

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062822\  
 Data File : VN073197.D  
 Acq On : 28 Jun 2022 11:47  
 Operator : JC\MD  
 Sample : VSTDIC100  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 28 12:31:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 28 12:08:54 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.016  | 168  | 260945   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.898  | 114  | 454075   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.680 | 117  | 423108   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.610 | 152  | 204148   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |             |      |
|-----------------------------|--------|-------|----------|----------|-------------|------|
| System Monitoring Compounds |        |       |          |          |             |      |
| 33) 1,2-Dichloroethane-d4   | 8.369  | 65    | 384350   | 107.671  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 215.340%# |      |
| 35) Dibromofluoromethane    | 7.951  | 113   | 302642   | 106.888  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 213.780%# |      |
| 50) Toluene-d8              | 10.374 | 98    | 1080748  | 103.838  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 207.680%# |      |
| 62) 4-Bromofluorobenzene    | 12.668 | 95    | 453023   | 117.723  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 235.440%# |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.046 | 85  | 392158  | 143.396 | ug/l   | 96  |
| 3) Chloromethane             | 2.263 | 50  | 363806  | 121.672 | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.404 | 62  | 310096  | 129.678 | ug/l   | 99  |
| 5) Bromomethane              | 2.775 | 94  | 75008   | 76.270  | ug/l   | 99  |
| 6) Chloroethane              | 2.940 | 64  | 177630  | 120.140 | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.304 | 101 | 549564  | 136.417 | ug/l   | 98  |
| 8) Diethyl Ether             | 3.763 | 74  | 224632  | 115.324 | ug/l   | 85  |
| 9) 1,1,2-Trichlorotrifluo... | 4.134 | 101 | 308831  | 116.980 | ug/l   | 98  |
| 10) Methyl Iodide            | 4.345 | 142 | 391866  | 127.398 | ug/l   | 96  |
| 11) Tert butyl alcohol       | 5.287 | 59  | 462695  | 499.003 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.110 | 96  | 307672  | 117.975 | ug/l   | 94  |
| 13) Acrolein                 | 3.975 | 56  | 282681  | 688.529 | ug/l   | 96  |
| 14) Allyl chloride           | 4.757 | 41  | 641197  | 115.010 | ug/l # | 95  |
| 15) Acrylonitrile            | 5.469 | 53  | 1196262 | 551.632 | ug/l   | 100 |
| 16) Acetone                  | 4.222 | 43  | 1041968 | 520.804 | ug/l   | 92  |
| 17) Carbon Disulfide         | 4.451 | 76  | 838478  | 123.815 | ug/l   | 99  |
| 18) Methyl Acetate           | 4.769 | 43  | 568612  | 106.202 | ug/l   | 91  |
| 19) Methyl tert-butyl Ether  | 5.528 | 73  | 1138303 | 116.805 | ug/l   | 99  |
| 20) Methylene Chloride       | 5.010 | 84  | 360531  | 106.123 | ug/l   | 92  |
| 21) trans-1,2-Dichloroethene | 5.510 | 96  | 321500  | 113.883 | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.410 | 45  | 1235948 | 119.255 | ug/l   | 95  |
| 23) Vinyl Acetate            | 6.351 | 43  | 5666629 | 592.782 | ug/l # | 93  |
| 24) 1,1-Dichloroethane       | 6.304 | 63  | 634584  | 116.888 | ug/l   | 100 |
| 25) 2-Butanone               | 7.257 | 43  | 1718178 | 541.407 | ug/l   | 92  |
| 26) 2,2-Dichloropropane      | 7.245 | 77  | 552028  | 113.158 | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.245 | 96  | 384634  | 113.425 | ug/l   | 95  |
| 28) Bromochloromethane       | 7.580 | 49  | 280836  | 123.098 | ug/l   | 84  |
| 29) Tetrahydrofuran          | 7.604 | 42  | 1147302 | 544.958 | ug/l   | 87  |
| 30) Chloroform               | 7.745 | 83  | 632446  | 115.065 | ug/l   | 100 |
| 31) Cyclohexane              | 8.022 | 56  | 575249  | 113.233 | ug/l   | 92  |
| 32) 1,1,1-Trichloroethane    | 7.939 | 97  | 578904  | 119.621 | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.151 | 75  | 473953  | 120.144 | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.333 | 43  | 681094  | 108.770 | ug/l   | 96  |
| 38) Carbon Tetrachloride     | 8.133 | 117 | 489148  | 118.506 | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.392 | 83  | 584185  | 122.314 | ug/l   | 95  |
| 40) Benzene                  | 8.386 | 78  | 1434685 | 116.165 | ug/l   | 99  |

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 Operator : JC\MD  
 Sample : VSTDIC100  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 28 12:31:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 28 12:08:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.563  | 41   | 320729   | 108.900  | ug/l   | 90       |
| 42) 1,2-Dichloroethane        | 8.463  | 62   | 521104   | 118.466  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.492  | 43   | 1047157  | 117.026  | ug/l   | 94       |
| 44) Trichloroethene           | 9.145  | 130  | 362232   | 115.265  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.422  | 63   | 365872   | 115.672  | ug/l   | 98       |
| 46) Dibromomethane            | 9.510  | 93   | 247261   | 116.206  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.698  | 83   | 507037   | 119.760  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.492  | 41   | 473808   | 114.488  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.504  | 88   | 176909   | 1956.583 | ug/l # | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.269 | 43   | 3290596  | 565.776  | ug/l   | 91       |
| 52) Toluene                   | 10.439 | 92   | 887292   | 117.069  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.657 | 75   | 576088   | 126.342  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.127 | 75   | 613395   | 123.324  | ug/l # | 91       |
| 55) 1,1,2-Trichloroethane     | 10.833 | 97   | 359409   | 108.944  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.698 | 69   | 630886   | 118.960  | ug/l # | 84       |
| 57) 1,3-Dichloropropane       | 10.980 | 76   | 628876   | 113.913  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.980  | 63   | 1478034  | 629.701  | ug/l   | 95       |
| 59) 2-Hexanone                | 11.021 | 43   | 2540220  | 565.225  | ug/l   | 89       |
| 60) Dibromochloromethane      | 11.174 | 129  | 387233   | 124.090  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.280 | 107  | 391305   | 119.586  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.910 | 164  | 320471   | 117.447  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.704 | 112  | 938795   | 110.929  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.780 | 131  | 349940   | 108.835  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.780 | 91   | 1727260  | 115.007  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.892 | 106  | 1314697  | 224.140  | ug/l   | 96       |
| 69) o-Xylene                  | 12.216 | 106  | 656426   | 111.910  | ug/l   | 97       |
| 70) Styrene                   | 12.233 | 104  | 1087072  | 115.704  | ug/l   | 98       |
| 71) Bromoform                 | 12.392 | 173  | 291135   | 120.313  | ug/l   | 100      |
| 73) Isopropylbenzene          | 12.515 | 105  | 1723776  | 106.694  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.327 | 43   | 882330   | 105.747  | ug/l   | 89       |
| 75) 1,1,2,2-Tetrachloroethane | 12.768 | 83   | 560040   | 97.531   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.815 | 75   | 776044   | 154.054  | ug/l   | 47       |
| 77) Bromobenzene              | 12.798 | 156  | 399071   | 103.965  | ug/l   | 87       |
| 78) n-propylbenzene           | 12.857 | 91   | 2014662  | 112.925  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.945 | 91   | 1215679  | 105.716  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.998 | 105  | 1432915  | 108.247  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.563 | 75   | 213338   | 114.261  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 13.039 | 91   | 1187847  | 109.067  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.262 | 119  | 1258598  | 104.132  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.304 | 105  | 1417300  | 107.270  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.439 | 105  | 1790504  | 110.442  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.551 | 119  | 1448460  | 110.675  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.551 | 146  | 709183   | 102.862  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.627 | 146  | 715990   | 102.900  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.880 | 91   | 1273153  | 118.690  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.145 | 117  | 279871   | 113.391  | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene       | 13.921 | 146  | 726432   | 101.428  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.539 | 75   | 149341   | 96.220   | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 15.192 | 180  | 425422   | 108.037  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.298 | 225  | 171914   | 100.570  | ug/l   | 98       |
| 95) Naphthalene               | 15.427 | 128  | 1598243  | 99.948   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.621 | 180  | 421688   | 99.967   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062822\  
Data File : VN073197.D  
Acq On : 28 Jun 2022 11:47  
Operator : JC\MD  
Sample : VSTDICC100  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

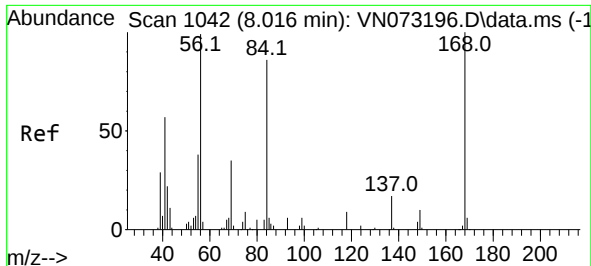
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jun 28 12:31:11 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 28 12:08:54 2022  
Response via : Initial Calibration

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

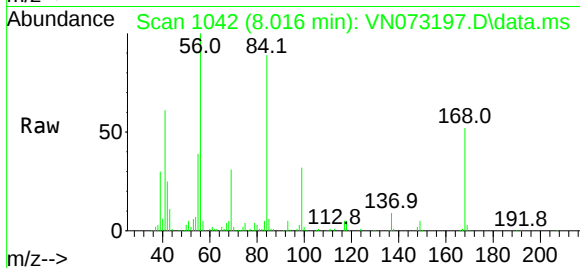
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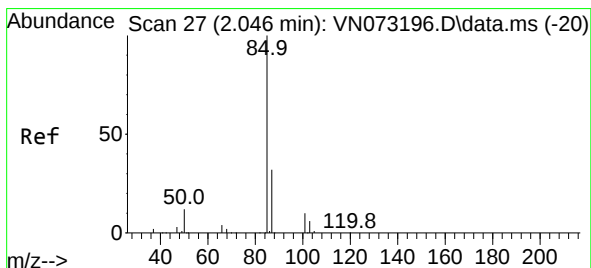
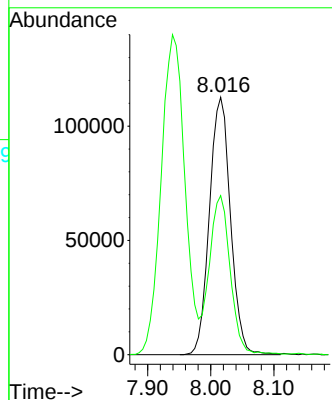
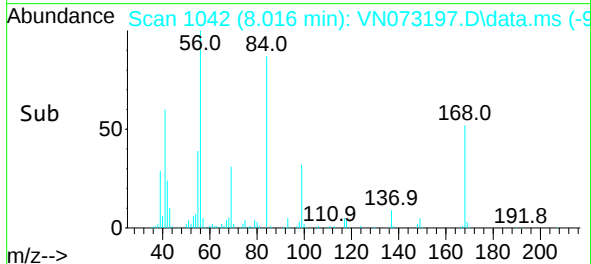


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Instrument :  
MSVOA\_N  
ClientSampleId :

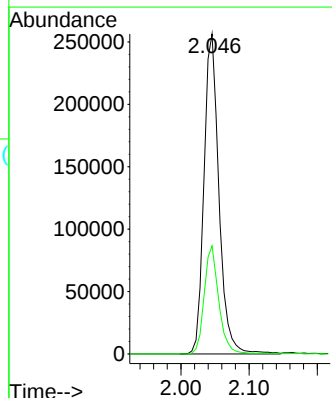
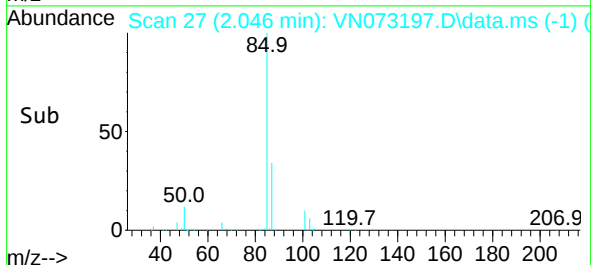
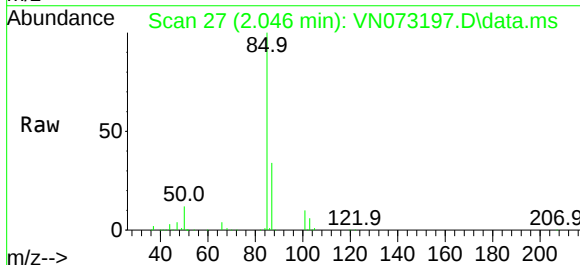


Tgt Ion:168 Resp: 260945  
Ion Ratio Lower Upper  
168 100  
99 61.5 42.3 63.5



#2  
Dichlorodifluoromethane  
Concen: 143.396 ug/l  
RT: 2.046 min Scan# 27  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Tgt Ion: 85 Resp: 392158  
Ion Ratio Lower Upper  
85 100  
87 33.8 15.7 47.1

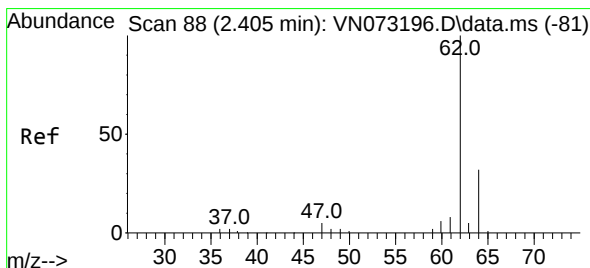
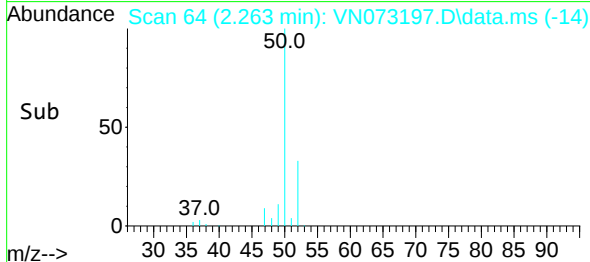
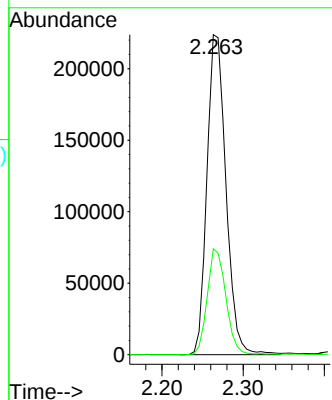
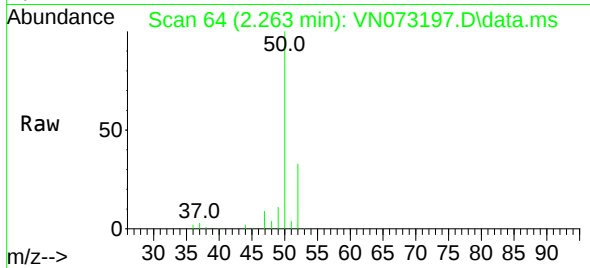




#3  
Chloromethane  
Concen: 121.672 ug/l  
RT: 2.263 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

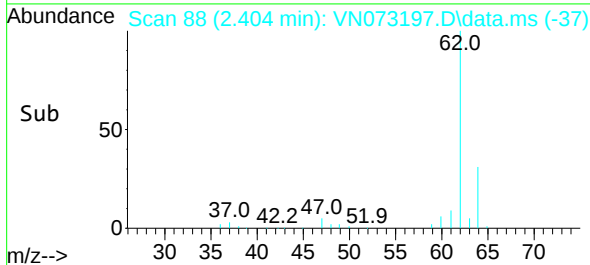
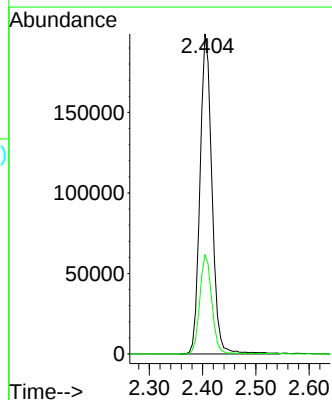
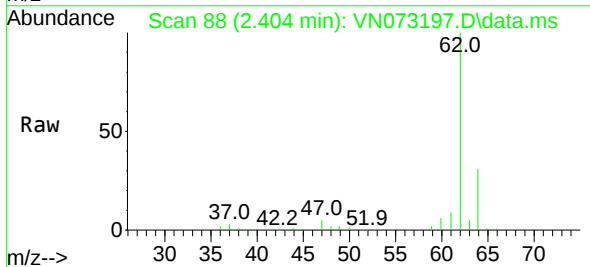
Instrument :  
MSVOA\_N  
ClientSampleId :

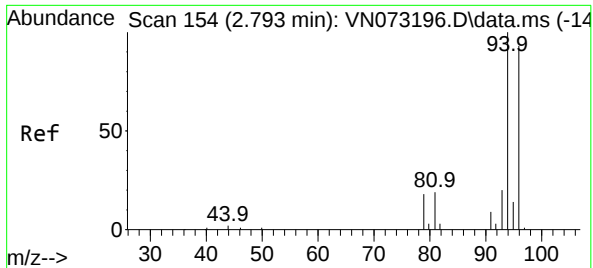
Tgt Ion: 50 Resp: 363806  
Ion Ratio Lower Upper  
50 100  
52 33.1 25.7 38.5



#4  
Vinyl Chloride  
Concen: 129.678 ug/l  
RT: 2.404 min Scan# 88  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Tgt Ion: 62 Resp: 310096  
Ion Ratio Lower Upper  
62 100  
64 30.9 25.0 37.4

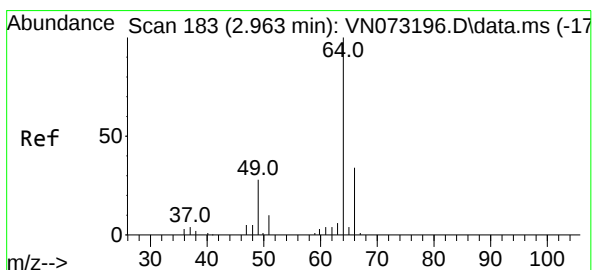
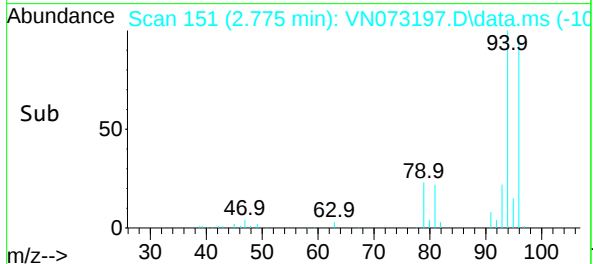
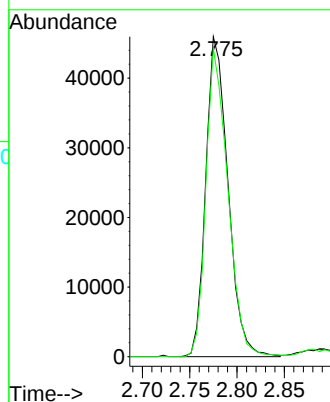
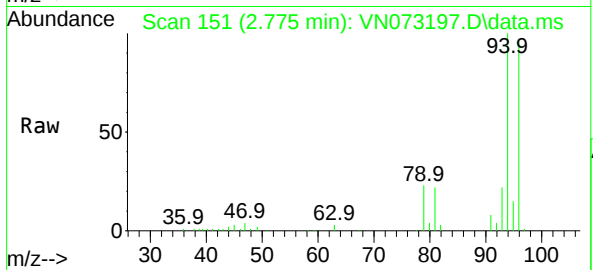




#5  
Bromomethane  
Concen: 76.270 ug/l  
RT: 2.775 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

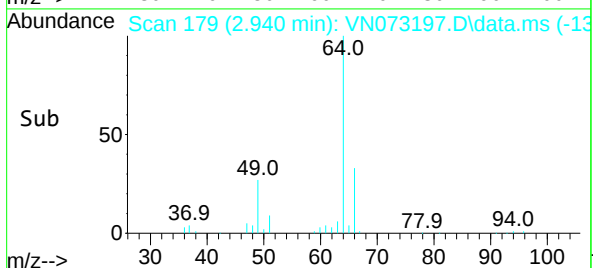
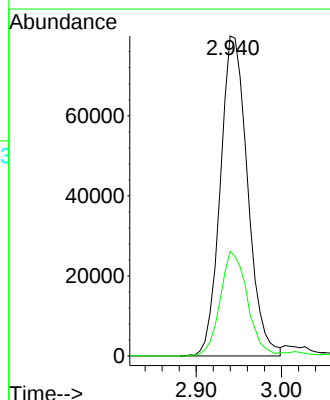
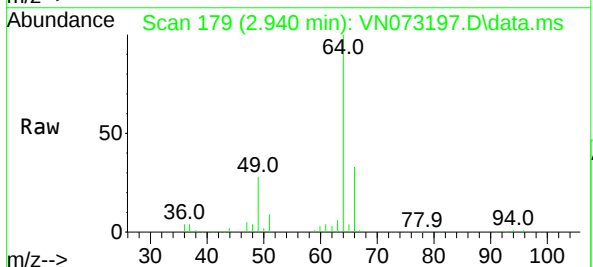
Instrument :  
MSVOA\_N  
ClientSampleId :

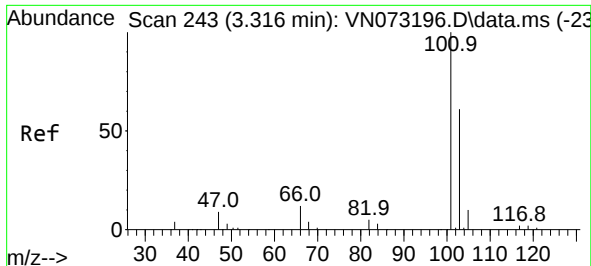
Tgt Ion: 94 Resp: 75008  
Ion Ratio Lower Upper  
94 100  
96 96.3 76.0 114.0



#6  
Chloroethane  
Concen: 120.140 ug/l  
RT: 2.940 min Scan# 179  
Delta R.T. -0.024 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Tgt Ion: 64 Resp: 177630  
Ion Ratio Lower Upper  
64 100  
66 32.6 26.2 39.4

