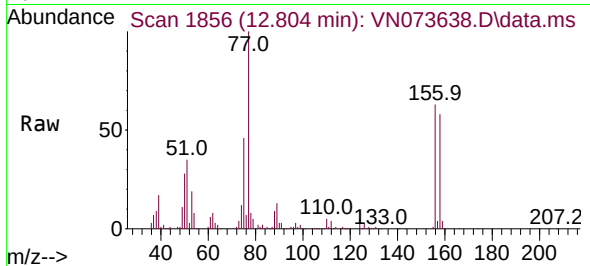




#77  
Bromobenzene  
Concen: 20.421 ug/l  
RT: 12.804 min Scan# 1856  
Delta R.T. 0.006 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

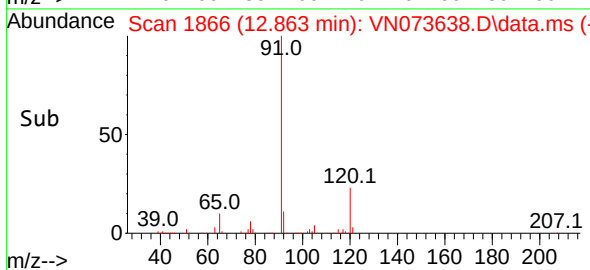
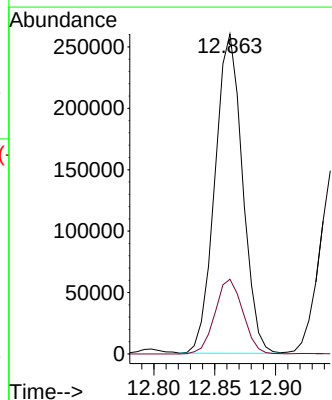
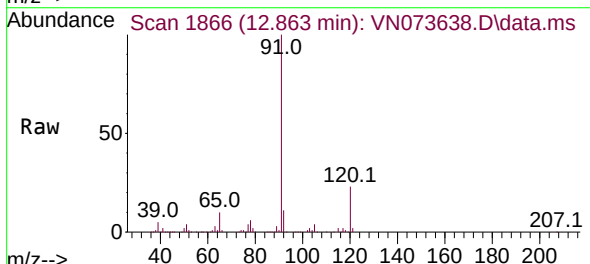
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

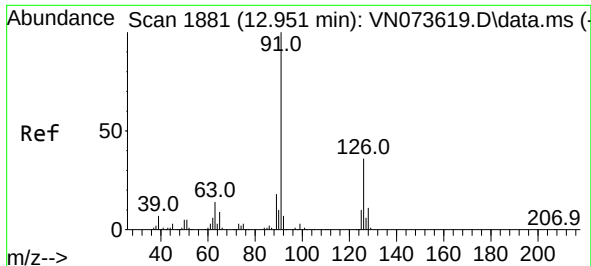
Tgt Ion:156 Resp: 91469  
Ion Ratio Lower Upper  
156 100  
77 197.2 100.5 301.5  
158 95.1 48.9 146.6



#78  
n-propylbenzene  
Concen: 21.165 ug/l  
RT: 12.863 min Scan# 1866  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion: 91 Resp: 409604  
Ion Ratio Lower Upper  
91 100  
120 23.7 11.9 35.5

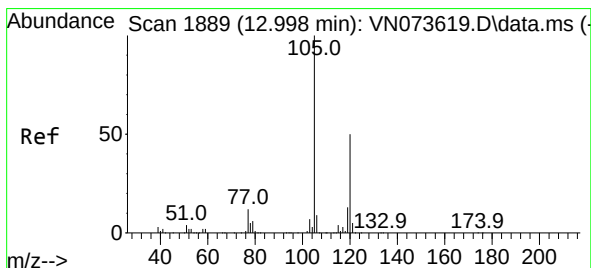
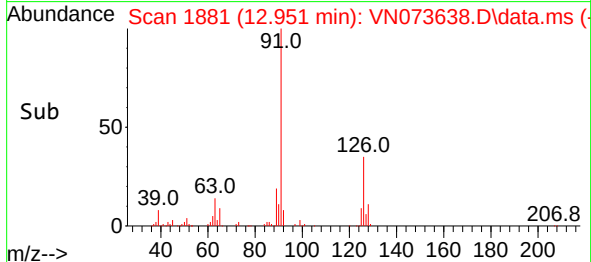
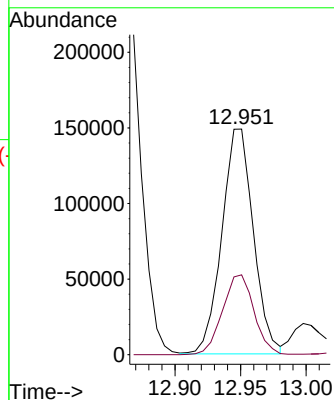
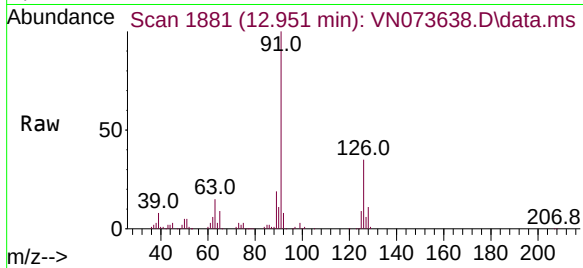




#79  
2-Chlorotoluene  
Concen: 20.611 ug/l  
RT: 12.951 min Scan# 1881  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