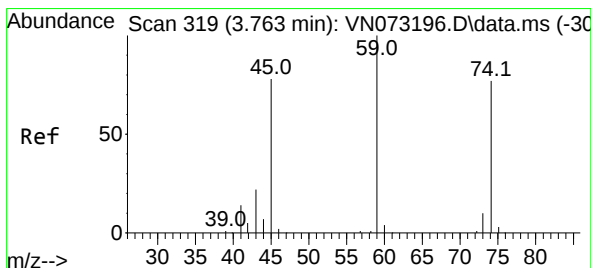
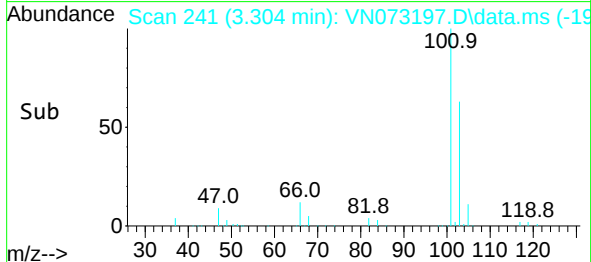
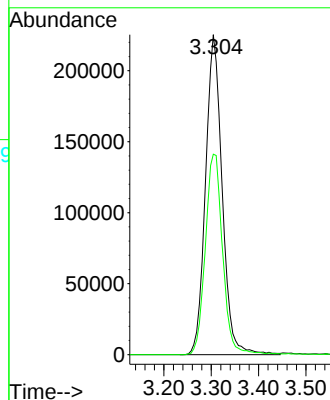
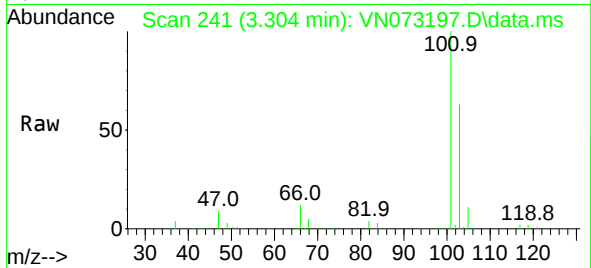




#7  
Trichlorofluoromethane  
Concen: 136.417 ug/l  
RT: 3.304 min Scan# 243  
Delta R.T. -0.012 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

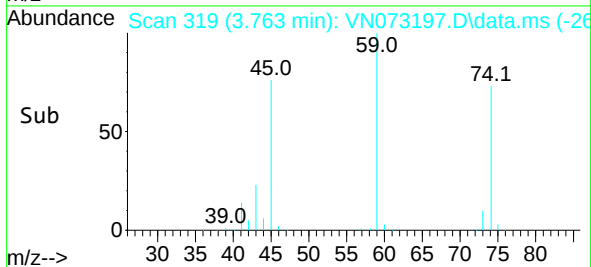
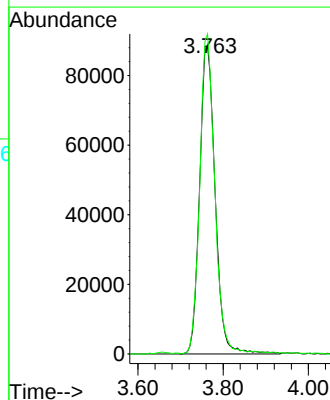
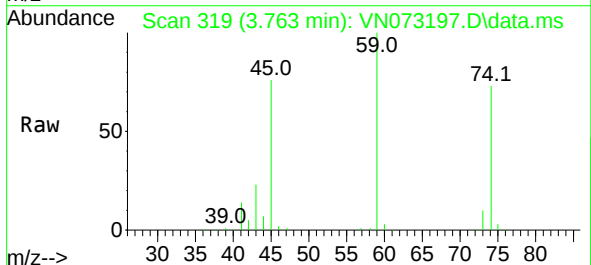
Instrument :  
MSVOA\_N  
ClientSampleId :

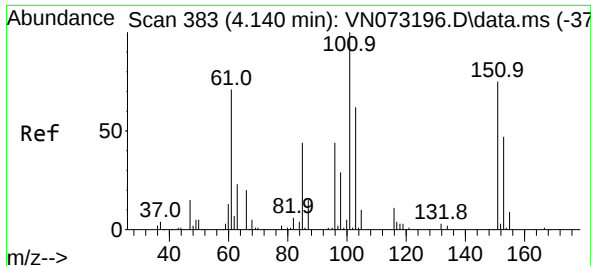
Tgt Ion:101 Resp: 549564  
Ion Ratio Lower Upper  
101 100  
103 62.7 51.5 77.3



#8  
Diethyl Ether  
Concen: 115.324 ug/l  
RT: 3.763 min Scan# 319  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Tgt Ion: 74 Resp: 224632  
Ion Ratio Lower Upper  
74 100  
45 99.7 42.9 128.5

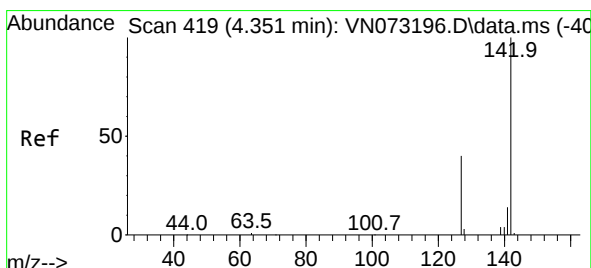
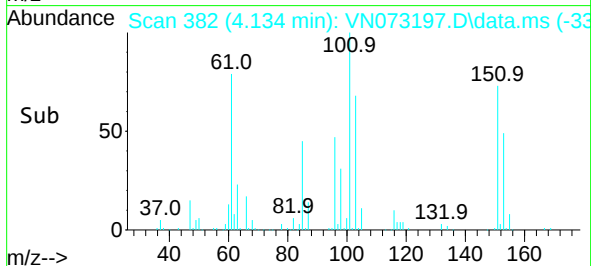
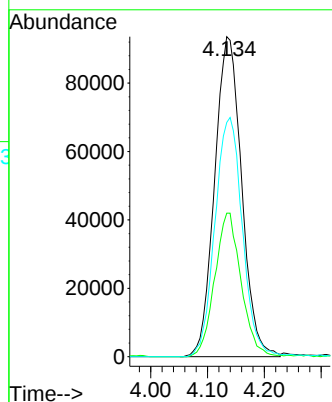
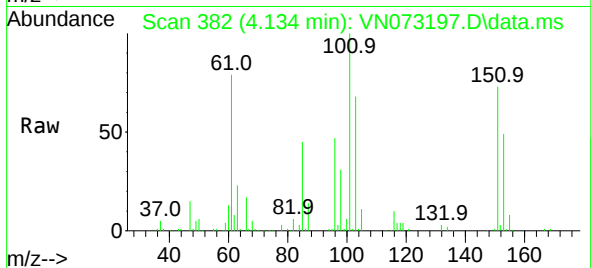




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 116.980 ug/l  
RT: 4.134 min Scan# 382  
Delta R.T. -0.006 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

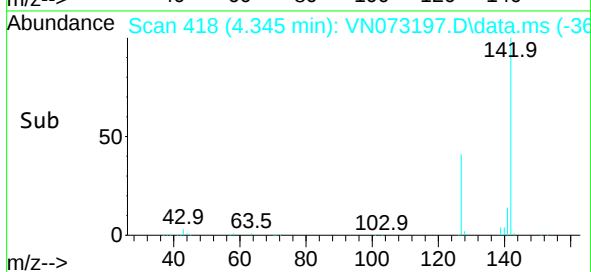
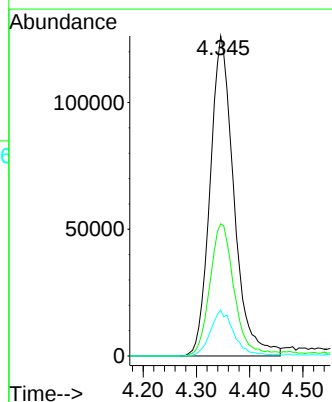
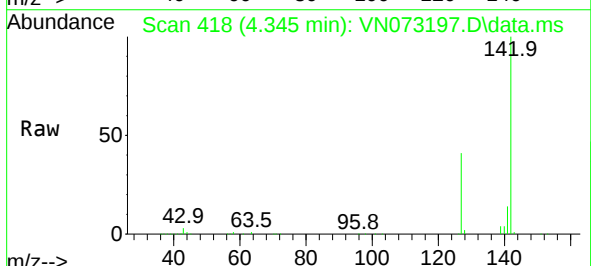
Instrument :  
MSVOA\_N  
ClientSampleId :

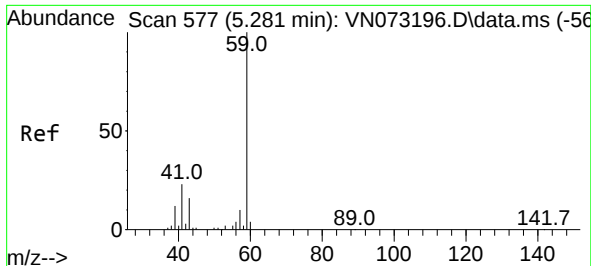
Tgt Ion:101 Resp: 308831  
Ion Ratio Lower Upper  
101 100  
85 43.7 34.7 52.1  
151 76.4 63.0 94.4



#10  
Methyl Iodide  
Concen: 127.398 ug/l  
RT: 4.345 min Scan# 418  
Delta R.T. -0.006 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Tgt Ion:142 Resp: 391866  
Ion Ratio Lower Upper  
142 100  
127 42.4 31.3 46.9  
141 14.3 11.2 16.8

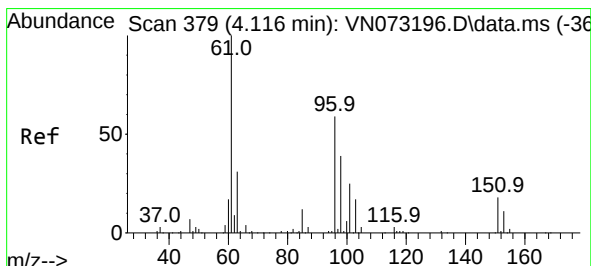
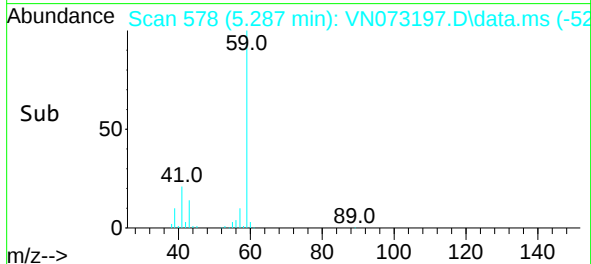
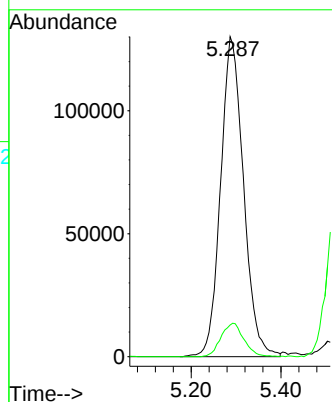
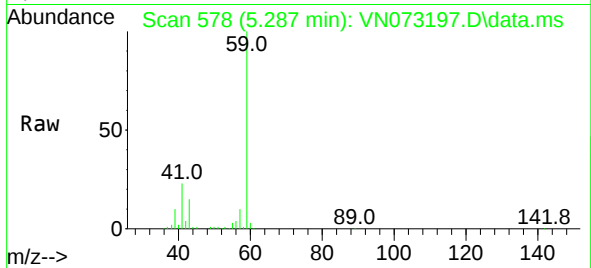




#11  
Tert butyl alcohol  
Concen: 499.003 ug/l  
RT: 5.287 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

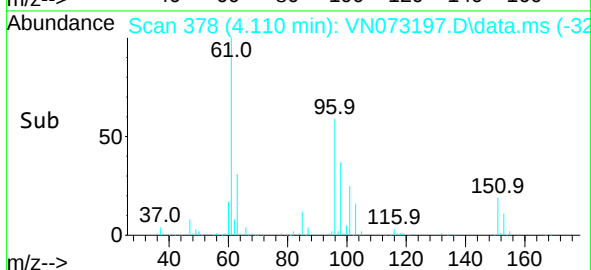
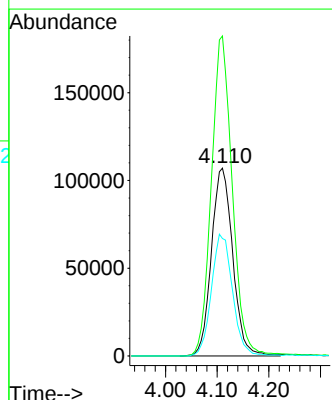
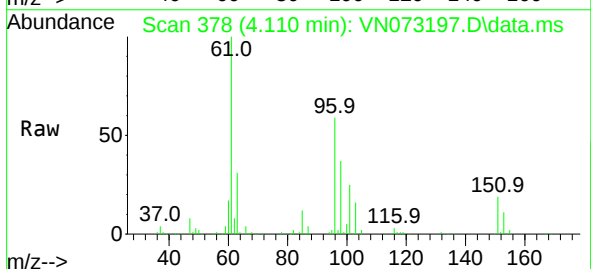
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 59 Resp: 462695  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 117.975 ug/l  
RT: 4.110 min Scan# 378  
Delta R.T. -0.006 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Tgt Ion: 96 Resp: 307672  
Ion Ratio Lower Upper  
96 100  
61 170.4 127.6 191.4  
98 62.5 51.2 76.8

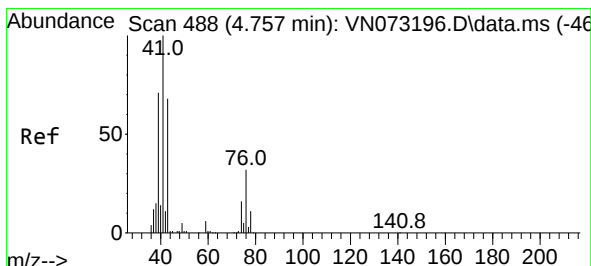
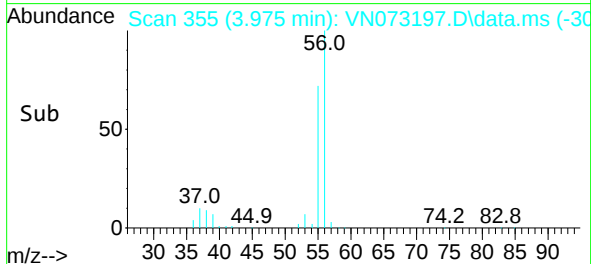
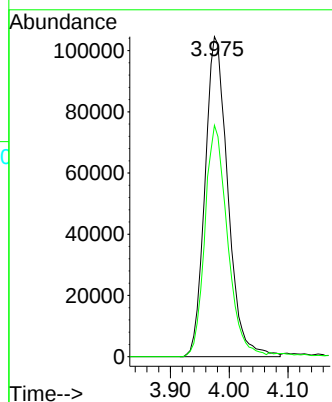
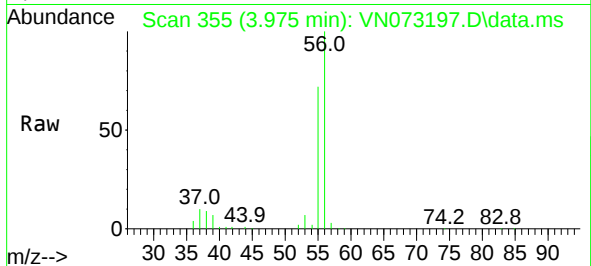




#13  
Acrolein  
Concen: 688.529 ug/l  
RT: 3.975 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

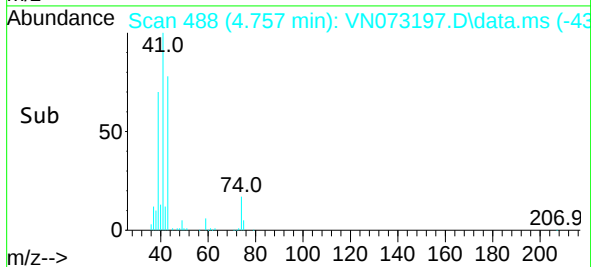
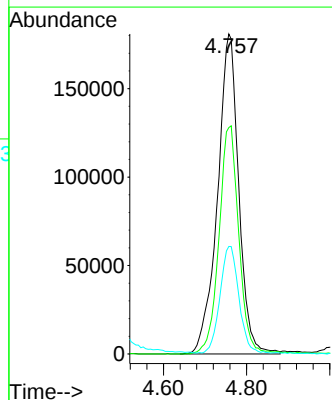
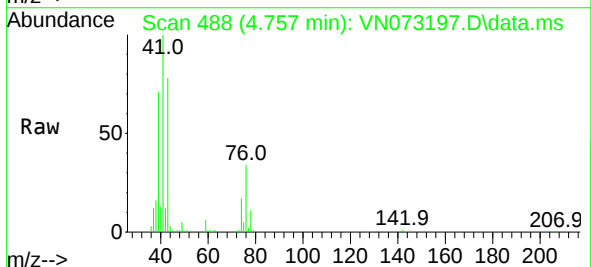
Instrument :  
MSVOA\_N  
ClientSampleId :

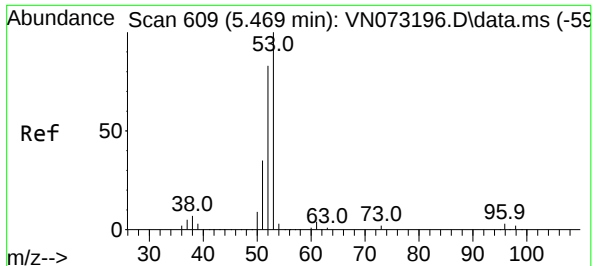
Tgt Ion: 56 Resp: 282681  
Ion Ratio Lower Upper  
56 100  
55 71.3 54.8 82.2



#14  
Allyl chloride  
Concen: 115.010 ug/l  
RT: 4.757 min Scan# 488  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

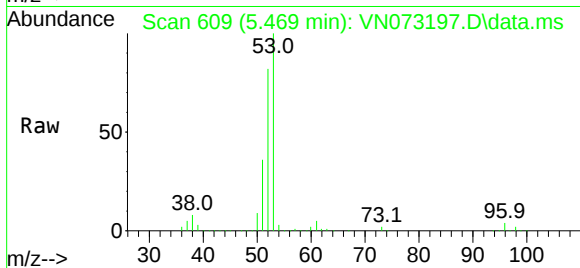
Tgt Ion: 41 Resp: 641197  
Ion Ratio Lower Upper  
41 100  
39 66.4 53.2 79.8  
76 29.4 29.9 44.9#





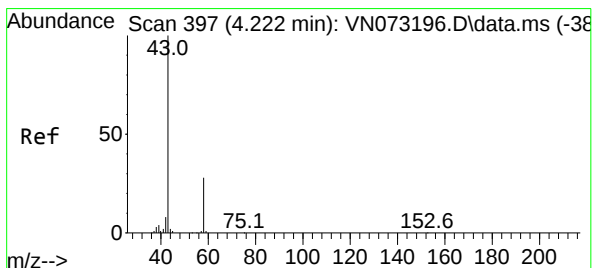
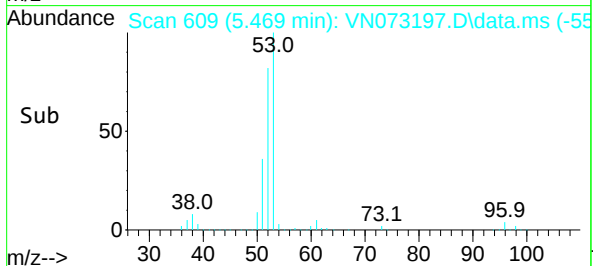
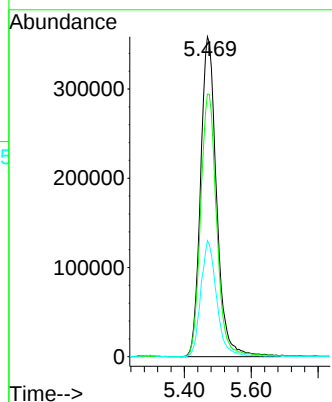
#15  
Acrylonitrile  
Concen: 551.632 ug/l  
RT: 5.469 min Scan# 609  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 53 Resp: 1196262

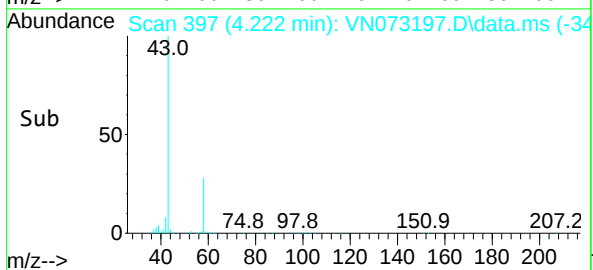
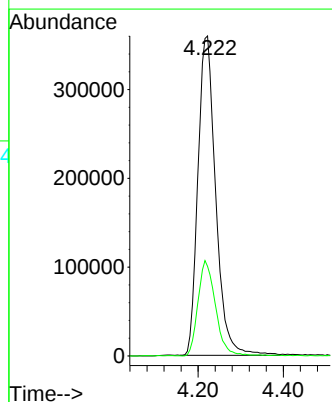
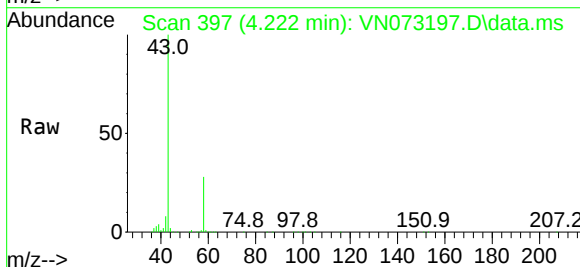
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.5  | 66.4  | 99.6  |
| 51  | 35.8  | 28.5  | 42.7  |

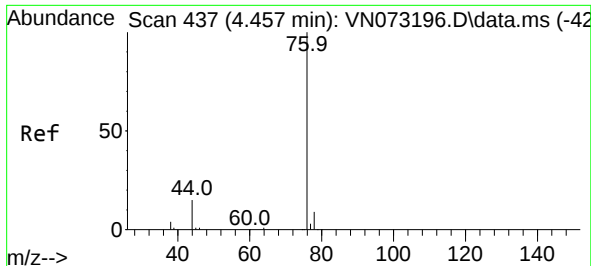


#16  
Acetone  
Concen: 520.804 ug/l  
RT: 4.222 min Scan# 397  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Tgt Ion: 43 Resp: 1041968

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 28.0  | 26.0  | 39.0  |

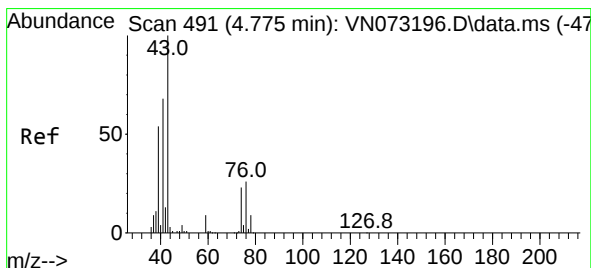
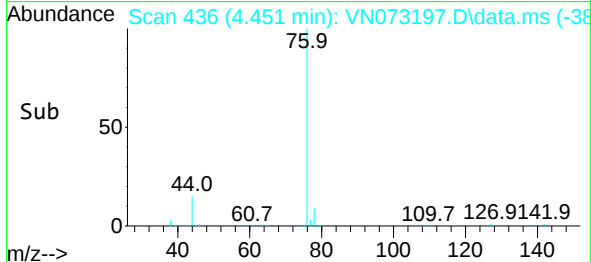
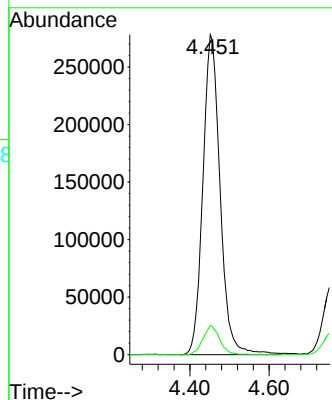
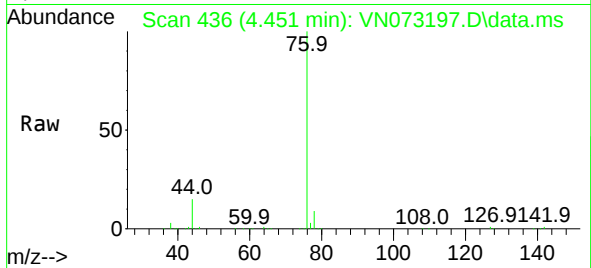




#17  
Carbon Disulfide  
Concen: 123.815 ug/l  
RT: 4.451 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

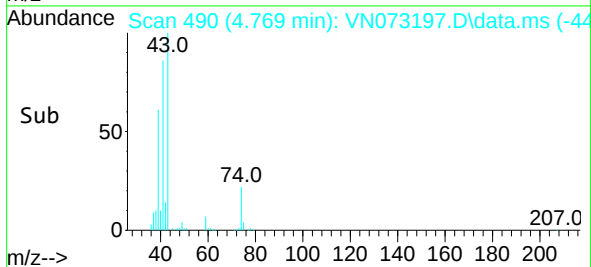
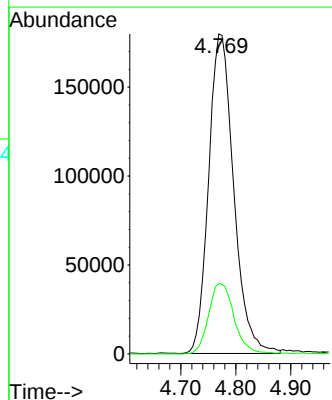
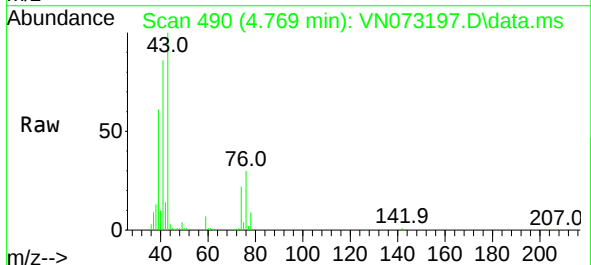
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 76 Resp: 838478  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.2 10.8



#18  
Methyl Acetate  
Concen: 106.202 ug/l  
RT: 4.769 min Scan# 490  
Delta R.T. -0.006 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

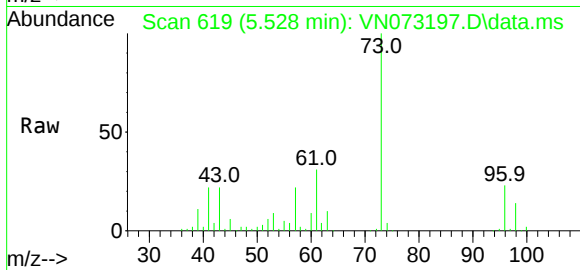
Tgt Ion: 43 Resp: 568612  
Ion Ratio Lower Upper  
43 100  
74 22.5 21.6 32.4



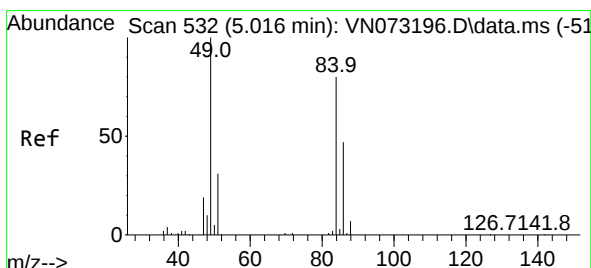
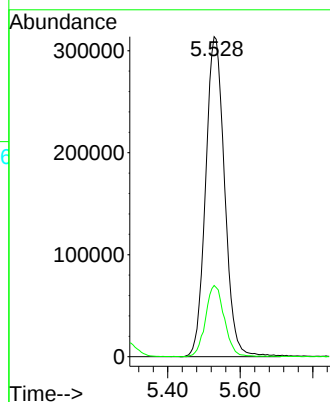
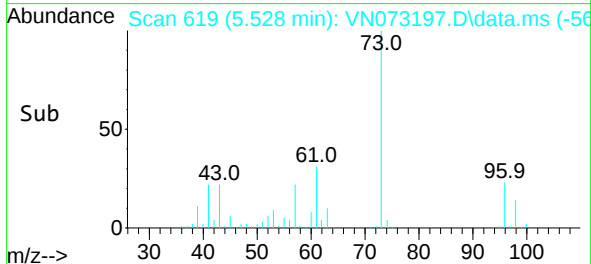


#19  
Methyl tert-butyl Ether  
Concen: 116.805 ug/l  
RT: 5.528 min Scan# 619  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

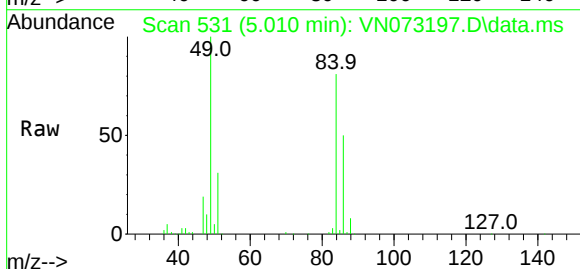
Instrument :  
MSVOA\_N  
ClientSampleId :



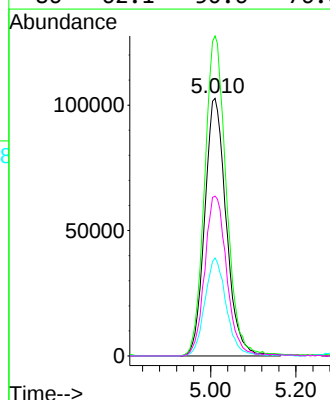
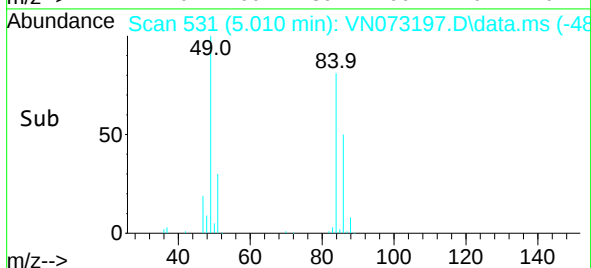
Tgt Ion: 73 Resp: 1138303  
Ion Ratio Lower Upper  
73 100  
57 22.3 17.6 26.4

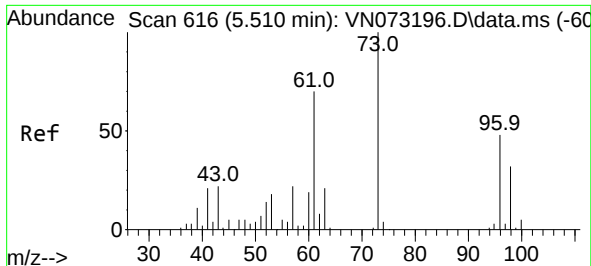


#20  
Methylene Chloride  
Concen: 106.123 ug/l  
RT: 5.010 min Scan# 531  
Delta R.T. -0.006 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47



Tgt Ion: 84 Resp: 360531  
Ion Ratio Lower Upper  
84 100  
49 124.0 88.3 132.5  
51 38.0 28.2 42.2  
86 62.1 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 113.883 ug/l

RT: 5.510 min Scan# 616

Delta R.T. -0.000 min

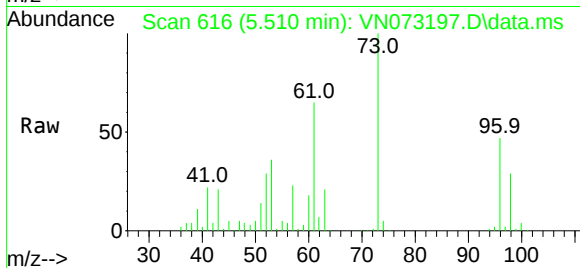
Lab File: VN073197.D

Acq: 28 Jun 2022 11:47

Instrument :

MSVOA\_N

ClientSampleId :



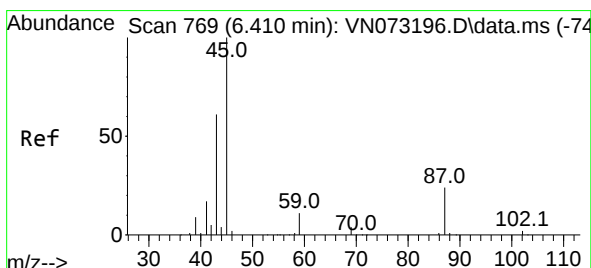
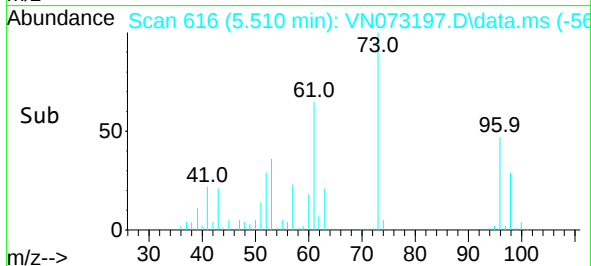
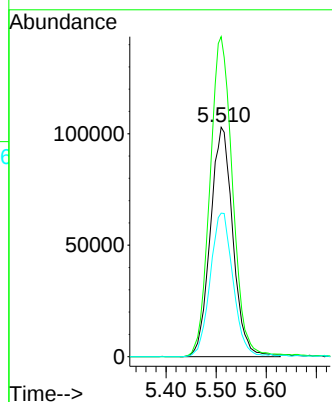
Tgt Ion: 96 Resp: 321500

Ion Ratio Lower Upper

96 100

61 139.5 105.8 158.8

98 62.6 50.3 75.5



#22

Diisopropyl ether

Concen: 119.255 ug/l

RT: 6.410 min Scan# 769

Delta R.T. -0.000 min

Lab File: VN073197.D

Acq: 28 Jun 2022 11:47

Tgt Ion: 45 Resp: 1235948

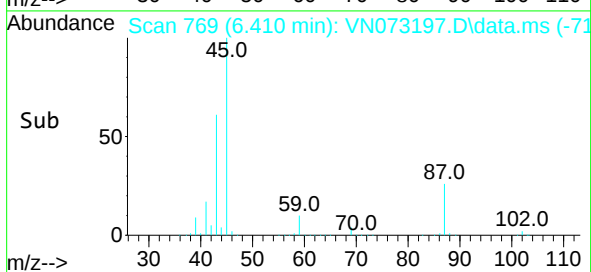
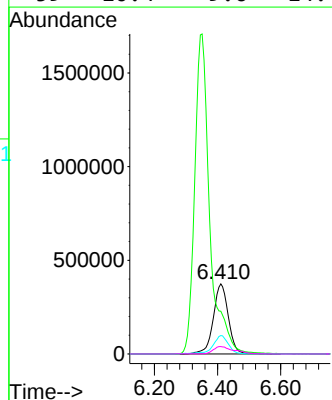
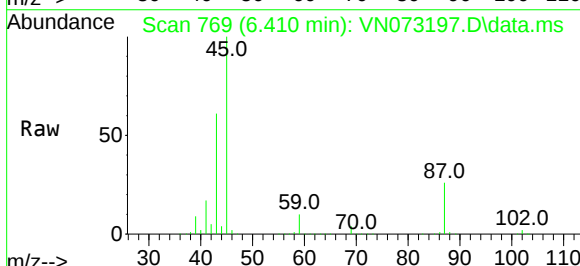
Ion Ratio Lower Upper

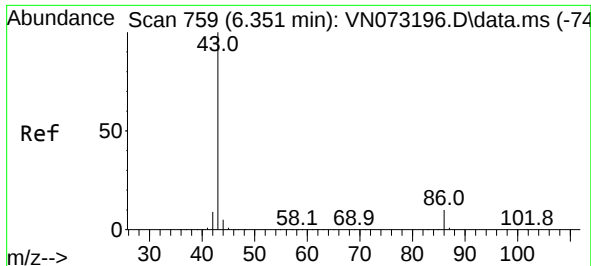
45 100

43 60.6 46.6 70.0

87 26.2 24.3 36.5

59 10.4 9.6 14.4

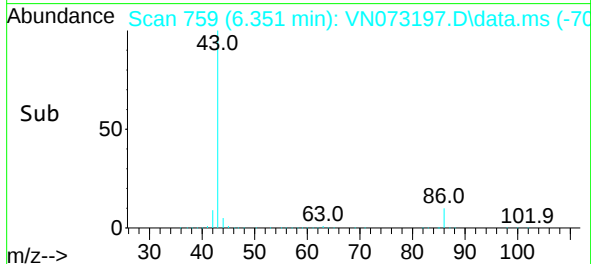
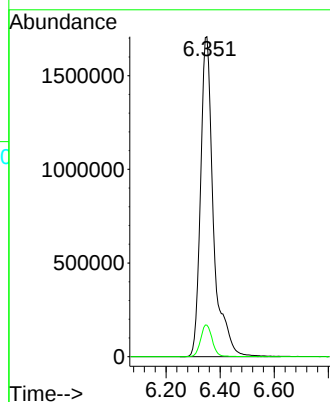
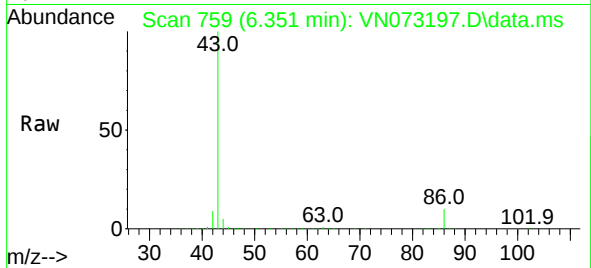




#23  
 Vinyl Acetate  
 Concen: 592.782 ug/l  
 RT: 6.351 min Scan# 759  
 Delta R.T. -0.000 min  
 Lab File: VN073197.D  
 Acq: 28 Jun 2022 11:47

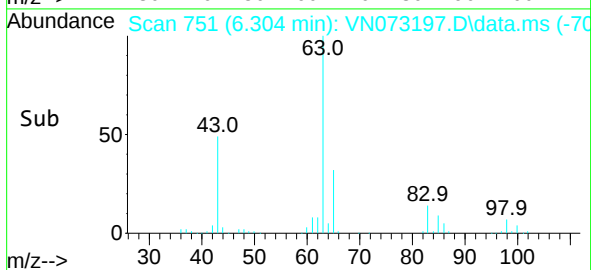
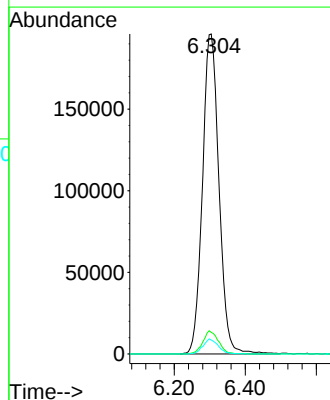
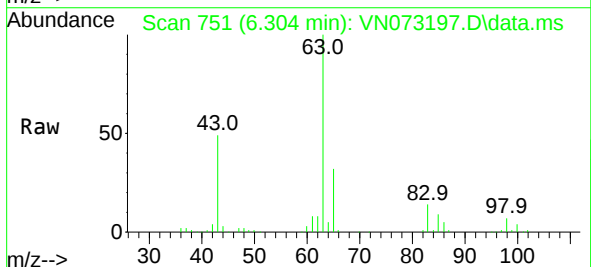
Instrument :  
 MSVOA\_N  
 ClientSampleId :

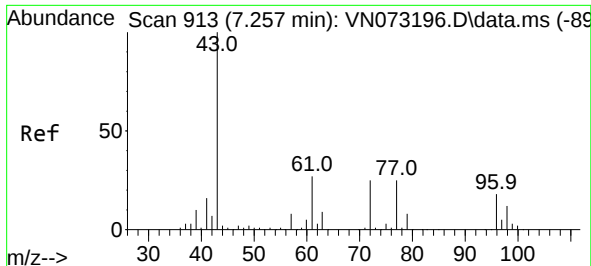
Tgt Ion: 43 Resp: 5666629  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 10.0 15.0#



#24  
 1,1-Dichloroethane  
 Concen: 116.888 ug/l  
 RT: 6.304 min Scan# 751  
 Delta R.T. -0.000 min  
 Lab File: VN073197.D  
 Acq: 28 Jun 2022 11:47

Tgt Ion: 63 Resp: 634584  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.5 10.4  
 100 4.3 2.3 6.8

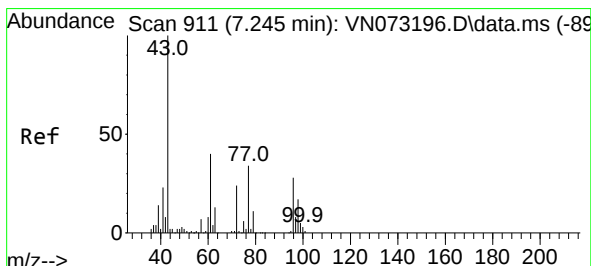
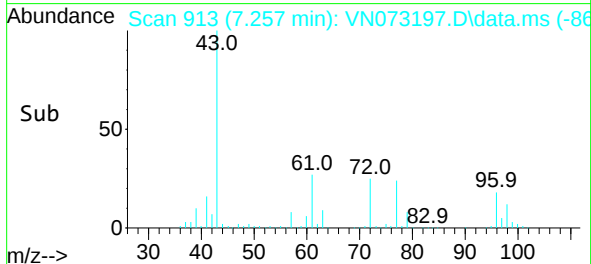
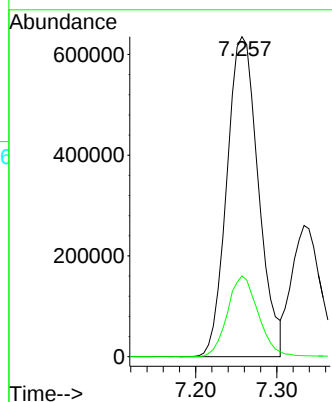
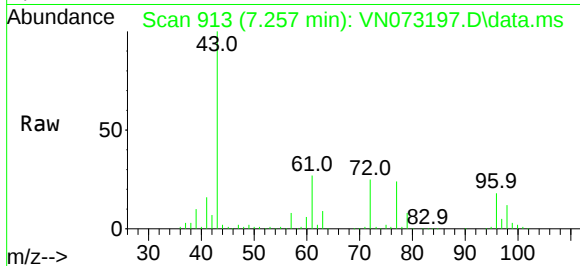




#25  
2-Butanone  
Concen: 541.407 ug/l  
RT: 7.257 min Scan# 913  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

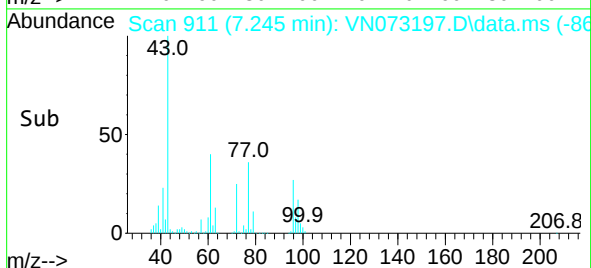
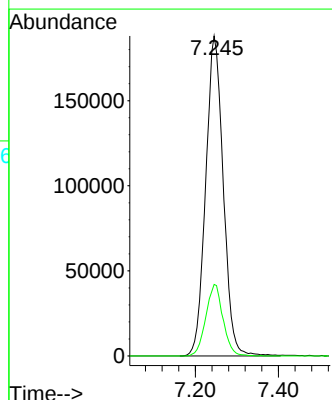
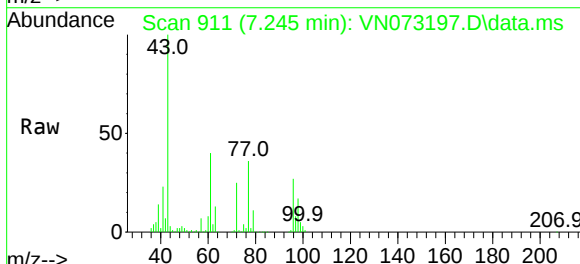
Instrument :  
MSVOA\_N  
ClientSampleId :

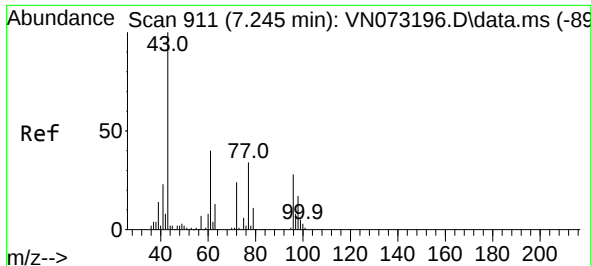
Tgt Ion: 43 Resp: 1718178  
Ion Ratio Lower Upper  
43 100  
72 25.3 23.7 35.5



#26  
2,2-Dichloropropane  
Concen: 113.158 ug/l  
RT: 7.245 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

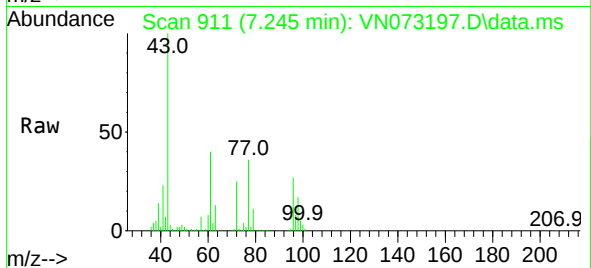
Tgt Ion: 77 Resp: 552028  
Ion Ratio Lower Upper  
77 100  
97 21.8 11.4 34.2



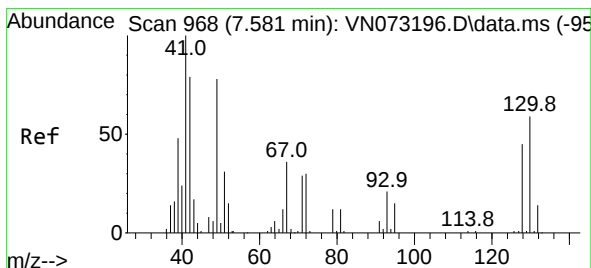
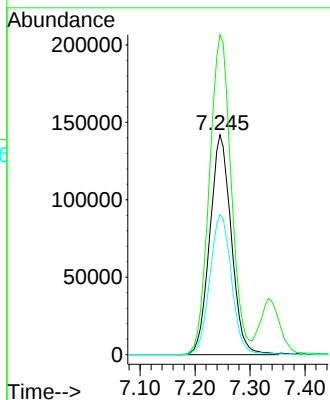
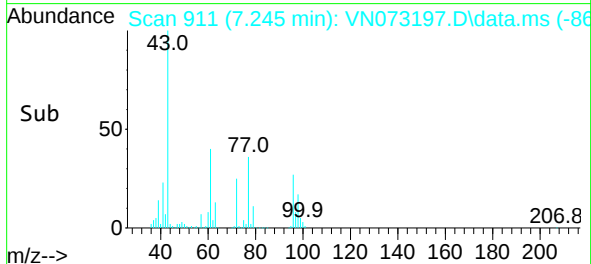


#27  
 cis-1,2-Dichloroethene  
 Concen: 113.425 ug/l  
 RT: 7.245 min Scan# 911  
 Delta R.T. -0.000 min  
 Lab File: VN073197.D  
 Acq: 28 Jun 2022 11:47