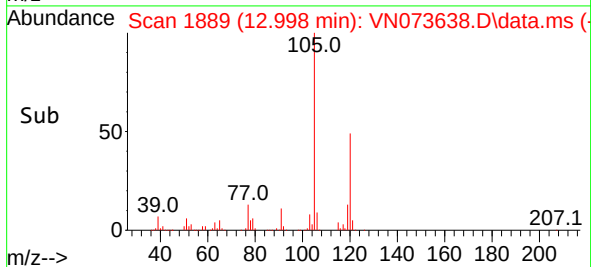
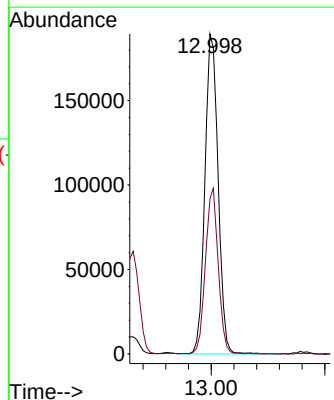
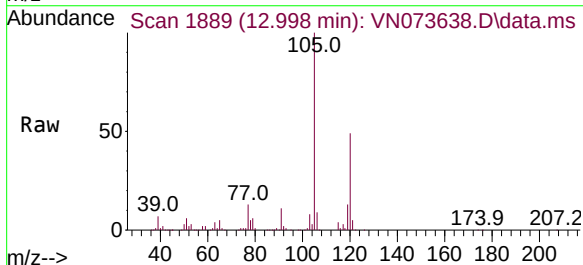
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

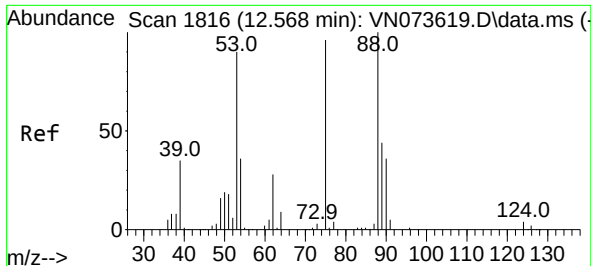
Tgt Ion: 91 Resp: 248961  
Ion Ratio Lower Upper  
91 100  
126 35.5 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 21.504 ug/l  
RT: 12.998 min Scan# 1889  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion: 105 Resp: 304380  
Ion Ratio Lower Upper  
105 100  
120 49.9 24.9 74.7

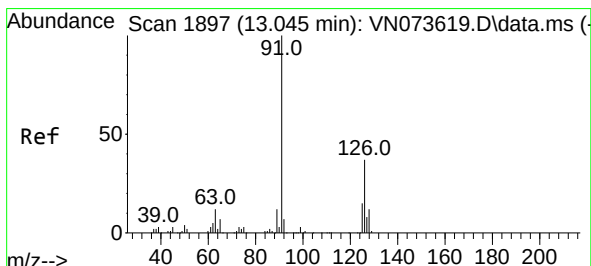
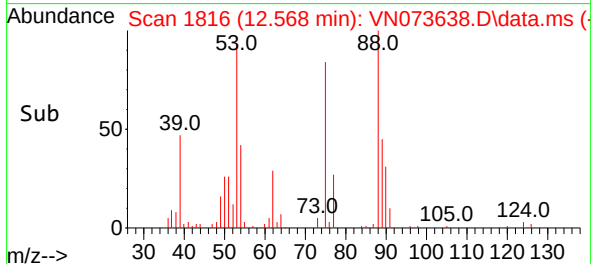
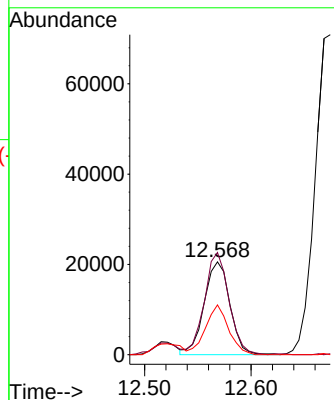
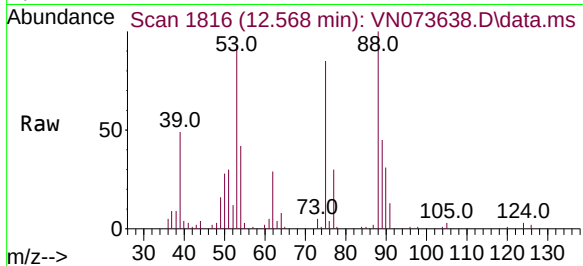




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.033 ug/l  
RT: 12.568 min Scan# 1816  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

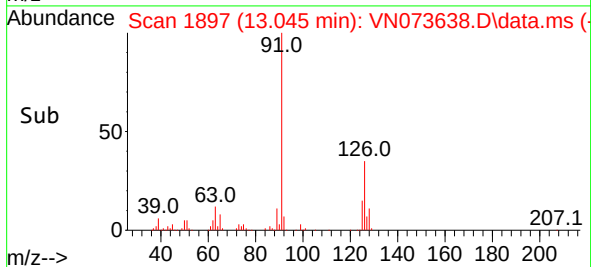
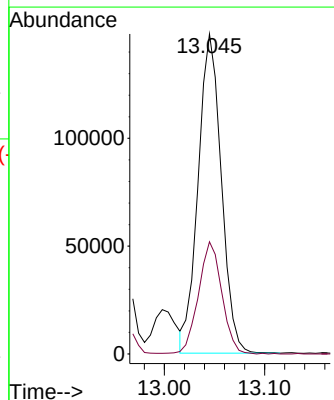
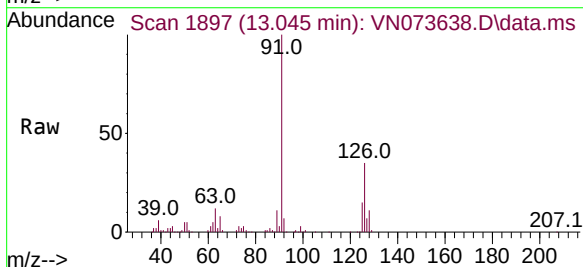
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