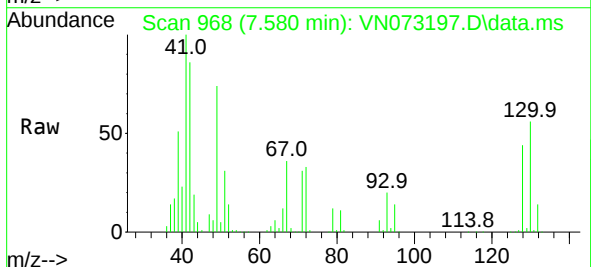
Instrument :  
 MSVOA\_N  
 ClientSampleId :



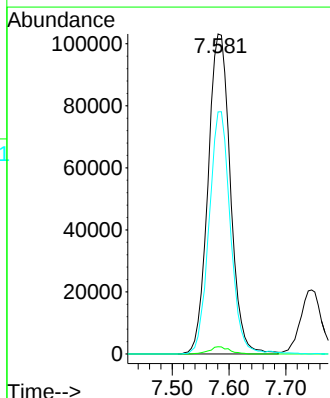
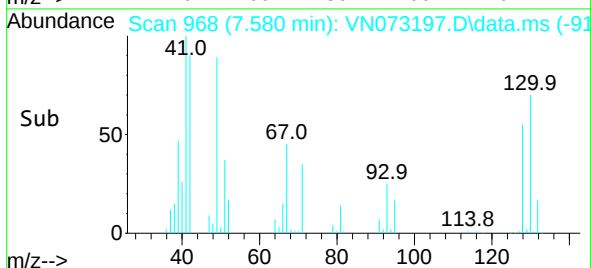
Tgt Ion: 96 Resp: 384634  
 Ion Ratio Lower Upper  
 96 100  
 61 148.3 0.0 280.6  
 98 64.9 0.0 128.4

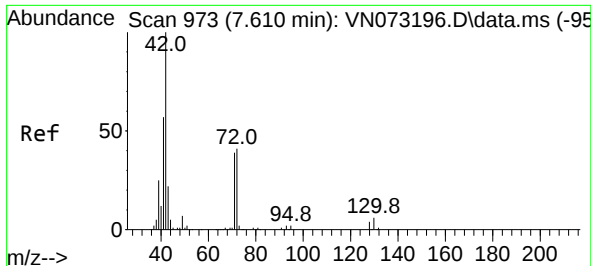


#28  
 Bromochloromethane  
 Concen: 123.098 ug/l  
 RT: 7.580 min Scan# 968  
 Delta R.T. -0.000 min  
 Lab File: VN073197.D  
 Acq: 28 Jun 2022 11:47



Tgt Ion: 49 Resp: 280836  
 Ion Ratio Lower Upper  
 49 100  
 129 2.0 0.0 4.6  
 130 72.1 69.7 104.5





#29

Tetrahydrofuran

Concen: 544.958 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

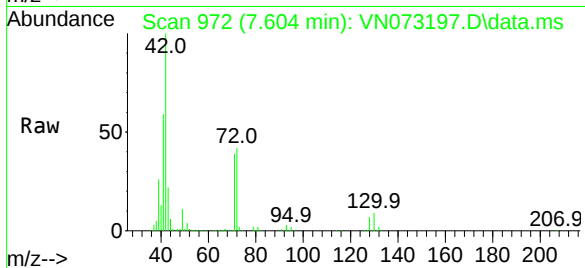
Lab File: VN073197.D

Acq: 28 Jun 2022 11:47

Instrument :

MSVOA\_N

ClientSampleId :



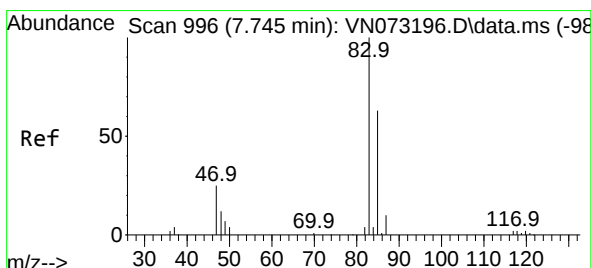
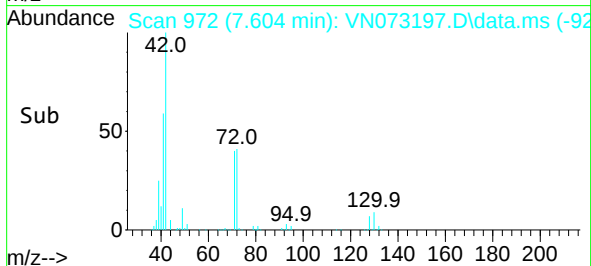
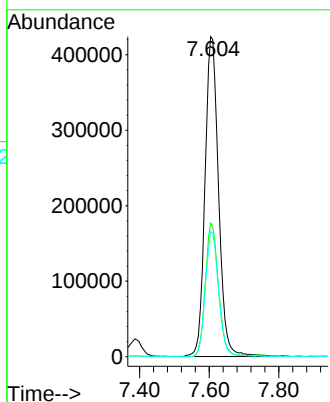
Tgt Ion: 42 Resp: 1147302

Ion Ratio Lower Upper

42 100

72 40.4 39.7 59.5

71 38.1 36.6 55.0



#30

Chloroform

Concen: 115.065 ug/l

RT: 7.745 min Scan# 996

Delta R.T. -0.000 min

Lab File: VN073197.D

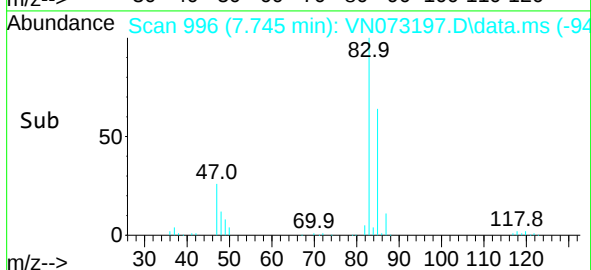
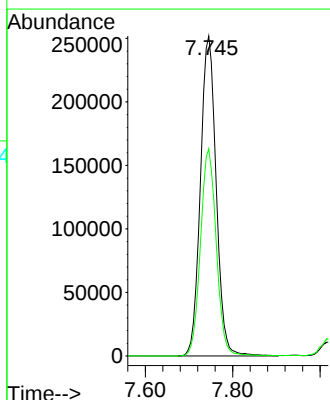
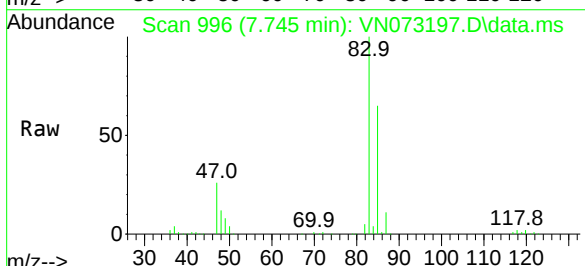
Acq: 28 Jun 2022 11:47

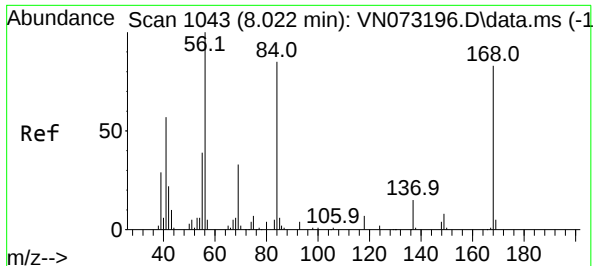
Tgt Ion: 83 Resp: 632446

Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.8





#31

Cyclohexane

Concen: 113.233 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN073197.D

Acq: 28 Jun 2022 11:47

Instrument :

MSVOA\_N

ClientSampleId :

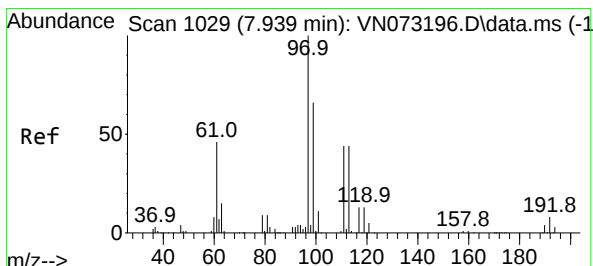
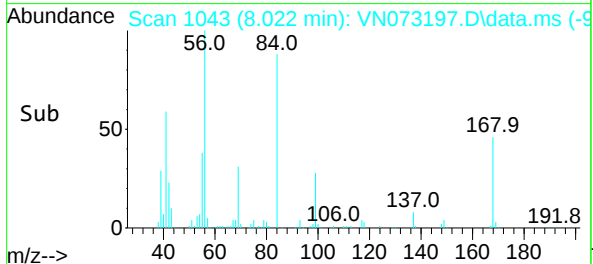
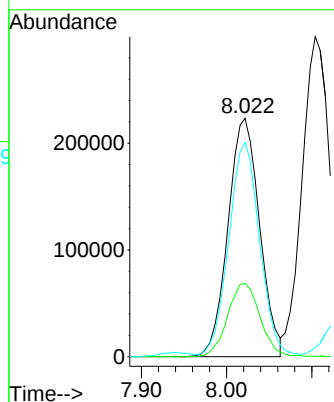
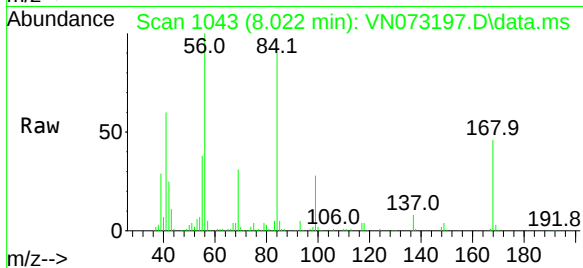
Tgt Ion: 56 Resp: 575249

Ion Ratio Lower Upper

56 100

69 30.7 27.8 41.8

84 88.3 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 119.621 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. -0.000 min

Lab File: VN073197.D

Acq: 28 Jun 2022 11:47

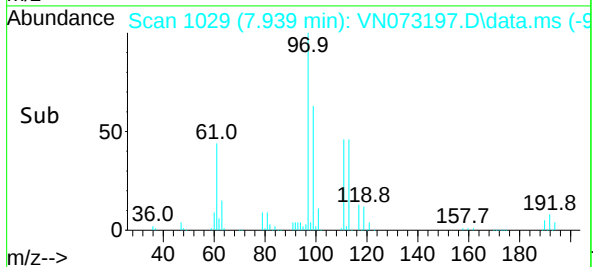
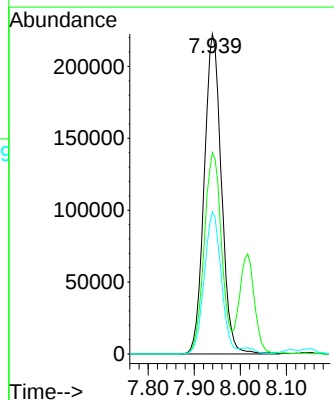
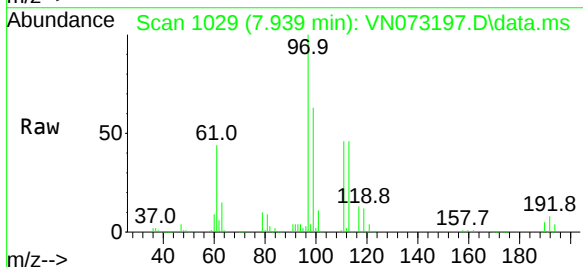
Tgt Ion: 97 Resp: 578904

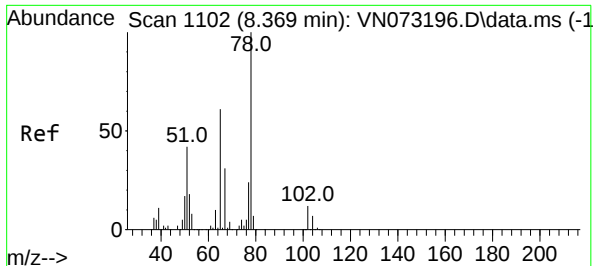
Ion Ratio Lower Upper

97 100

99 63.1 50.6 76.0

61 44.1 36.0 54.0

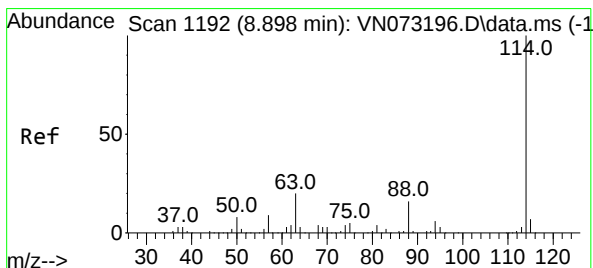
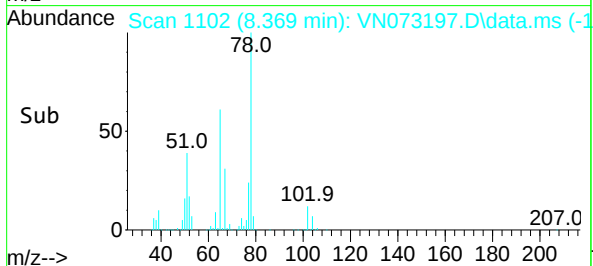
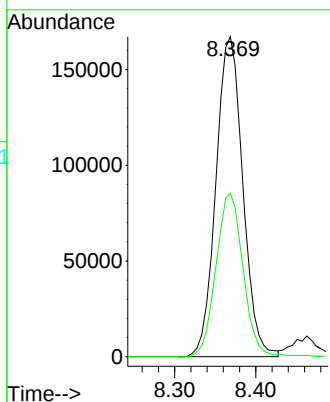
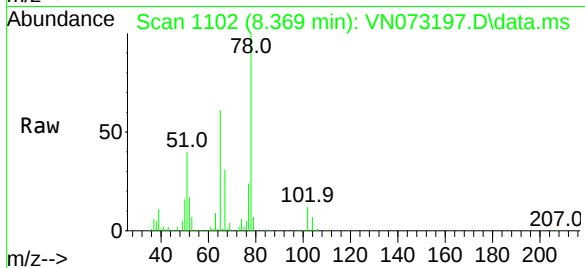




#33  
1,2-Dichloroethane-d4  
Concen: 107.671 ug/l  
RT: 8.369 min Scan# 1102  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

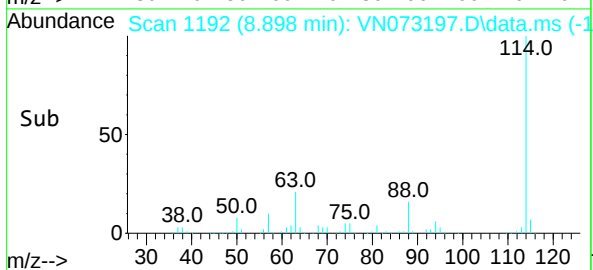
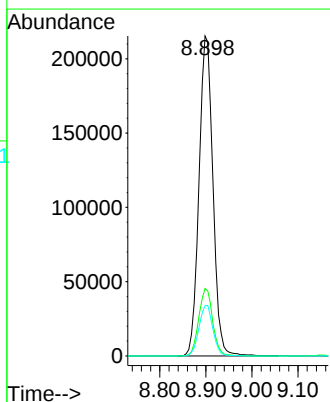
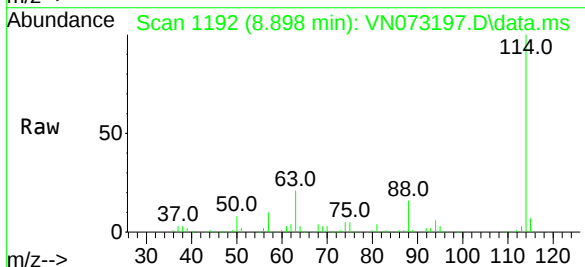
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 65 Resp: 384350  
Ion Ratio Lower Upper  
65 100  
67 51.5 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.898 min Scan# 1192  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Tgt Ion: 114 Resp: 454075  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 40.0  
88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 106.888 ug/l

RT: 7.951 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073197.D

Acq: 28 Jun 2022 11:47

Instrument :

MSVOA\_N

ClientSampleId :

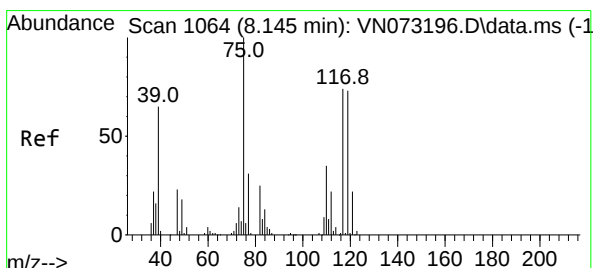
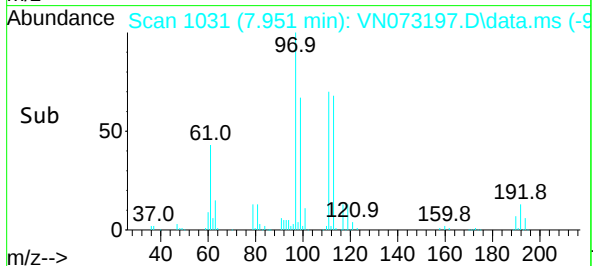
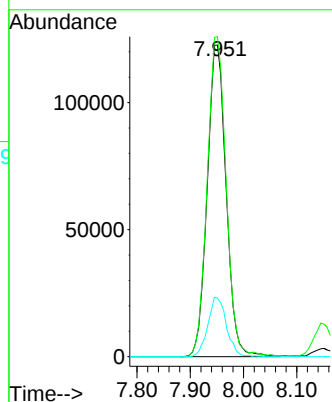
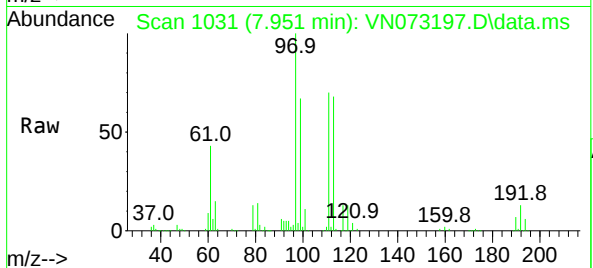
Tgt Ion:113 Resp: 302642

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 18.9 17.0 25.6



#36

1,1-Dichloropropene

Concen: 120.144 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VN073197.D

Acq: 28 Jun 2022 11:47

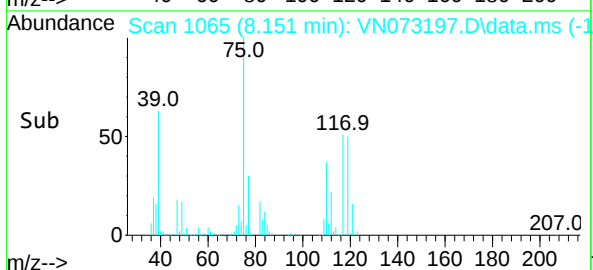
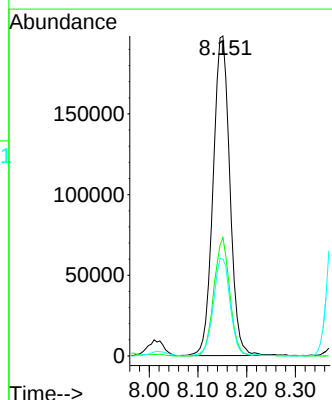
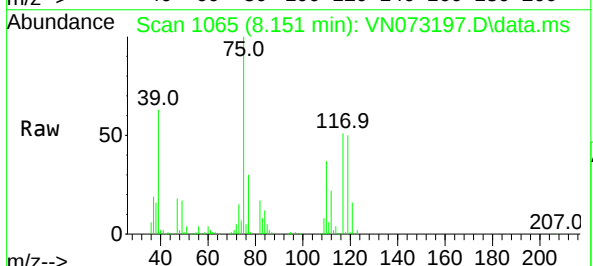
Tgt Ion: 75 Resp: 473953

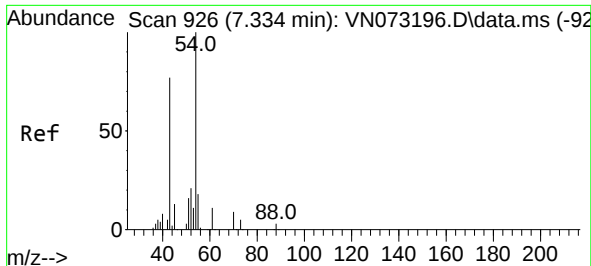
Ion Ratio Lower Upper

75 100

110 35.2 18.3 54.8

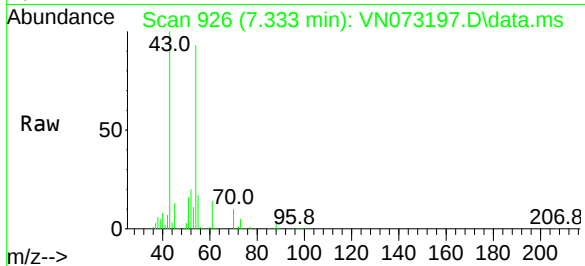
77 31.0 25.1 37.7



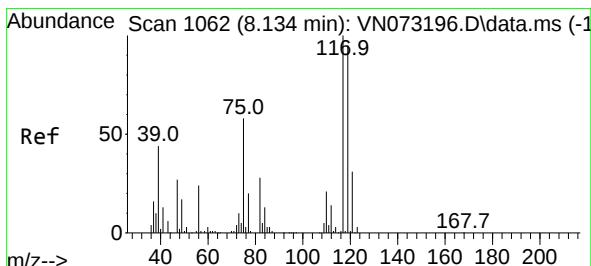
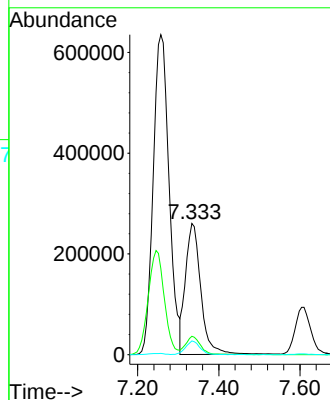
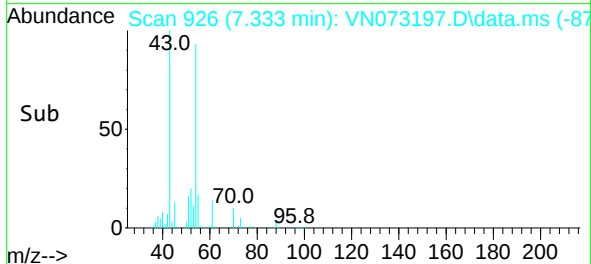


#37  
Ethyl Acetate  
Concen: 108.770 ug/l  
RT: 7.333 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Instrument :  
MSVOA\_N  
ClientSampleId :