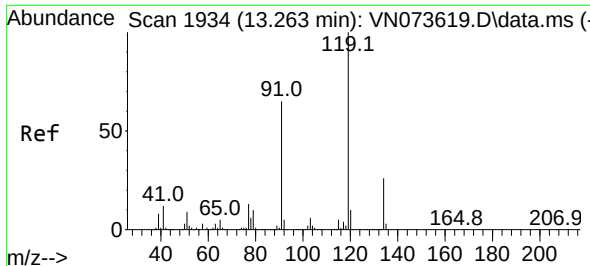
Tgt Ion: 75 Resp: 34508  
Ion Ratio Lower Upper  
75 100  
53 104.5 78.0 117.0  
89 48.1 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 20.792 ug/l  
RT: 13.045 min Scan# 1897  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion: 91 Resp: 238031  
Ion Ratio Lower Upper  
91 100  
126 35.5 17.2 51.6

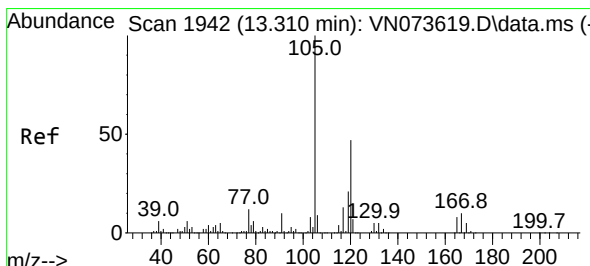
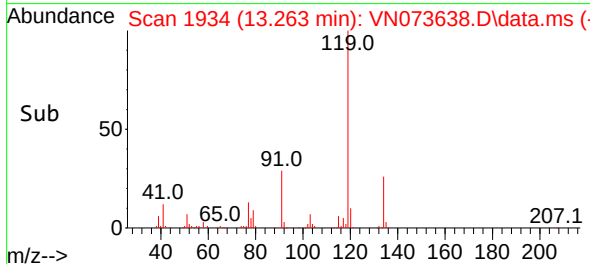
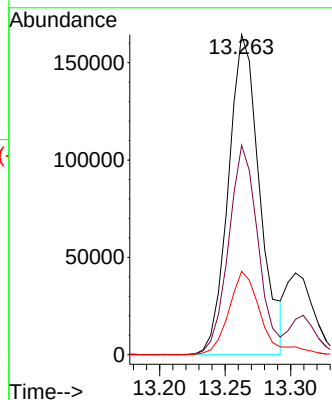
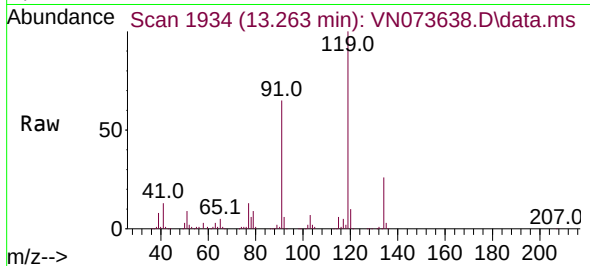




#83  
tert-Butylbenzene  
Concen: 21.737 ug/l  
RT: 13.263 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

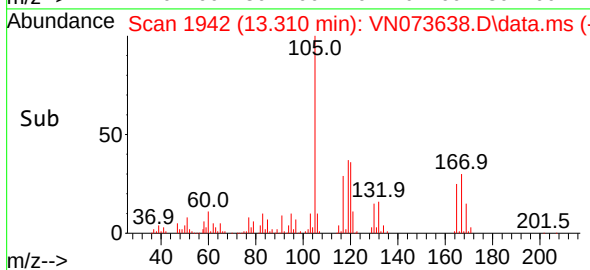
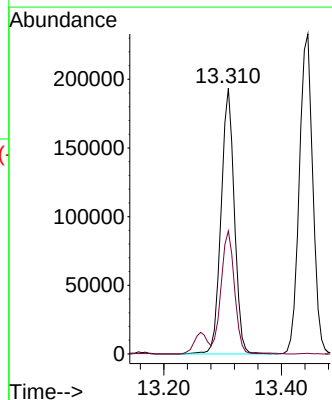
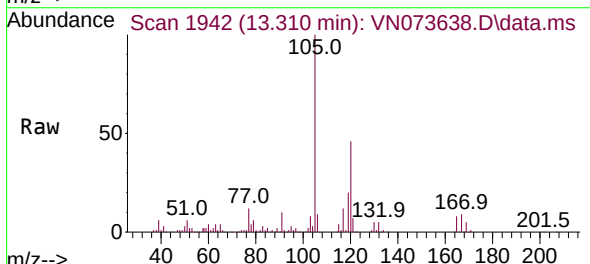
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

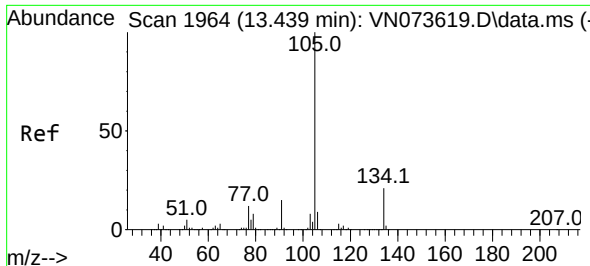
Tgt Ion:119 Resp: 272526  
Ion Ratio Lower Upper  
119 100  
91 61.9 31.6 94.8  
134 27.0 13.7 41.1



#84  
1,2,4-Trimethylbenzene  
Concen: 21.786 ug/l  
RT: 13.310 min Scan# 1942  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion:105 Resp: 303216  
Ion Ratio Lower Upper  
105 100  
120 46.7 23.3 69.8

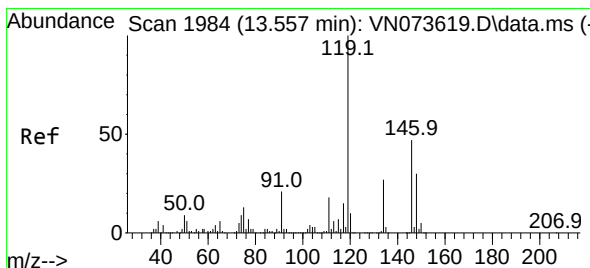
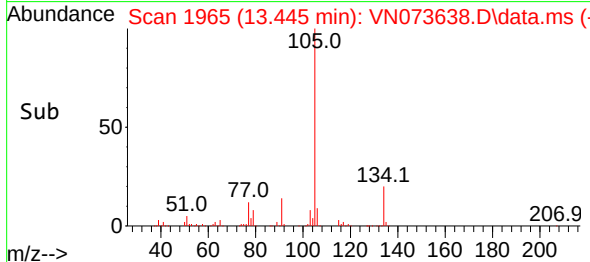
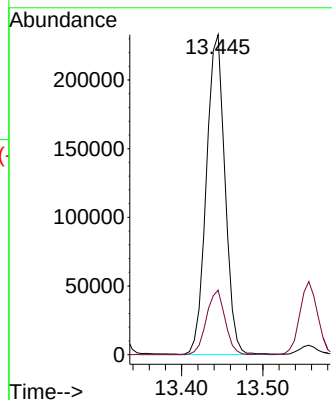
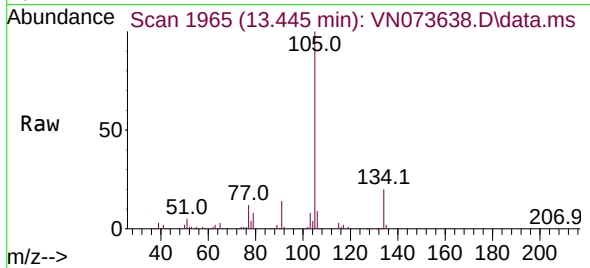




#85  
 sec-Butylbenzene  
 Concen: 21.388 ug/l  
 RT: 13.445 min Scan# 1965  
 Delta R.T. 0.006 min  
 Lab File: VN073638.D  
 Acq: 29 Jul 2022 16:34

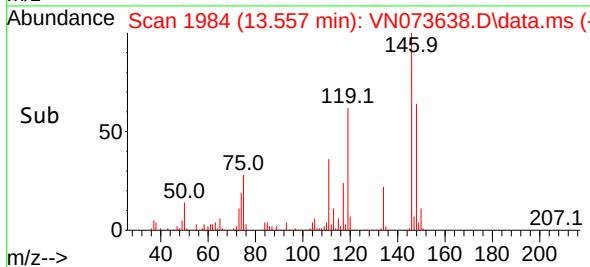
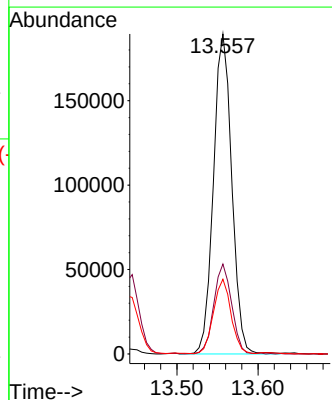
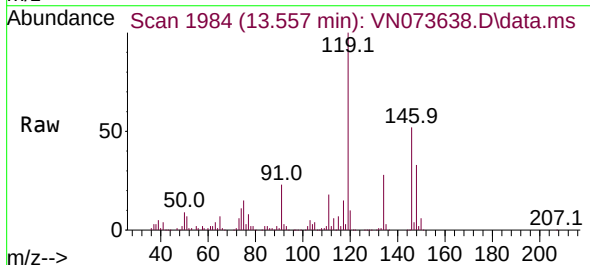
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0729WBS02

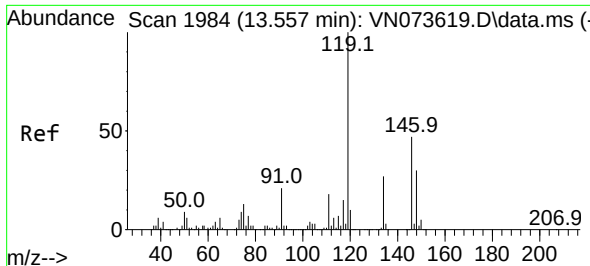
Tgt Ion:105 Resp: 370620  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 21.785 ug/l  
 RT: 13.557 min Scan# 1984  
 Delta R.T. -0.000 min  
 Lab File: VN073638.D  
 Acq: 29 Jul 2022 16:34