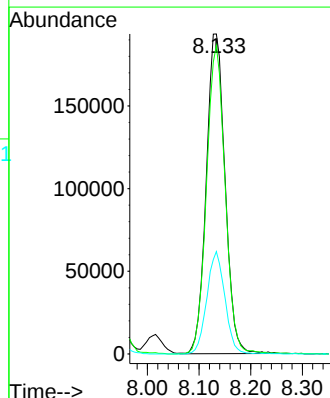
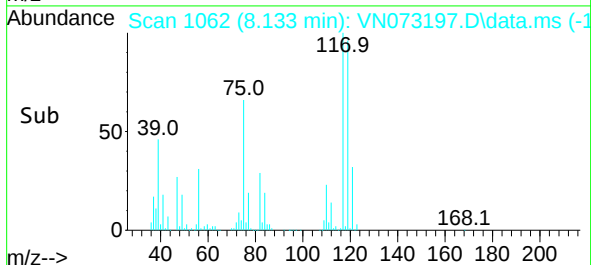
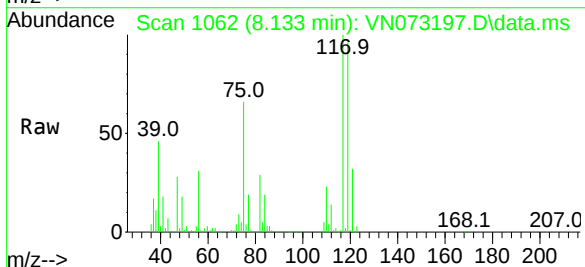


Tgt Ion: 43 Resp: 681094  
Ion Ratio Lower Upper  
43 100  
61 13.0 11.8 17.6  
70 9.8 9.3 13.9



#38  
Carbon Tetrachloride  
Concen: 118.506 ug/l  
RT: 8.133 min Scan# 1062  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Tgt Ion: 117 Resp: 489148  
Ion Ratio Lower Upper  
117 100  
119 96.4 75.8 113.8  
121 32.1 24.6 37.0

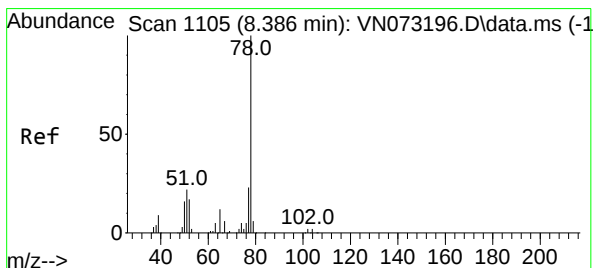
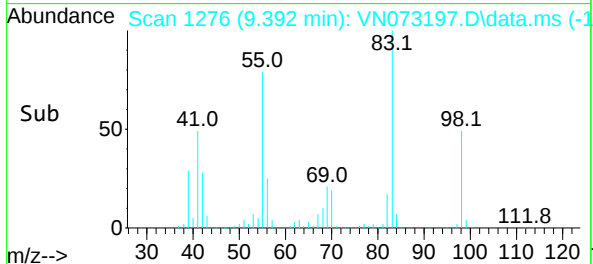
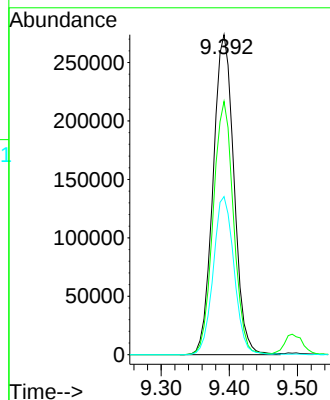
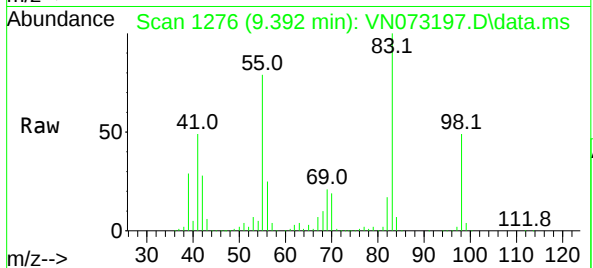




#39  
Methylcyclohexane  
Concen: 122.314 ug/l  
RT: 9.392 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

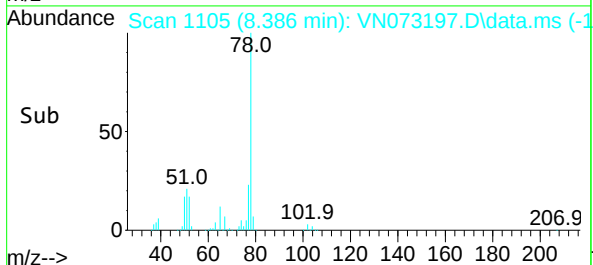
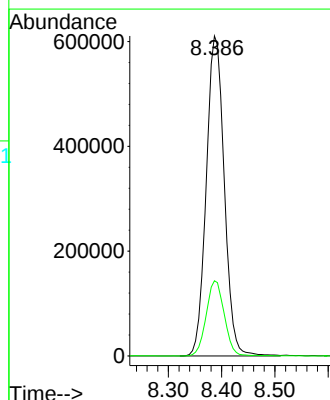
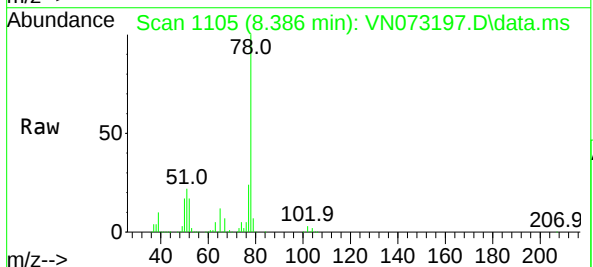
Instrument :  
MSVOA\_N  
ClientSampleId :

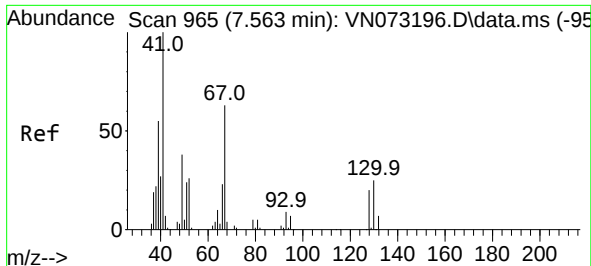
Tgt Ion: 83 Resp: 584185  
Ion Ratio Lower Upper  
83 100  
55 79.1 57.8 86.8  
98 49.4 39.4 59.2



#40  
Benzene  
Concen: 116.165 ug/l  
RT: 8.386 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

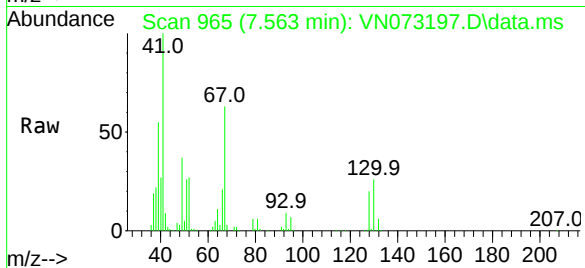
Tgt Ion: 78 Resp: 1434685  
Ion Ratio Lower Upper  
78 100  
77 23.5 19.4 29.0



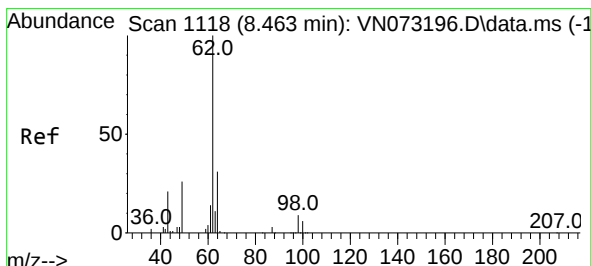
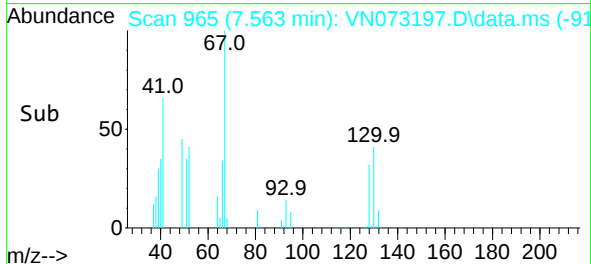
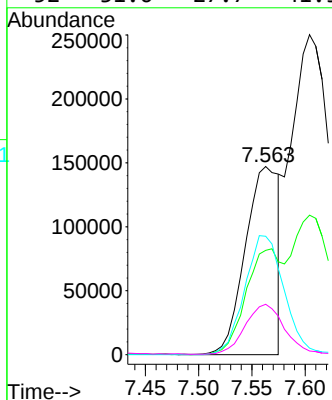


#41  
Methacrylonitrile  
Concen: 108.900 ug/l  
RT: 7.563 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Instrument :  
MSVOA\_N  
ClientSampleId :

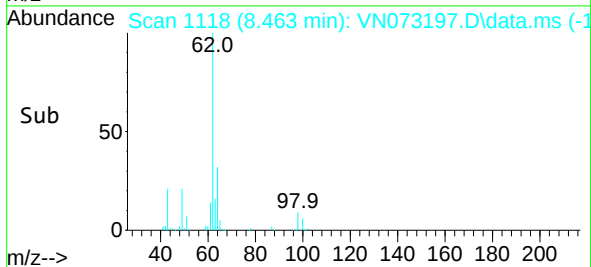
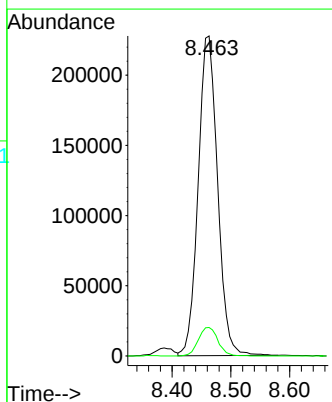
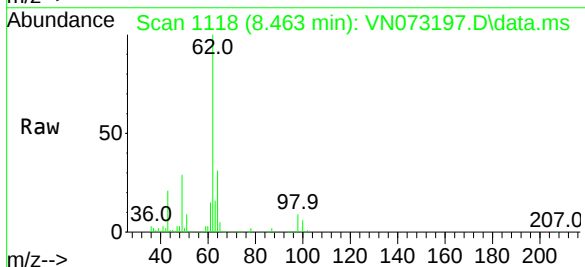


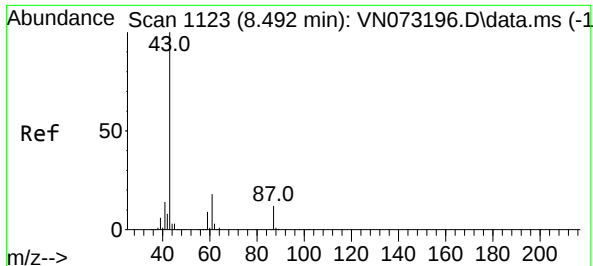
| Tgt Ion:  | 41   | Resp: | 320729 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 39        | 62.7 | 48.6  | 73.0   |
| 67        | 75.3 | 73.4  | 110.2  |
| 52        | 31.6 | 27.7  | 41.5   |



#42  
1,2-Dichloroethane  
Concen: 118.466 ug/l  
RT: 8.463 min Scan# 1118  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

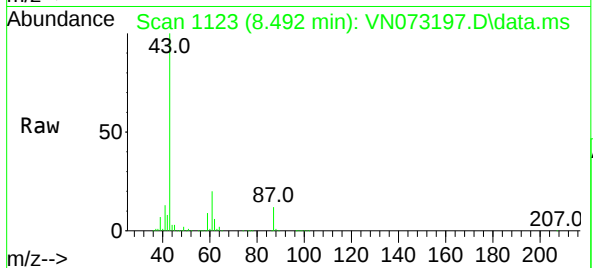
| Tgt Ion:  | 62  | Resp: | 521104 |
|-----------|-----|-------|--------|
| Ion Ratio | 100 | Lower | Upper  |
| 98        | 9.0 | 0.0   | 19.4   |





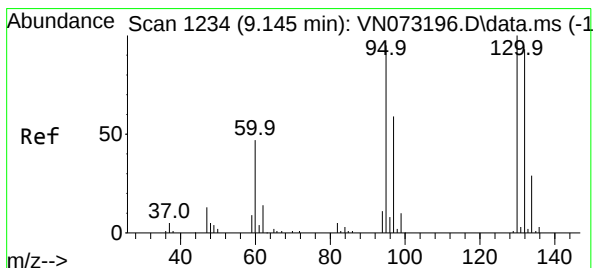
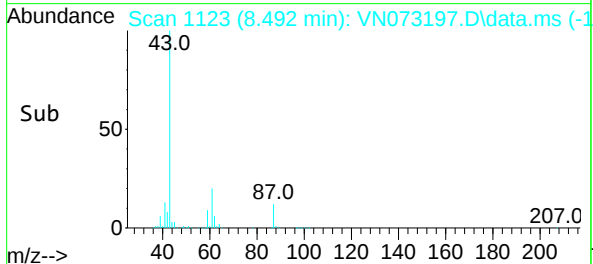
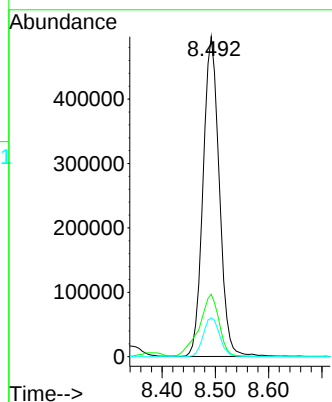
#43  
Isopropyl Acetate  
Concen: 117.026 ug/l  
RT: 8.492 min Scan# 1123  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 43 Resp: 1047157

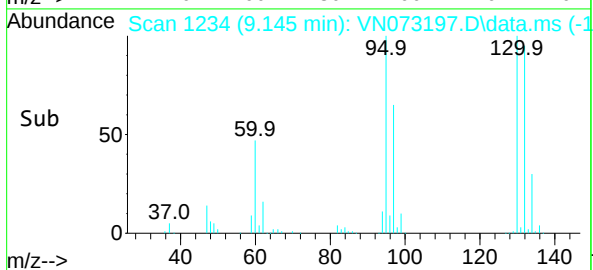
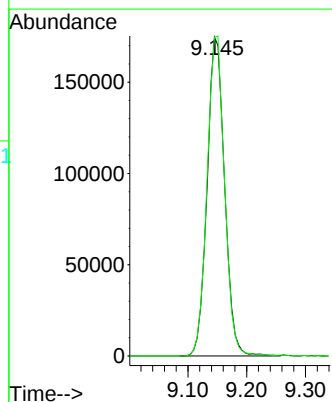
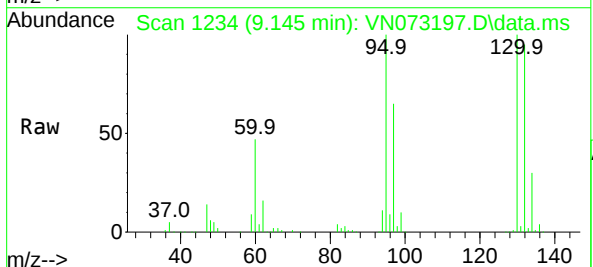
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 24.0  | 21.9  | 32.9  |
| 87  | 12.4  | 12.0  | 18.0  |



#44  
Trichloroethene  
Concen: 115.265 ug/l  
RT: 9.145 min Scan# 1234  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Tgt Ion:130 Resp: 362232

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 99.9  | 0.0   | 186.8 |





#45

1,2-Dichloropropane

Concen: 115.672 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VN073197.D

Acq: 28 Jun 2022 11:47

Instrument :

MSVOA\_N

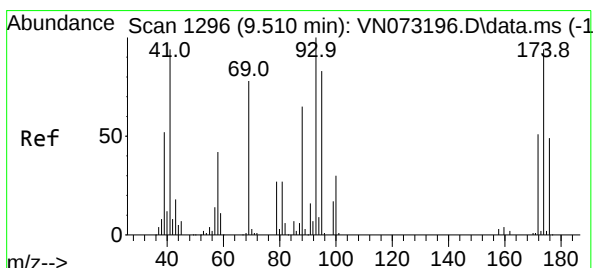
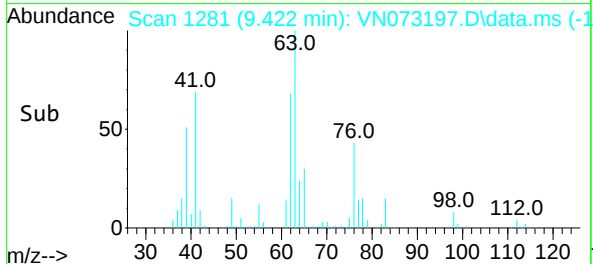
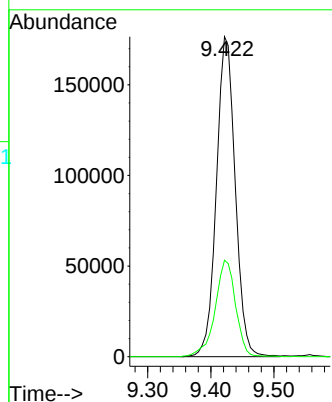
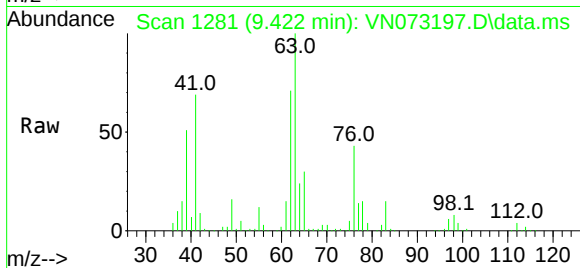
ClientSampleId :

Tgt Ion: 63 Resp: 365872

Ion Ratio Lower Upper

63 100

65 30.2 24.9 37.3



#46

Dibromomethane

Concen: 116.206 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN073197.D

Acq: 28 Jun 2022 11:47

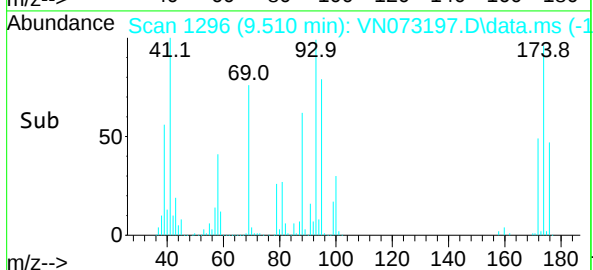
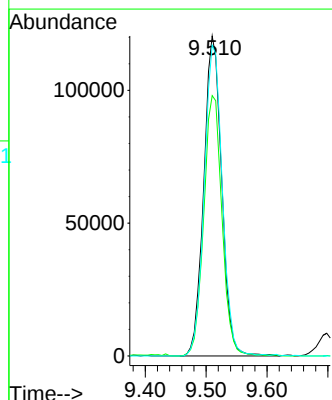
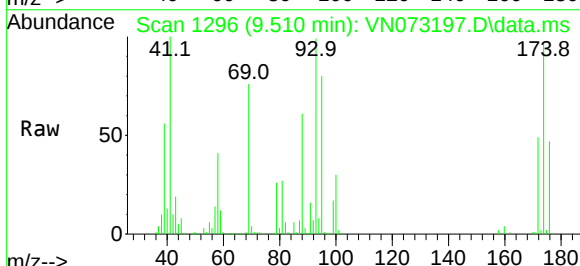
Tgt Ion: 93 Resp: 247261

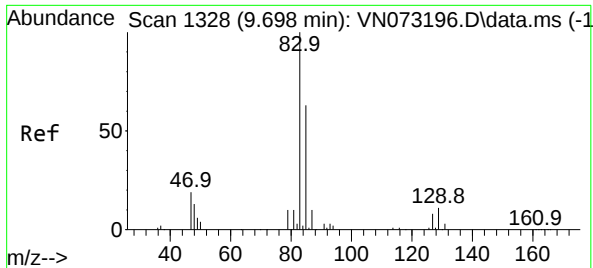
Ion Ratio Lower Upper

93 100

95 82.6 66.9 100.3

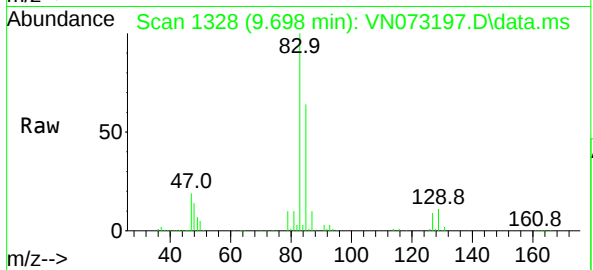
174 97.5 86.6 130.0



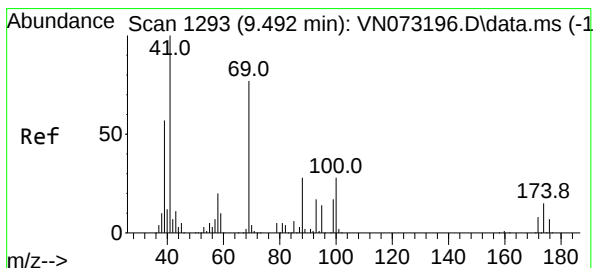
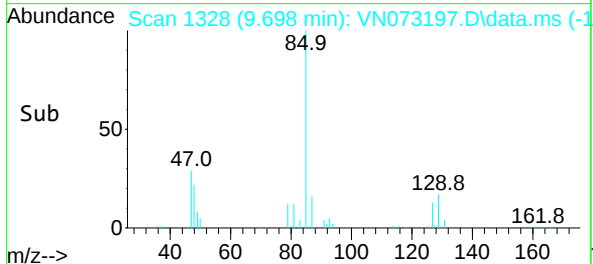
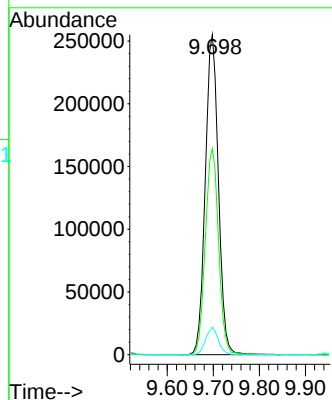


#47  
Bromodichloromethane  
Concen: 119.760 ug/l  
RT: 9.698 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Instrument :  
MSVOA\_N  
ClientSampleId :

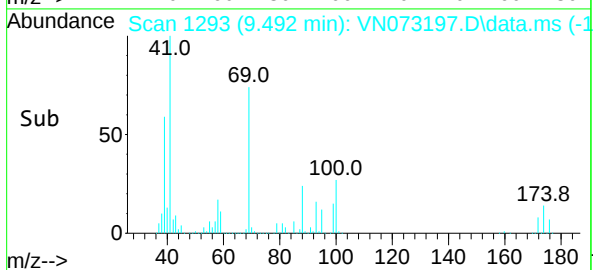
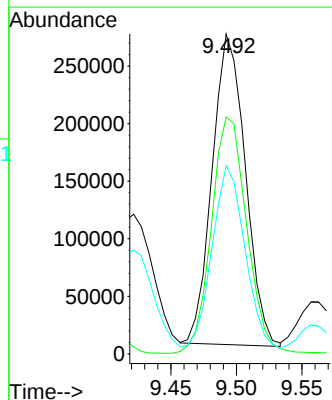
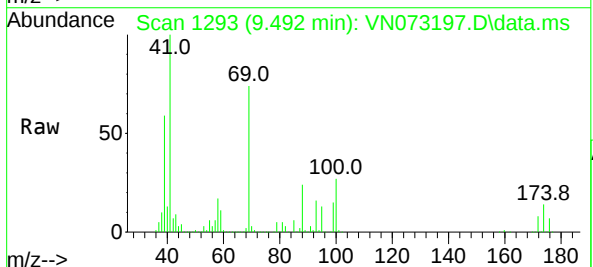