Tgt Ion:119 Resp: 297588  
 Ion Ratio Lower Upper  
 119 100  
 134 27.4 13.3 39.8  
 91 22.1 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 19.956 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. -0.000 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0729WBS02

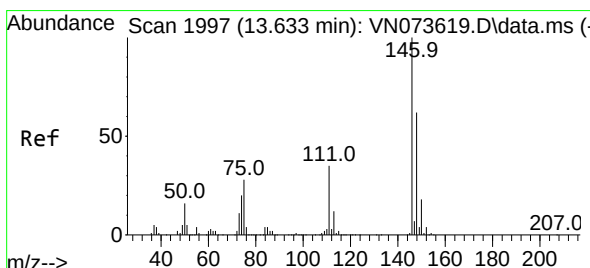
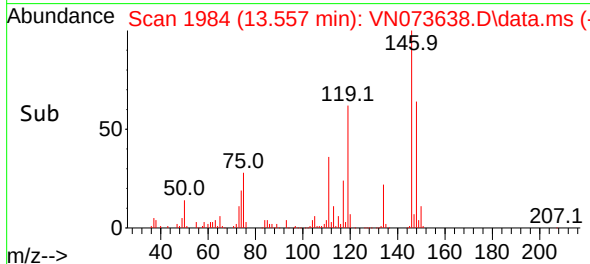
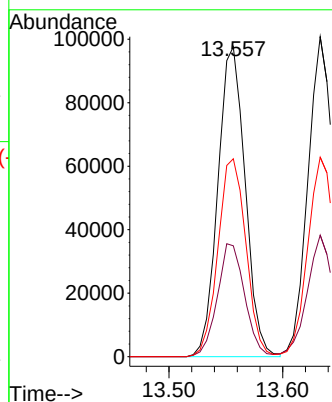
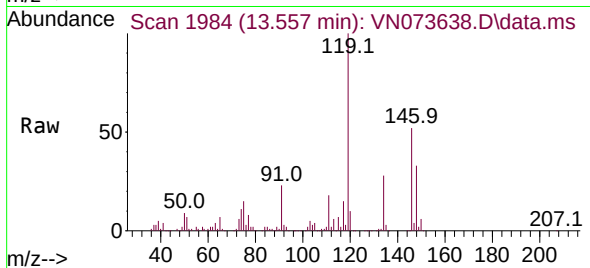
Tgt Ion:146 Resp: 163155

Ion Ratio Lower Upper

146 100

111 36.4 20.0 60.0

148 65.3 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 19.816 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. -0.000 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

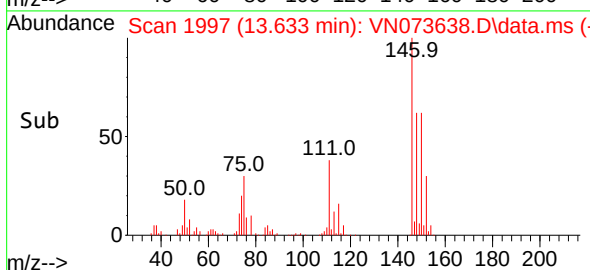
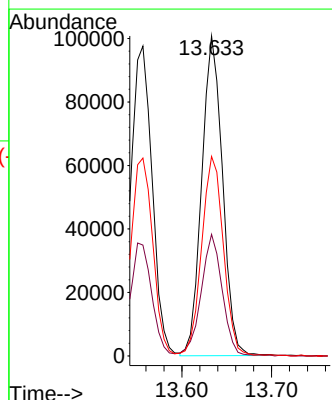
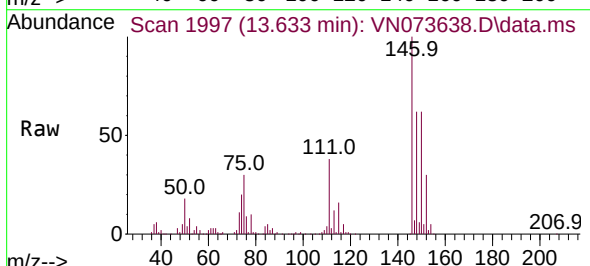
Tgt Ion:146 Resp: 162104

Ion Ratio Lower Upper

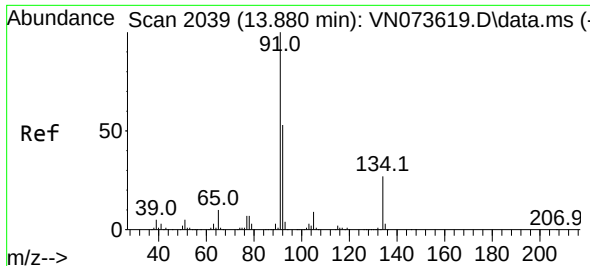
146 100

111 38.7 19.1 57.1

148 65.7 31.4 94.3



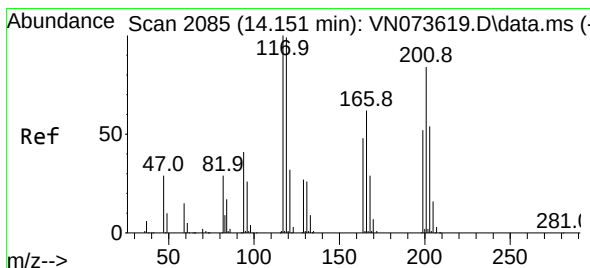
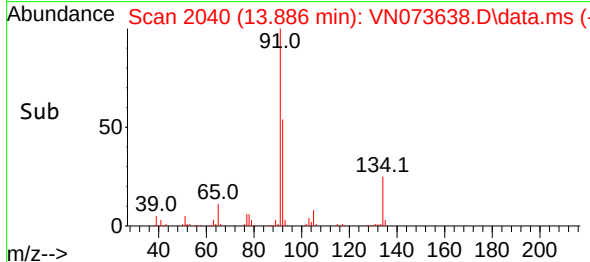
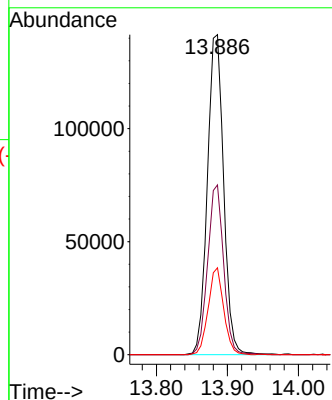
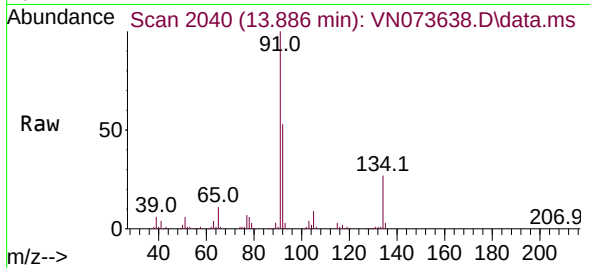




#89  
n-Butylbenzene  
Concen: 20.267 ug/l  
RT: 13.886 min Scan# 2039  
Delta R.T. 0.006 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

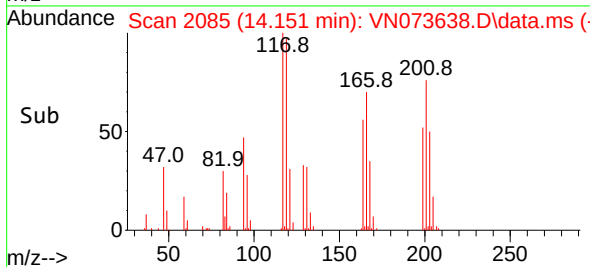
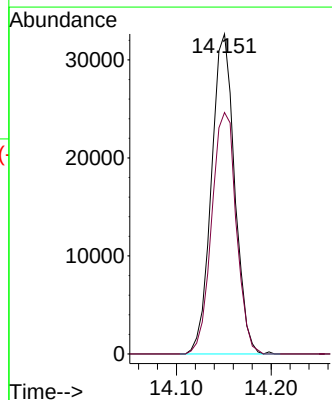
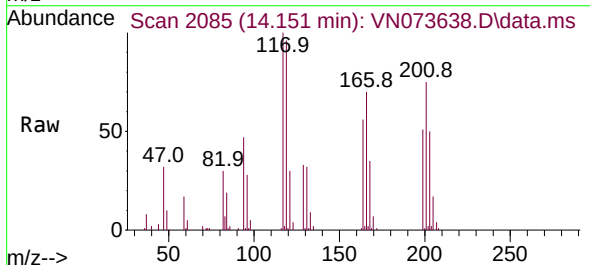
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

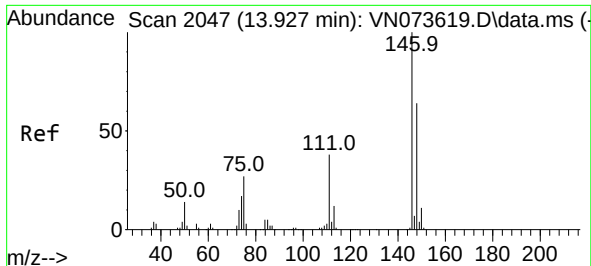
Tgt Ion: 91 Resp: 225257  
Ion Ratio Lower Upper  
91 100  
92 52.3 26.9 80.7  
134 25.9 13.6 40.8



#90  
Hexachloroethane  
Concen: 20.507 ug/l  
RT: 14.151 min Scan# 2085  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion: 117 Resp: 55578  
Ion Ratio Lower Upper  
117 100  
201 79.9 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 20.486 ug/l