Tgt Ion: 83 Resp: 507037  
Ion Ratio Lower Upper  
83 100  
85 64.4 50.5 75.7  
127 8.6 6.8 10.2



#48  
Methyl methacrylate  
Concen: 114.488 ug/l  
RT: 9.492 min Scan# 1293  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Tgt Ion: 41 Resp: 473808  
Ion Ratio Lower Upper  
41 100  
69 82.1 74.7 112.1  
39 62.2 45.6 68.4

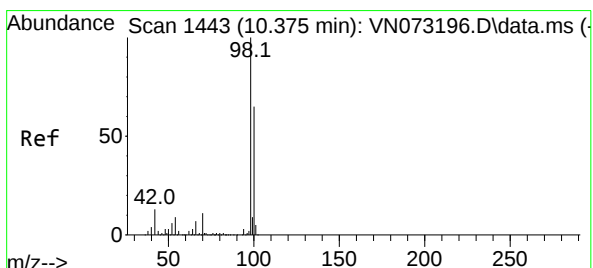
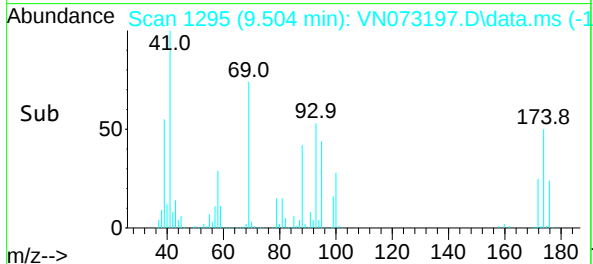
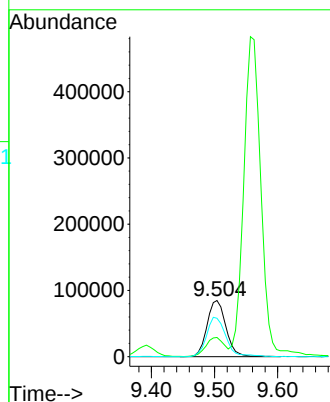
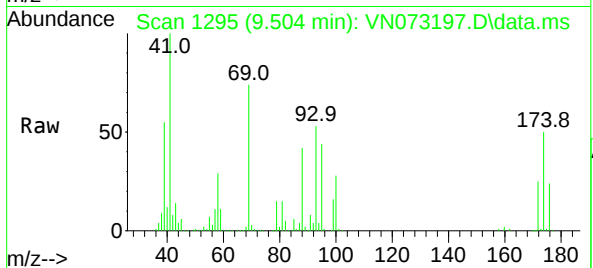




#49  
1,4-Dioxane  
Concen: 1956.583 ug/l  
RT: 9.504 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

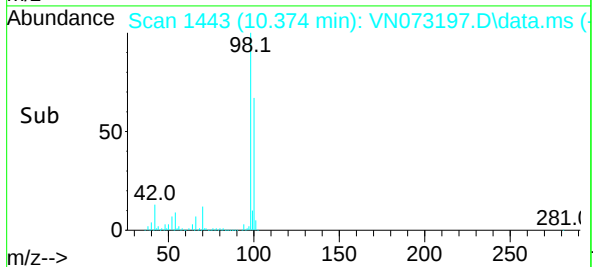
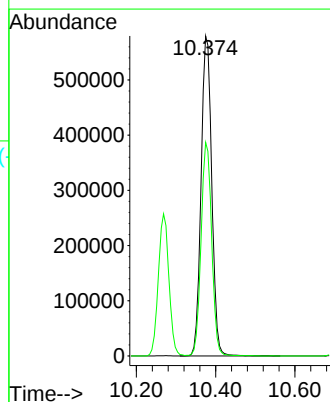
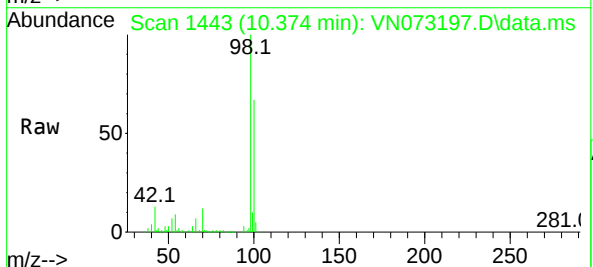
Instrument :  
MSVOA\_N  
ClientSampleId :

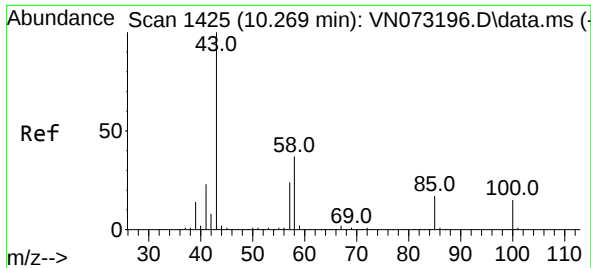
Tgt Ion: 88 Resp: 176909  
Ion Ratio Lower Upper  
88 100  
43 33.0 20.2 30.4#  
58 71.8 54.2 81.4



#50  
Toluene-d8  
Concen: 103.838 ug/l  
RT: 10.374 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Tgt Ion: 98 Resp: 1080748  
Ion Ratio Lower Upper  
98 100  
100 66.6 52.6 78.8

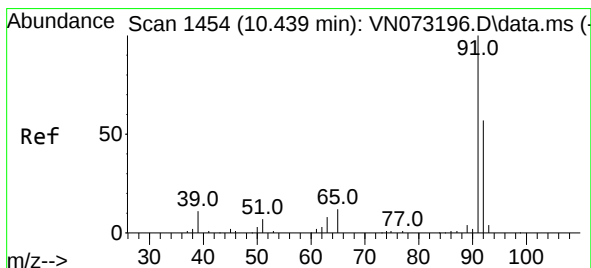
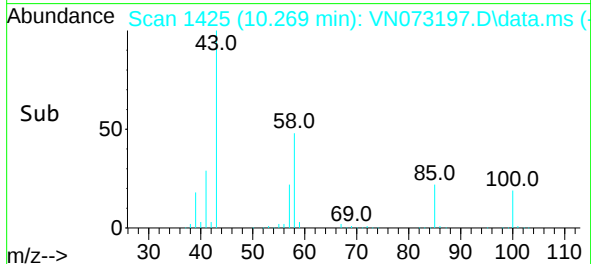
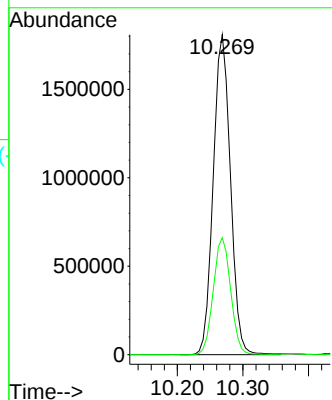
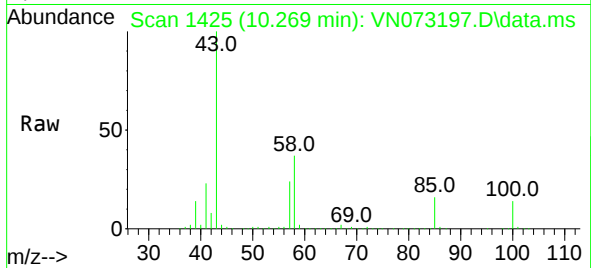




#51  
4-Methyl-2-Pentanone  
Concen: 565.776 ug/l  
RT: 10.269 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

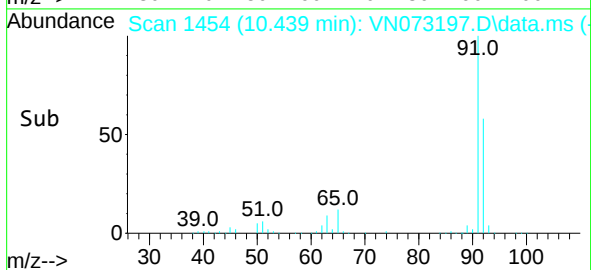
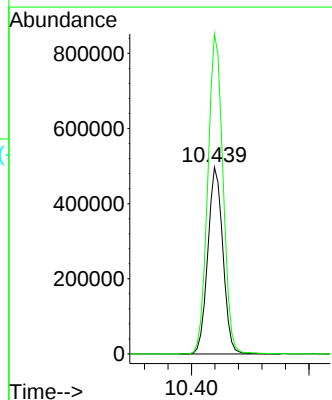
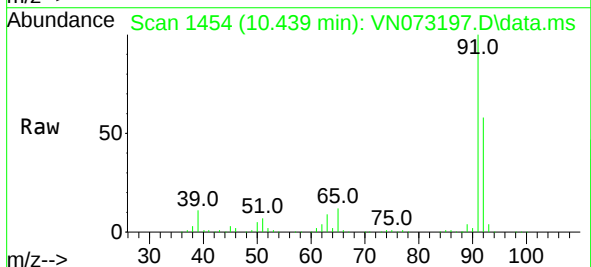
Instrument :  
MSVOA\_N  
ClientSampleId :

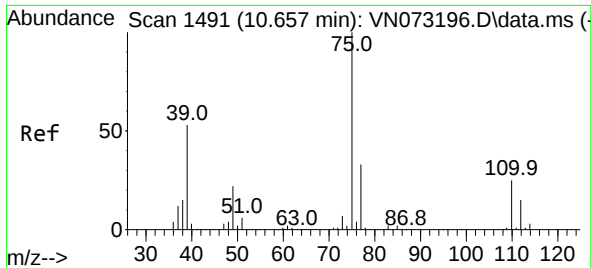
Tgt Ion: 43 Resp: 3290596  
Ion Ratio Lower Upper  
43 100  
58 36.9 34.1 51.1



#52  
Toluene  
Concen: 117.069 ug/l  
RT: 10.439 min Scan# 1454  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Tgt Ion: 92 Resp: 887292  
Ion Ratio Lower Upper  
92 100  
91 173.3 138.6 207.8

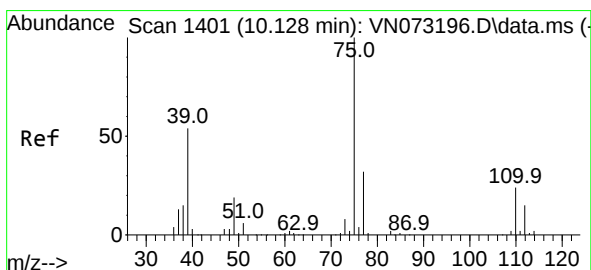
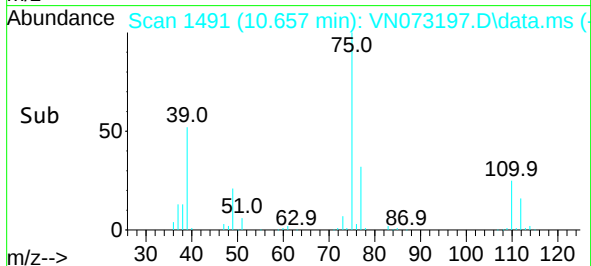
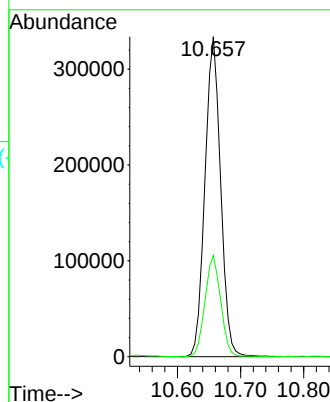
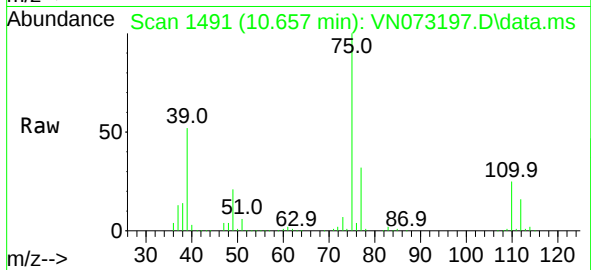




#53  
 t-1,3-Dichloropropene  
 Concen: 126.342 ug/l  
 RT: 10.657 min Scan# 1491  
 Delta R.T. -0.000 min  
 Lab File: VN073197.D  
 Acq: 28 Jun 2022 11:47

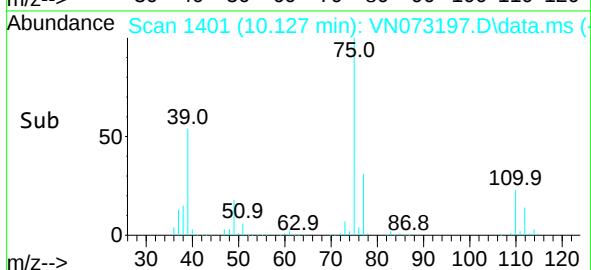
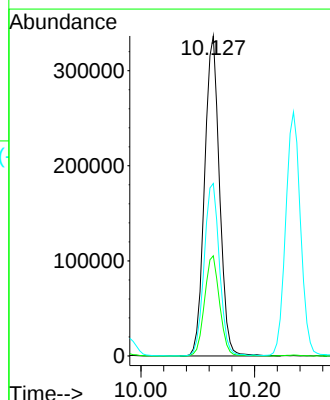
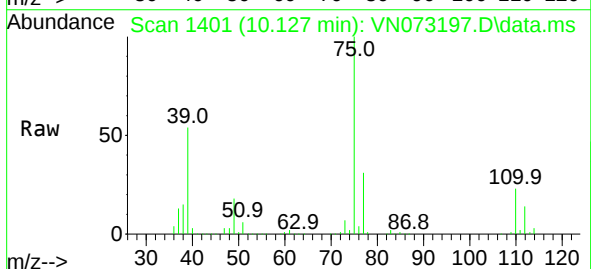
Instrument :  
 MSVOA\_N  
 ClientSampleId :

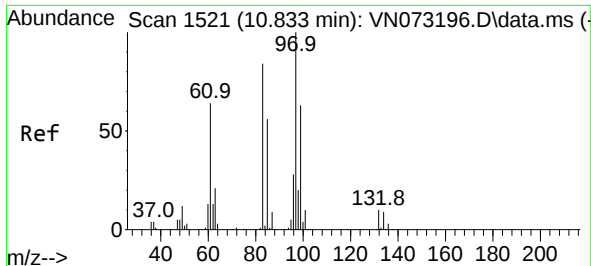
Tgt Ion: 75 Resp: 576088  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 123.324 ug/l  
 RT: 10.127 min Scan# 1401  
 Delta R.T. -0.000 min  
 Lab File: VN073197.D  
 Acq: 28 Jun 2022 11:47

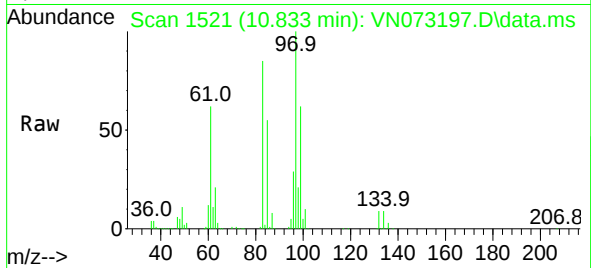
Tgt Ion: 75 Resp: 613395  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 25.2 37.8  
 39 53.9 35.7 53.5#



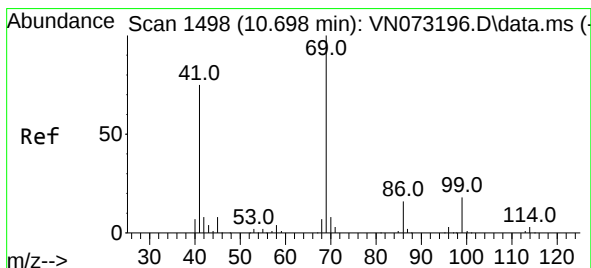
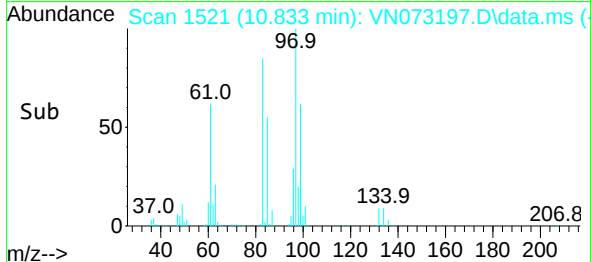
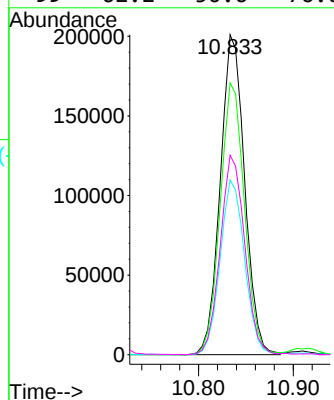


#55  
1,1,2-Trichloroethane  
Concen: 108.944 ug/l  
RT: 10.833 min Scan# 1521  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Instrument :  
MSVOA\_N  
ClientSampleId :

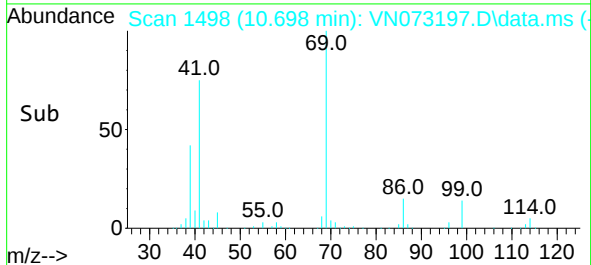
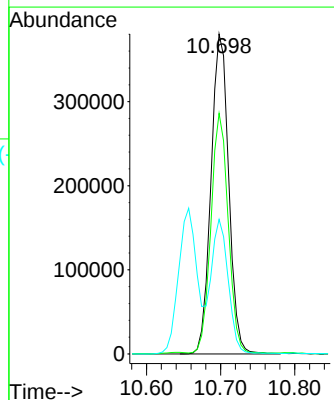
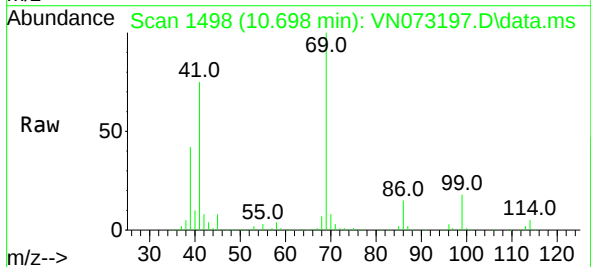


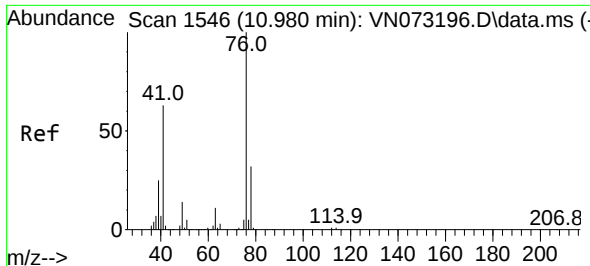
| Tgt Ion: | 97    | Resp: | 359409 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.9  | 66.2  | 99.4   |
| 85       | 54.6  | 43.9  | 65.9   |
| 99       | 62.2  | 50.6  | 76.0   |



#56  
Ethyl methacrylate  
Concen: 118.960 ug/l  
RT: 10.698 min Scan# 1498  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

| Tgt Ion: | 69    | Resp: | 630886 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 72.8  | 47.8  | 71.6#  |
| 39       | 41.9  | 27.3  | 40.9#  |





#57

1,3-Dichloropropane

Concen: 113.913 ug/l

RT: 10.980 min Scan# 1546

Delta R.T. -0.000 min

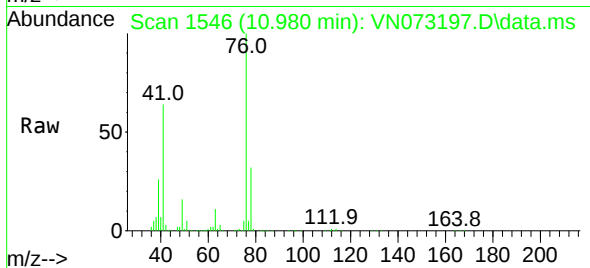
Lab File: VN073197.D

Acq: 28 Jun 2022 11:47

Instrument :

MSVOA\_N

ClientSampleId :

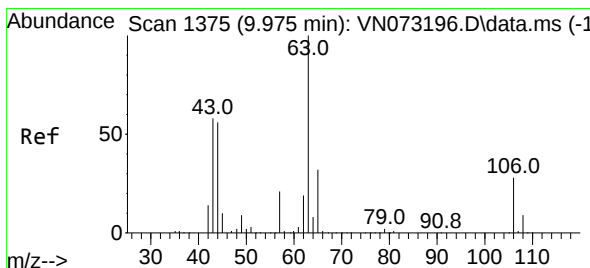
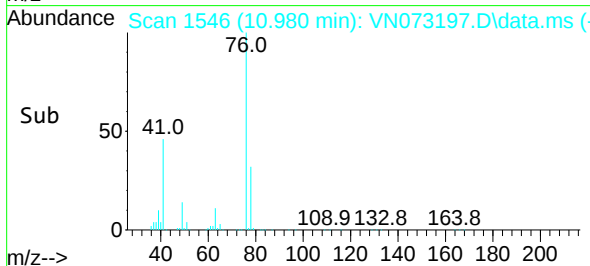
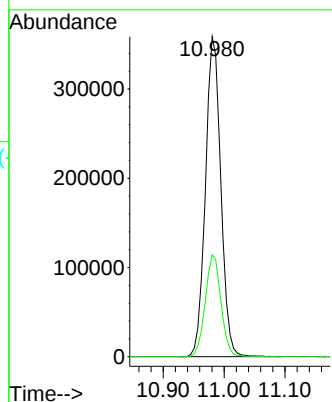


Tgt Ion: 76 Resp: 628876

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 629.701 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VN073197.D

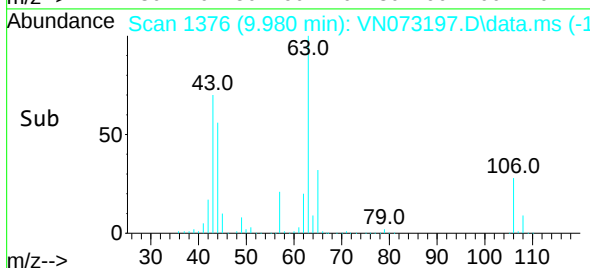
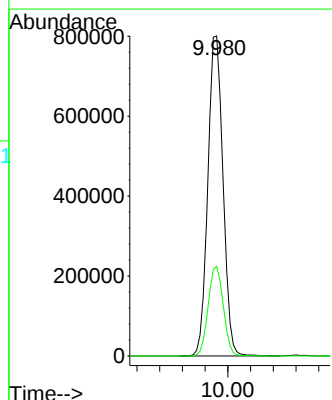
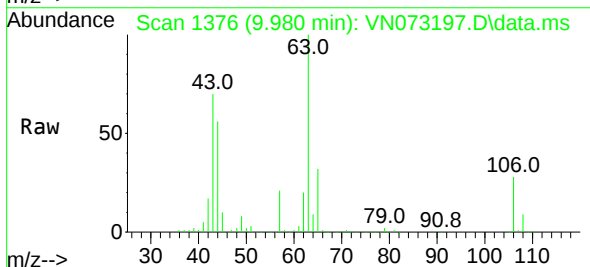
Acq: 28 Jun 2022 11:47

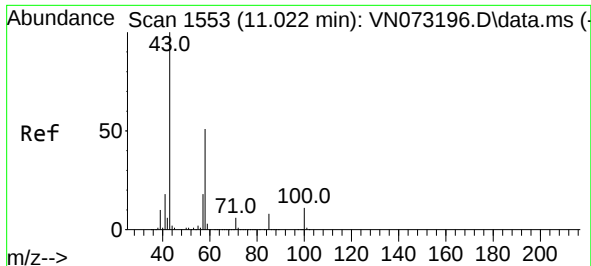
Tgt Ion: 63 Resp: 1478034

Ion Ratio Lower Upper

63 100

106 28.0 24.6 36.8

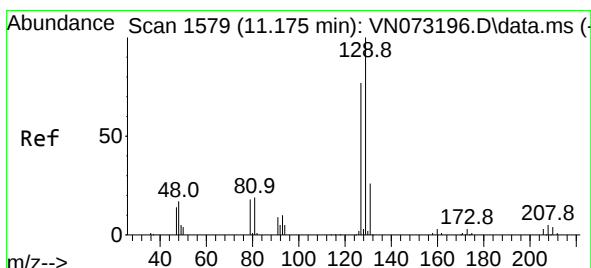
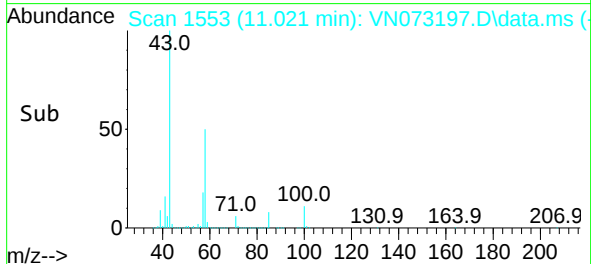
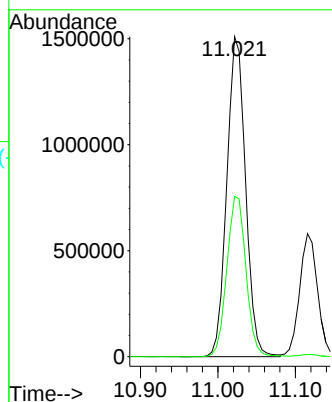
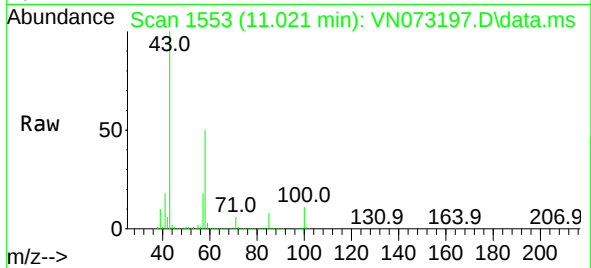




#59  
2-Hexanone  
Concen: 565.225 ug/l  
RT: 11.021 min Scan# 1553  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

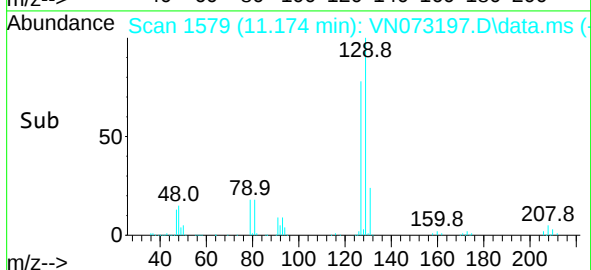
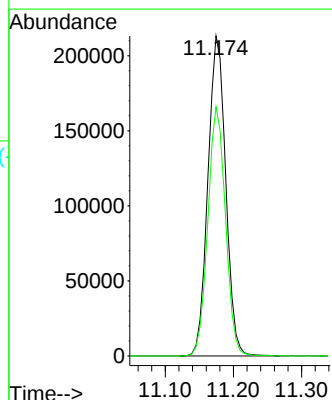
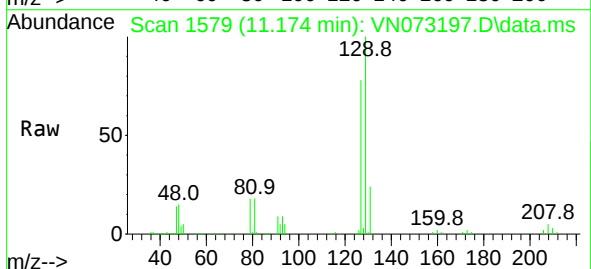
Instrument :  
MSVOA\_N  
ClientSampleId :

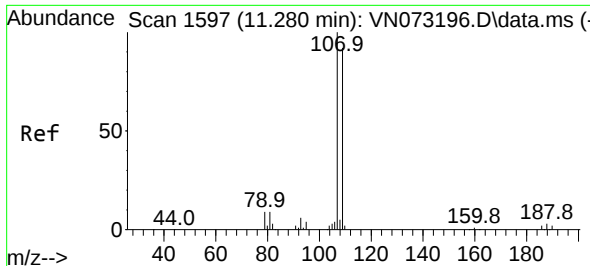
Tgt Ion: 43 Resp: 2540220  
Ion Ratio Lower Upper  
43 100  
58 51.3 29.7 89.1



#60  
Dibromochloromethane  
Concen: 124.090 ug/l  
RT: 11.174 min Scan# 1579  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Tgt Ion:129 Resp: 387233  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.8 116.4

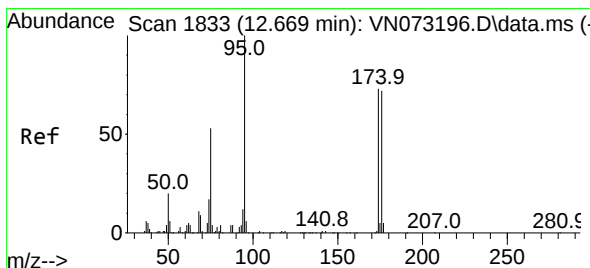
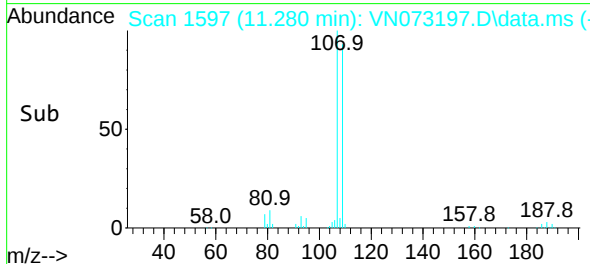
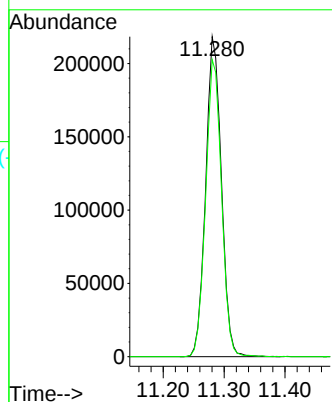
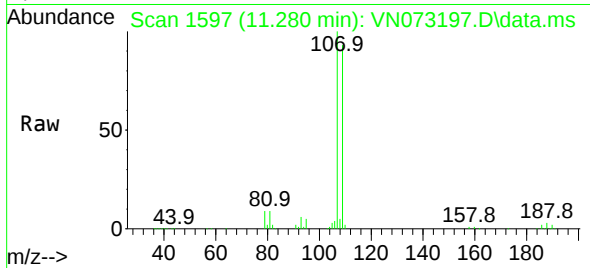




#61  
1,2-Dibromoethane  
Concen: 119.586 ug/l  
RT: 11.280 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

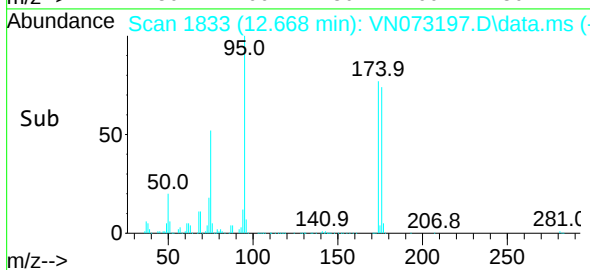
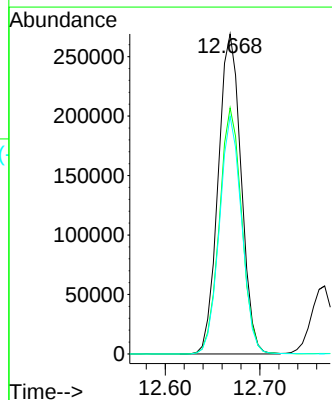
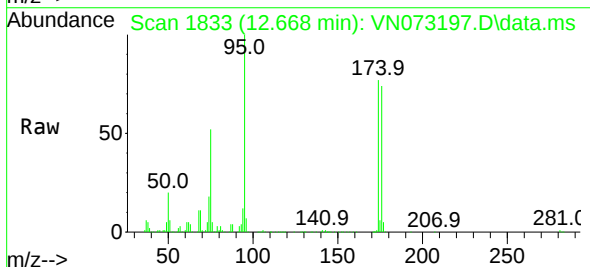
Instrument :  
MSVOA\_N  
ClientSampleId :

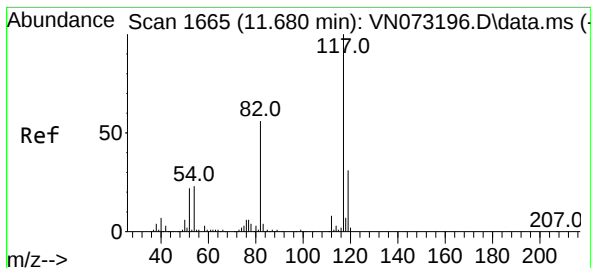
Tgt Ion:107 Resp: 391305  
Ion Ratio Lower Upper  
107 100  
109 93.6 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 117.723 ug/l  
RT: 12.668 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Tgt Ion: 95 Resp: 453023  
Ion Ratio Lower Upper  
95 100  
174 75.1 0.0 167.6  
176 72.0 0.0 163.4

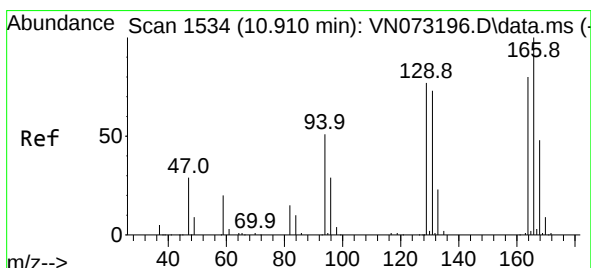
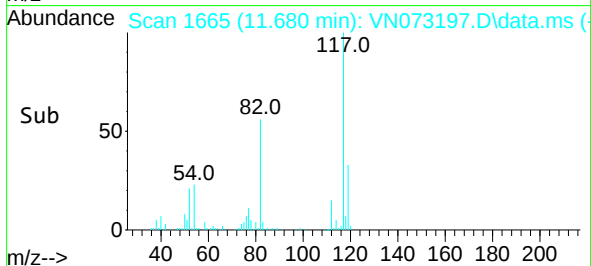
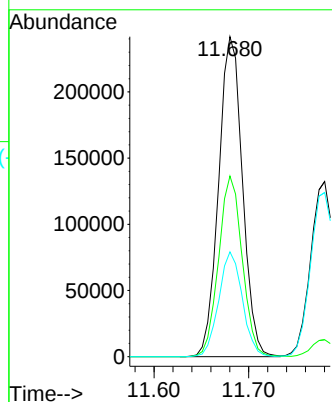
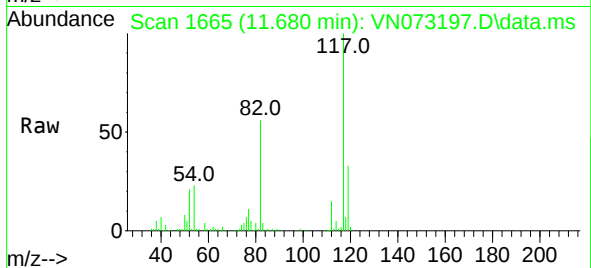




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.680 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

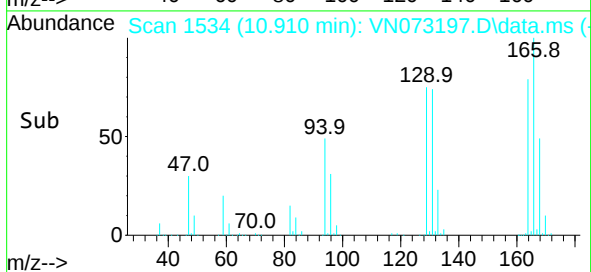
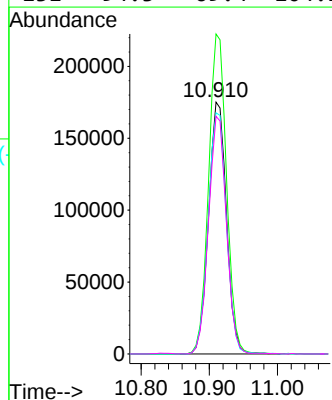
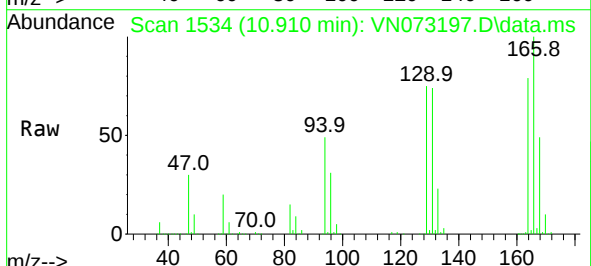
Instrument :  
MSVOA\_N  
ClientSampleId :

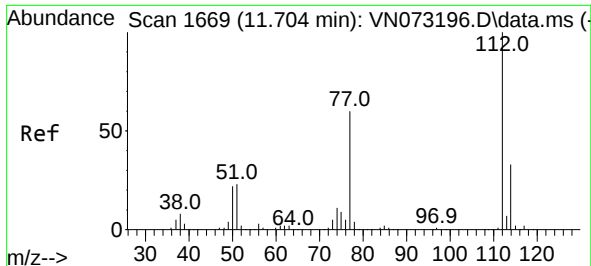
Tgt Ion:117 Resp: 423108  
Ion Ratio Lower Upper  
117 100  
82 56.4 44.2 66.2  
119 32.8 25.4 38.0



#64  
Tetrachloroethene  
Concen: 117.447 ug/l  
RT: 10.910 min Scan# 1534  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

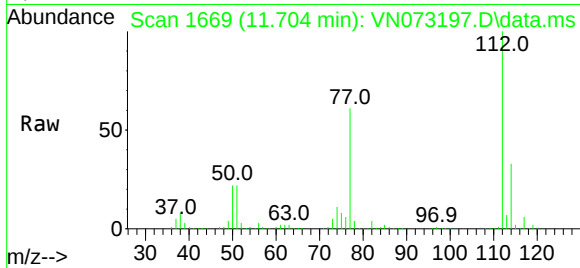
Tgt Ion:164 Resp: 320471  
Ion Ratio Lower Upper  
164 100  
166 127.0 104.2 156.2  
129 95.7 73.9 110.9  
131 94.3 69.4 104.2



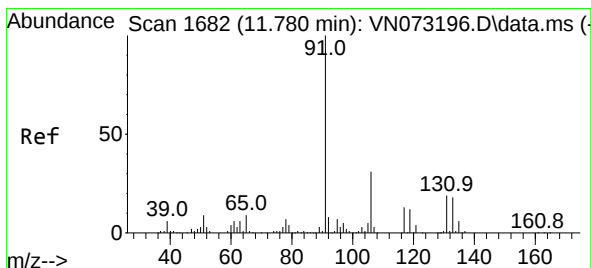
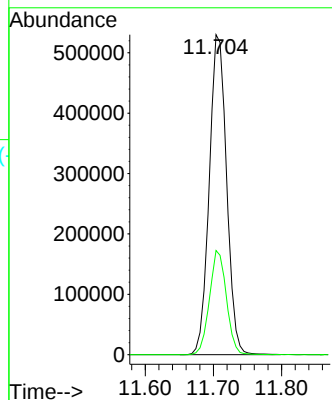
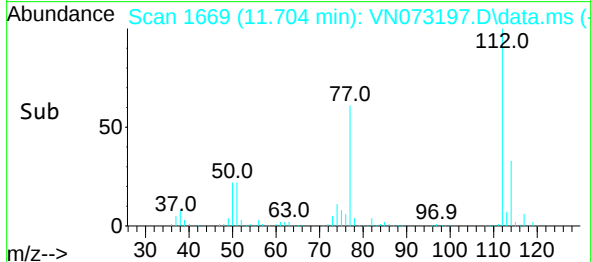


#65  
Chlorobenzene  
Concen: 110.929 ug/l  
RT: 11.704 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

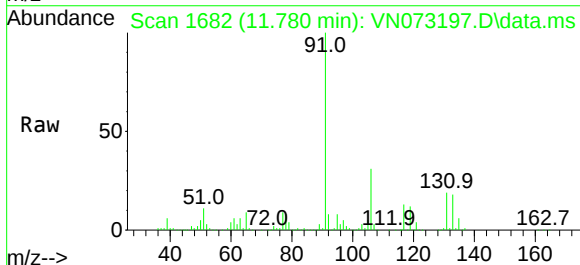
Instrument :  
MSVOA\_N  
ClientSampleId :



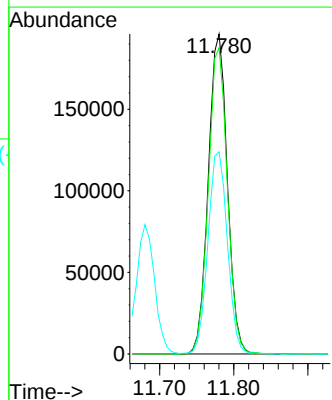
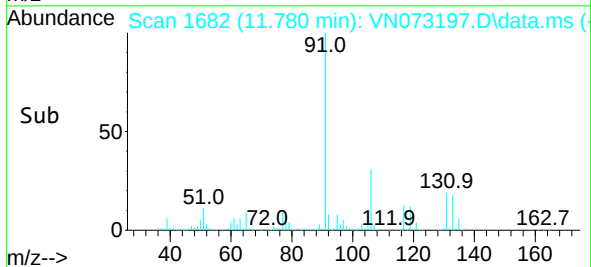
Tgt Ion:112 Resp: 938795  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.4 38.2

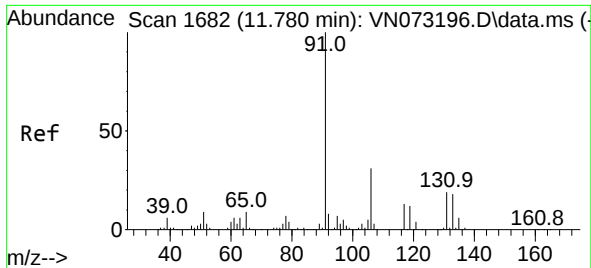


#66  
1,1,1,2-Tetrachloroethane  
Concen: 108.835 ug/l  
RT: 11.780 min Scan# 1682  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47



Tgt Ion:131 Resp: 349940  
Ion Ratio Lower Upper  
131 100  
133 95.4 47.8 143.4  
119 64.8 33.4 100.2

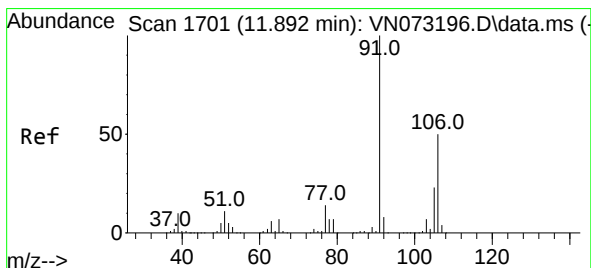
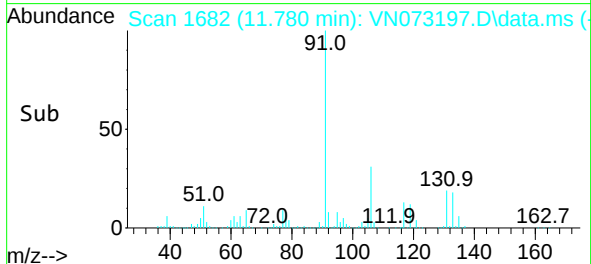
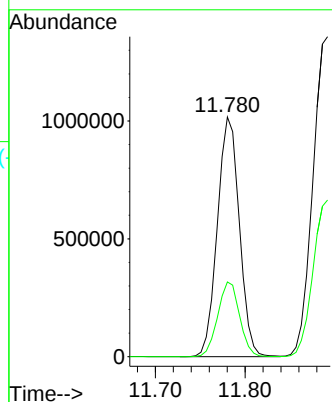
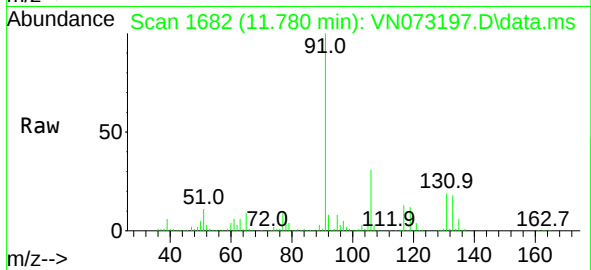




#67  
Ethyl Benzene  
Concen: 115.007 ug/l  
RT: 11.780 min Scan# 1682  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

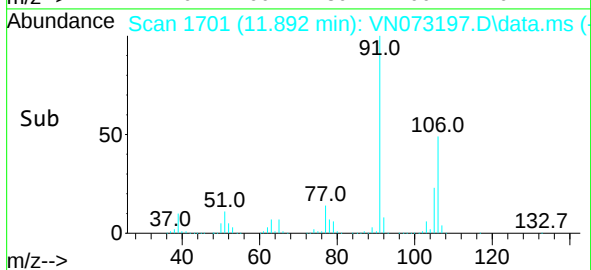
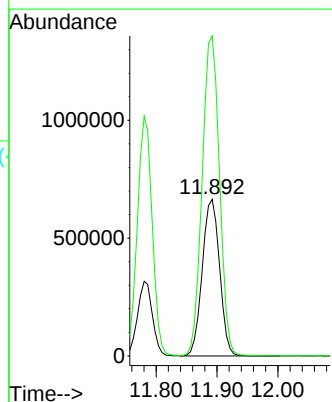
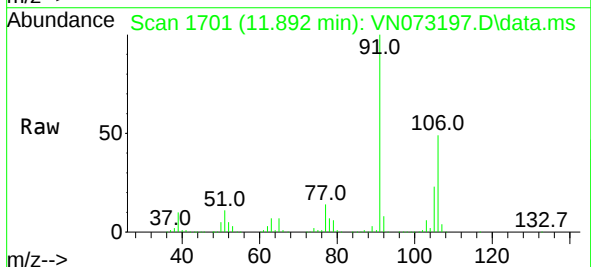
Instrument :  
MSVOA\_N  
ClientSampleId :