RT: 13.927 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0729WBS02

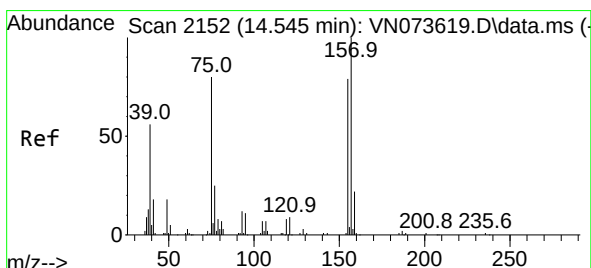
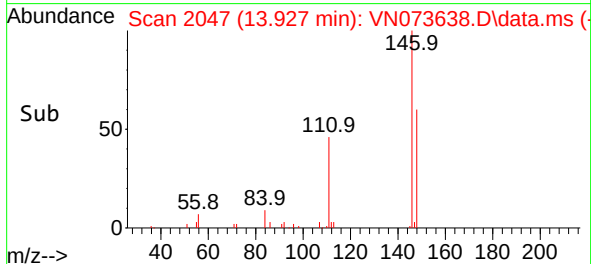
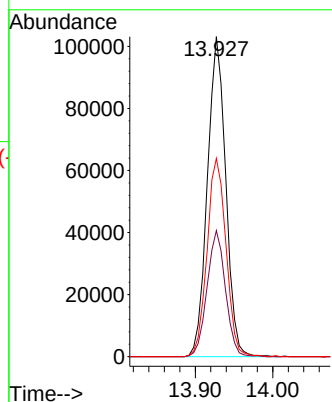
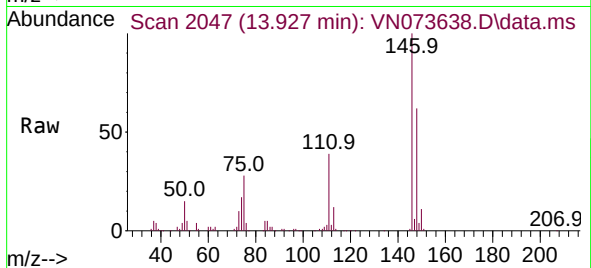
Tgt Ion:146 Resp: 169724

Ion Ratio Lower Upper

146 100

111 39.4 20.9 62.8

148 64.0 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.841 ug/l

RT: 14.545 min Scan# 2152

Delta R.T. -0.000 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

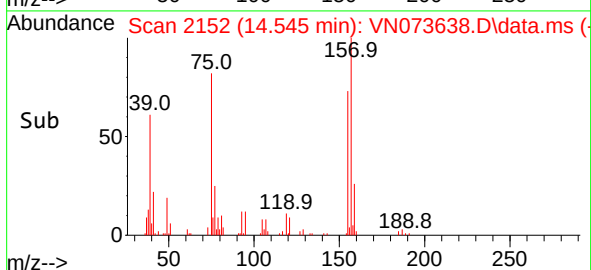
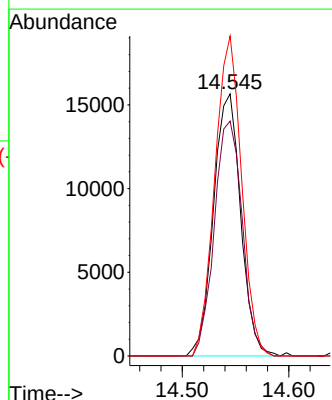
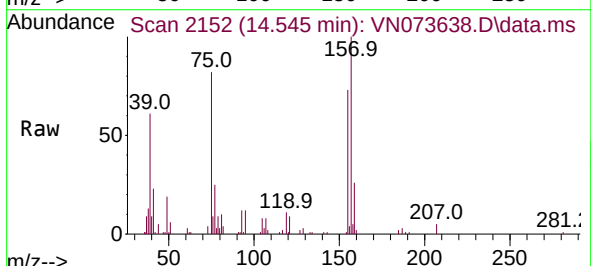
Tgt Ion: 75 Resp: 27793

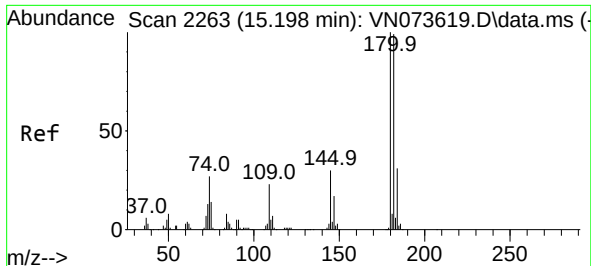
Ion Ratio Lower Upper

75 100

155 91.6 44.9 134.5

157 119.4 59.0 176.8

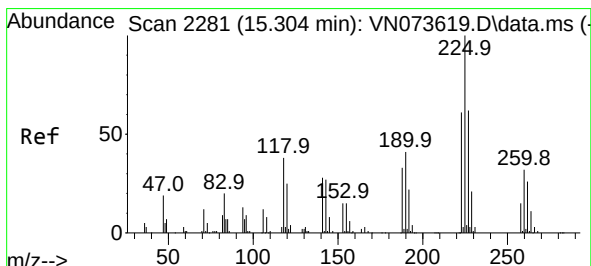
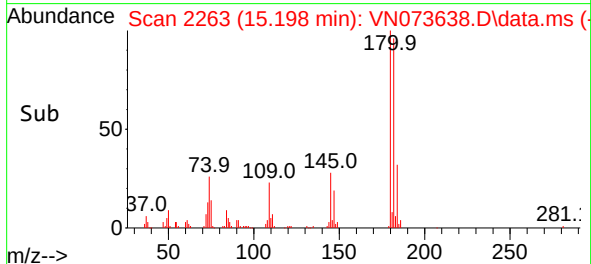
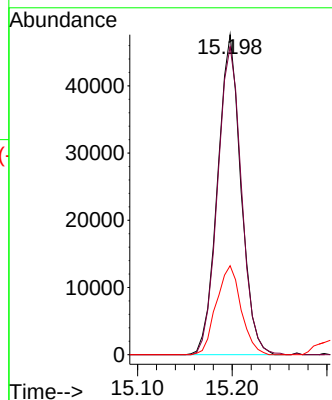
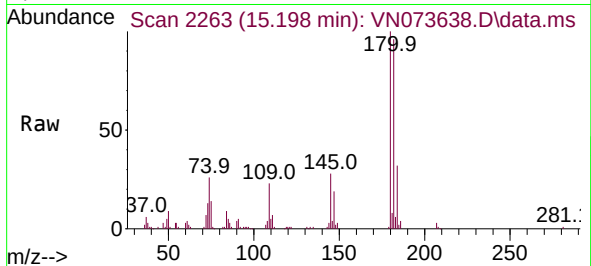




#93  
1,2,4-Trichlorobenzene  
Concen: 19.828 ug/l  
RT: 15.198 min Scan# 2263  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

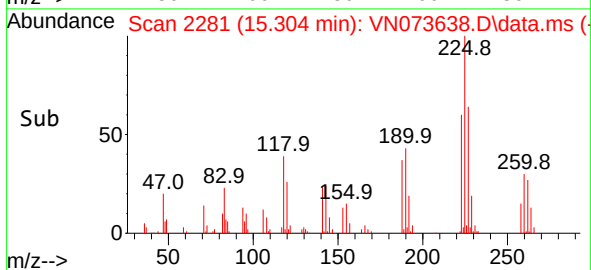
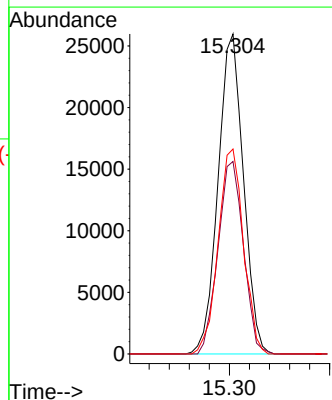
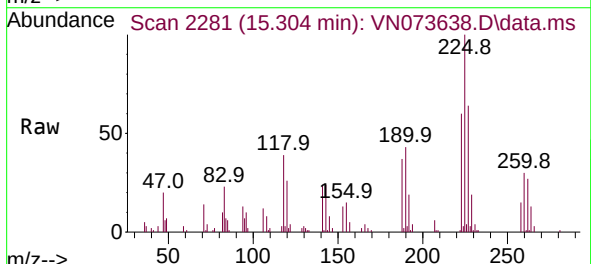
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0729WBS02

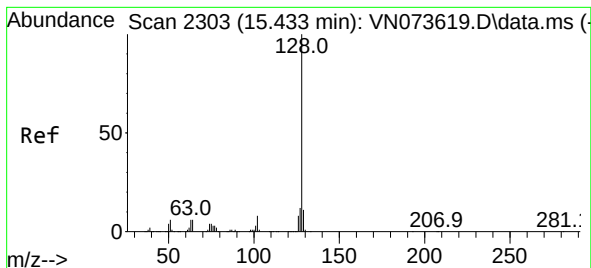
Tgt Ion:180 Resp: 81579  
Ion Ratio Lower Upper  
180 100  
182 98.6 47.5 142.5  
145 29.4 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 20.360 ug/l  
RT: 15.304 min Scan# 2281  
Delta R.T. -0.000 min  
Lab File: VN073638.D  
Acq: 29 Jul 2022 16:34

Tgt Ion:225 Resp: 45540  
Ion Ratio Lower Upper  
225 100  
223 60.2 32.4 97.2  
227 63.9 31.8 95.4





#95

Naphthalene

Concen: 21.652 ug/l

RT: 15.433 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0729WBS02

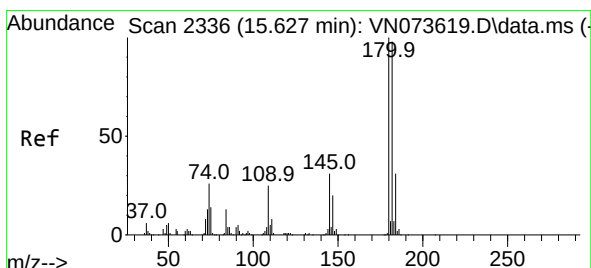
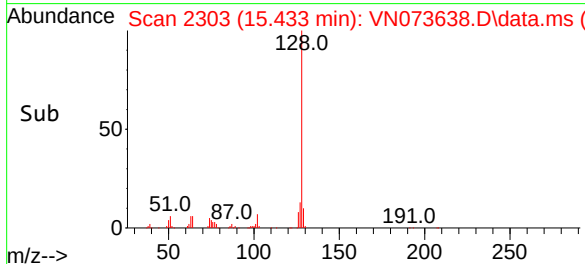
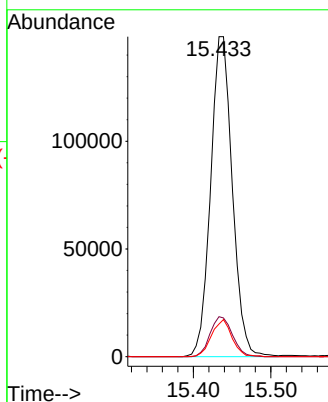
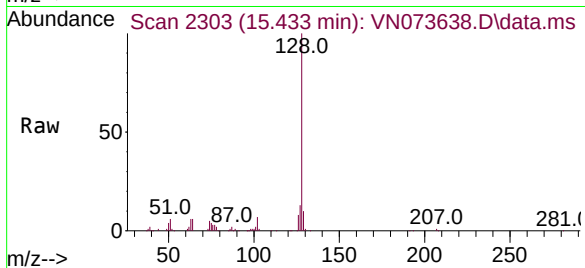
Tgt Ion:128 Resp: 289076

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.868 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VN073638.D

Acq: 29 Jul 2022 16:34

Tgt Ion:180 Resp: 90363

Ion Ratio Lower Upper

180 100

182 94.9 47.8 143.3

145 29.3 15.5 46.5