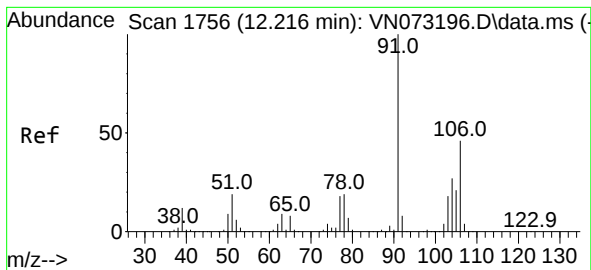
Tgt Ion: 91 Resp: 1727260  
Ion Ratio Lower Upper  
91 100  
106 31.1 24.9 37.3



#68  
m/p-Xylenes  
Concen: 224.140 ug/l  
RT: 11.892 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Tgt Ion:106 Resp: 1314697  
Ion Ratio Lower Upper  
106 100  
91 204.8 158.9 238.3

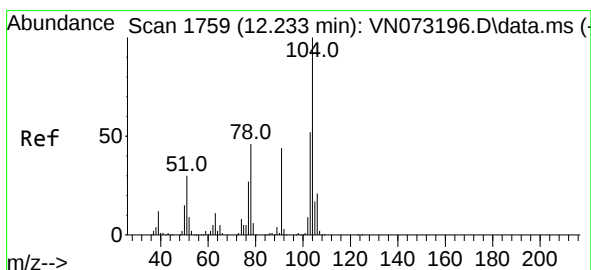
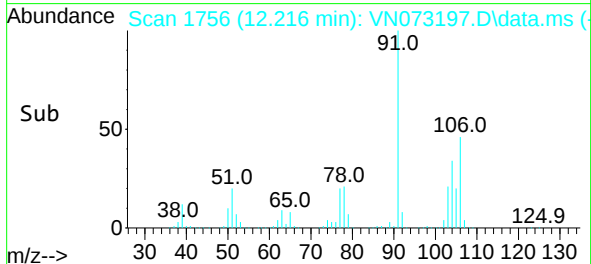
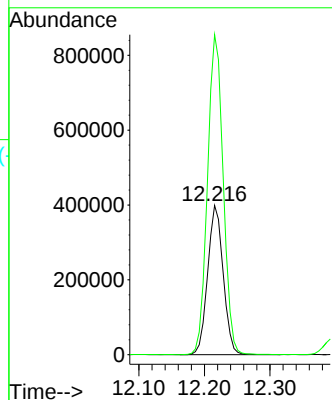
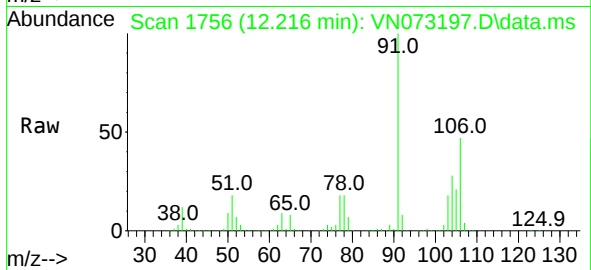




#69  
o-Xylene  
Concen: 111.910 ug/l  
RT: 12.216 min Scan# 1756  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

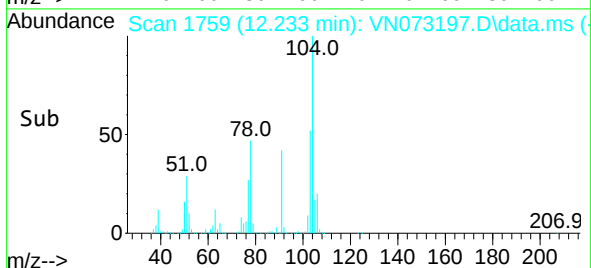
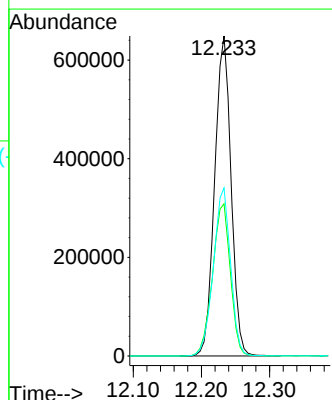
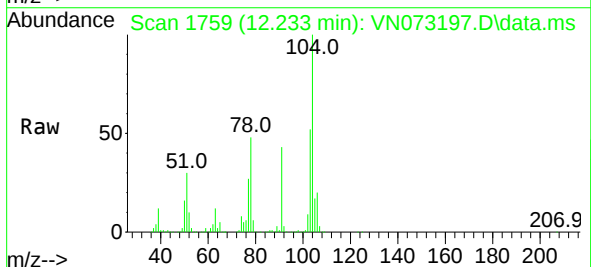
Instrument :  
MSVOA\_N  
ClientSampleId :

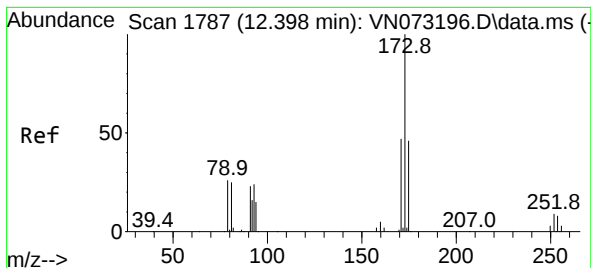
Tgt Ion:106 Resp: 656426  
Ion Ratio Lower Upper  
106 100  
91 217.3 106.0 318.0



#70  
Styrene  
Concen: 115.704 ug/l  
RT: 12.233 min Scan# 1759  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Tgt Ion:104 Resp: 1087072  
Ion Ratio Lower Upper  
104 100  
78 51.8 39.5 59.3  
103 55.1 44.0 66.0





#71

Bromoform

Concen: 120.313 ug/l

RT: 12.392 min Scan# 1

Delta R.T. -0.006 min

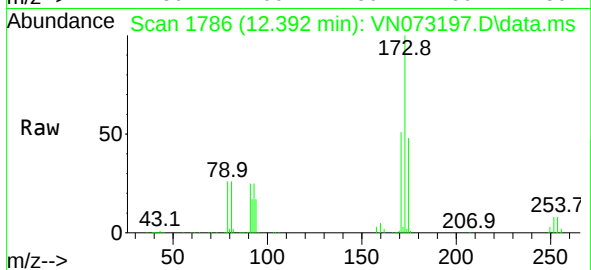
Lab File: VN073197.D

Acq: 28 Jun 2022 11:47

Instrument :

MSVOA\_N

ClientSampleId :



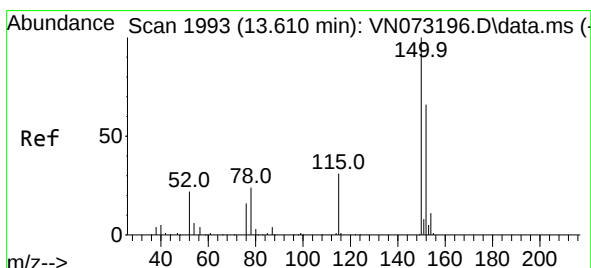
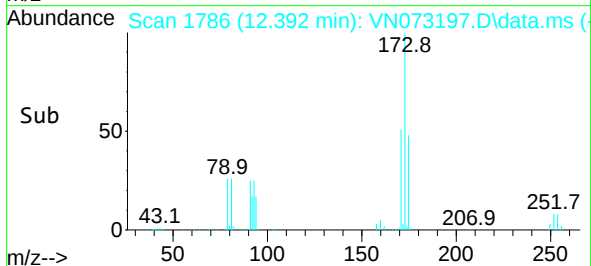
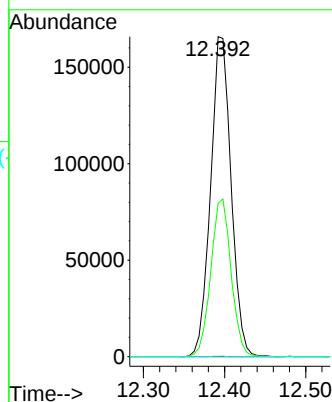
Tgt Ion:173 Resp: 291135

Ion Ratio Lower Upper

173 100

175 48.8 24.6 73.6

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073197.D

Acq: 28 Jun 2022 11:47

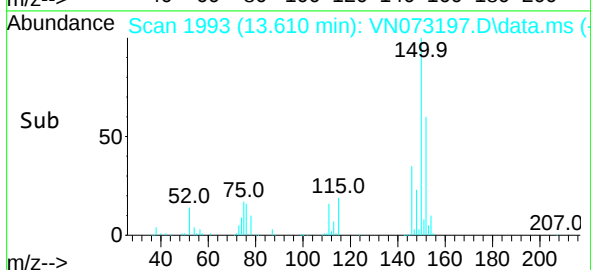
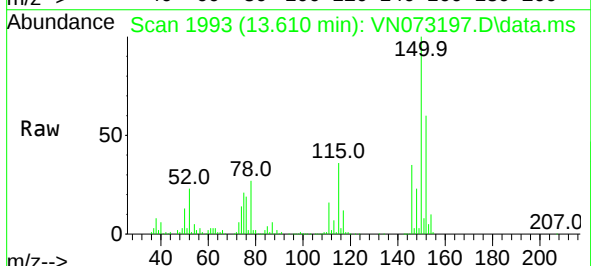
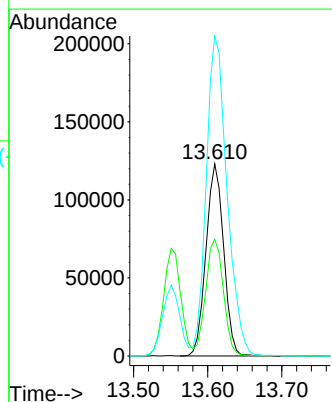
Tgt Ion:152 Resp: 204148

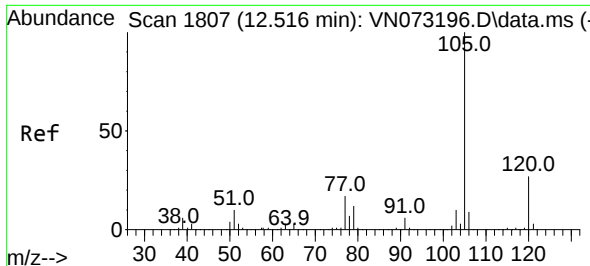
Ion Ratio Lower Upper

152 100

115 60.8 28.9 86.7

150 196.0 0.0 356.2

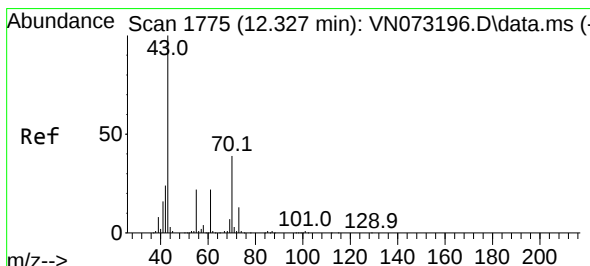
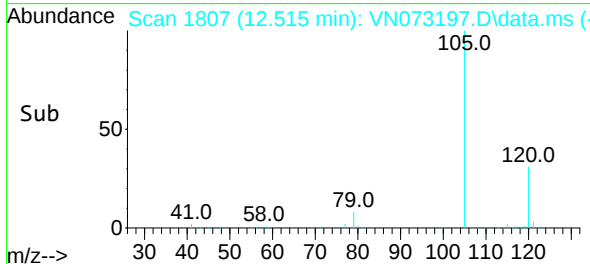
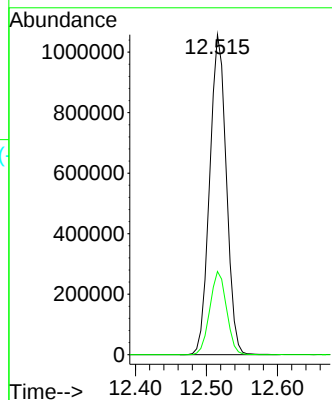
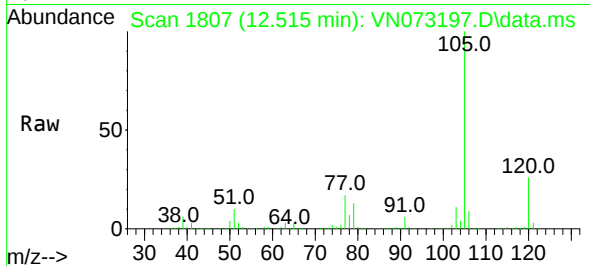




#73  
Isopropylbenzene  
Concen: 106.694 ug/l  
RT: 12.515 min Scan# 1807  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

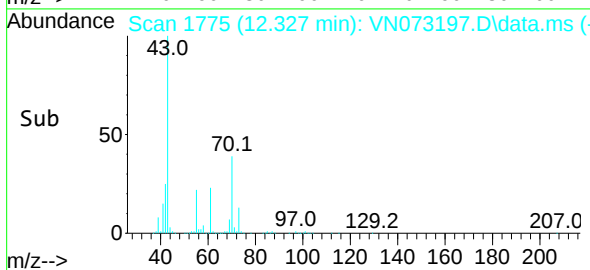
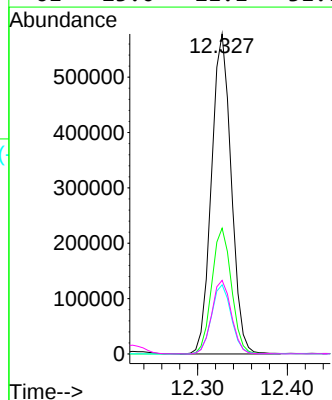
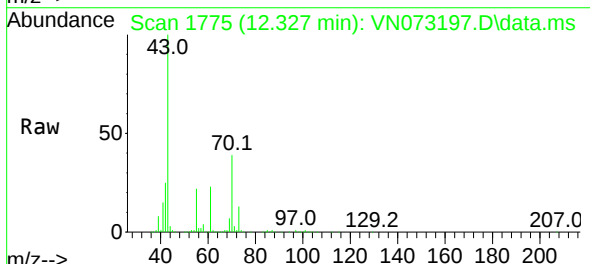
Instrument :  
MSVOA\_N  
ClientSampleId :

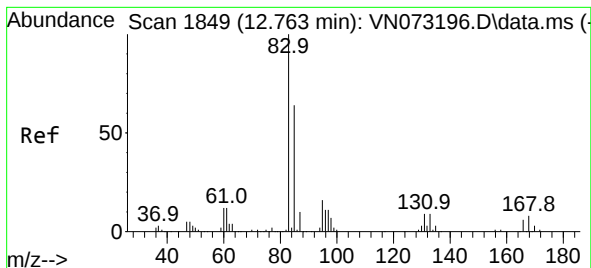
Tgt Ion:105 Resp: 1723776  
Ion Ratio Lower Upper  
105 100  
120 26.0 13.5 40.4



#74  
N-ethyl acetate  
Concen: 105.747 ug/l  
RT: 12.327 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Tgt Ion: 43 Resp: 882330  
Ion Ratio Lower Upper  
43 100  
70 39.3 39.0 58.4  
55 21.8 21.1 31.7  
61 23.0 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 97.531 ug/l

RT: 12.768 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VN073197.D

Acq: 28 Jun 2022 11:47

Instrument :

MSVOA\_N

ClientSampleId :

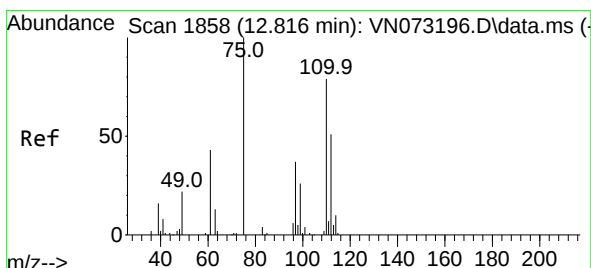
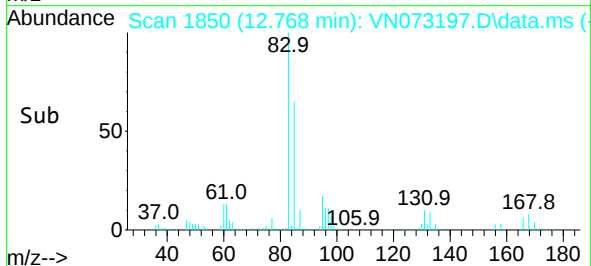
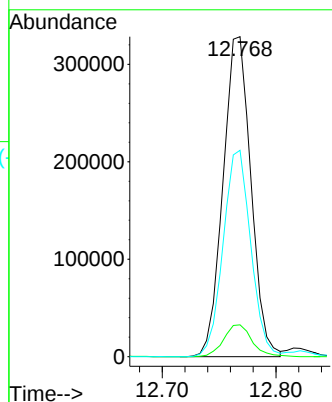
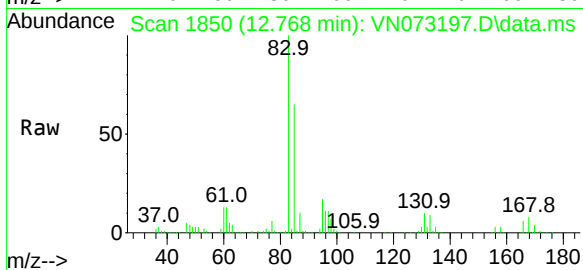
Tgt Ion: 83 Resp: 560040

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.9

85 64.1 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 154.054 ug/l

RT: 12.815 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN073197.D

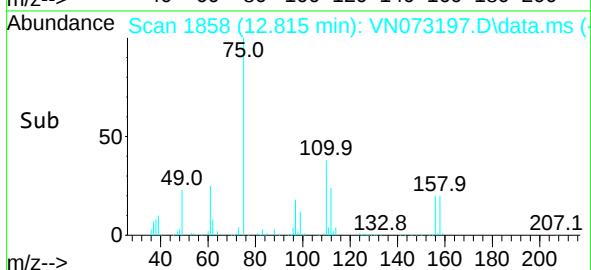
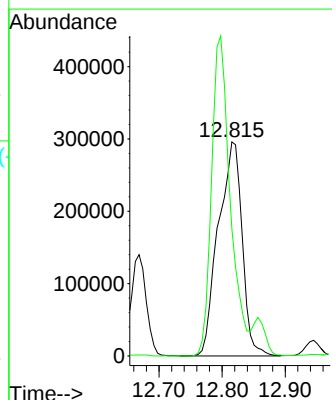
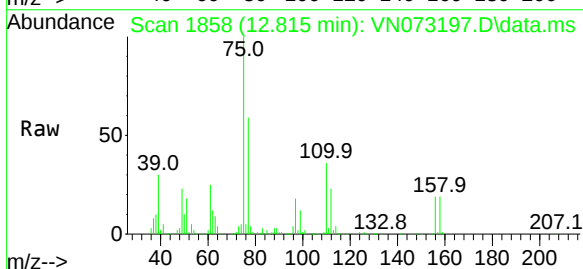
Acq: 28 Jun 2022 11:47

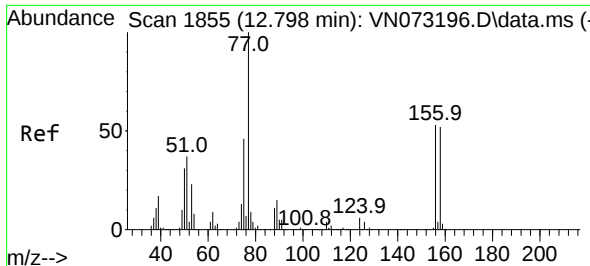
Tgt Ion: 75 Resp: 776044

Ion Ratio Lower Upper

75 100

77 117.8 98.5 295.5

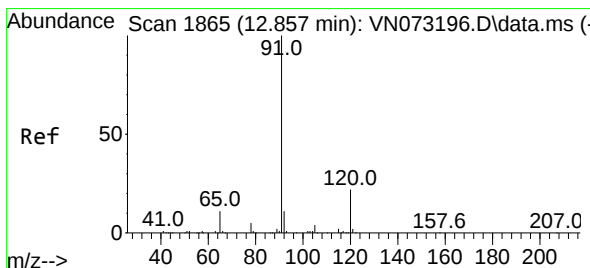
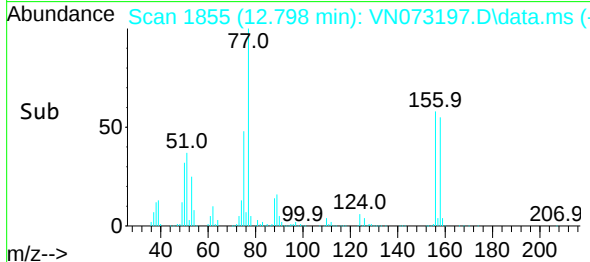
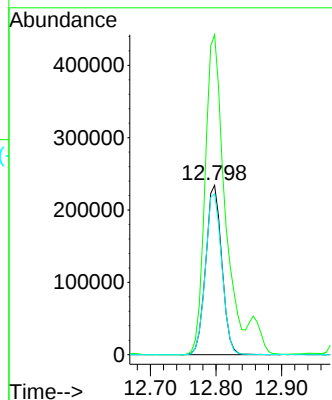
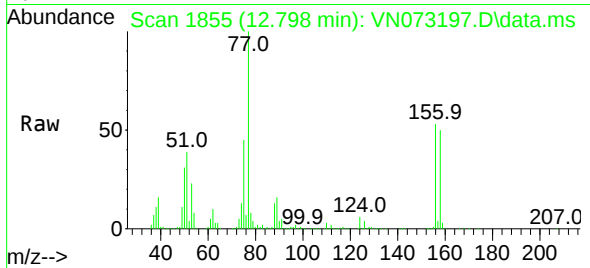




#77  
Bromobenzene  
Concen: 103.965 ug/l  
RT: 12.798 min Scan# 1855  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

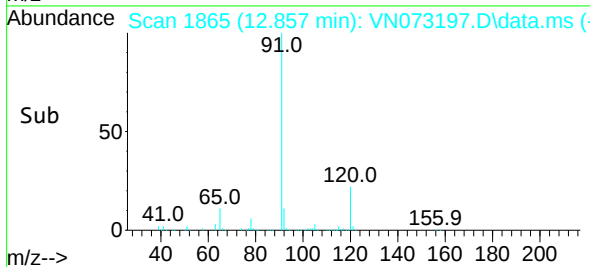
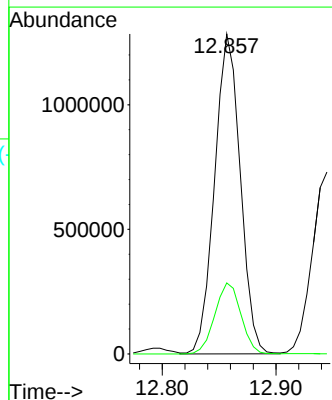
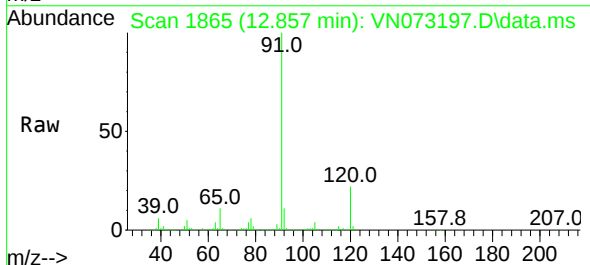
Instrument :  
MSVOA\_N  
ClientSampleId :

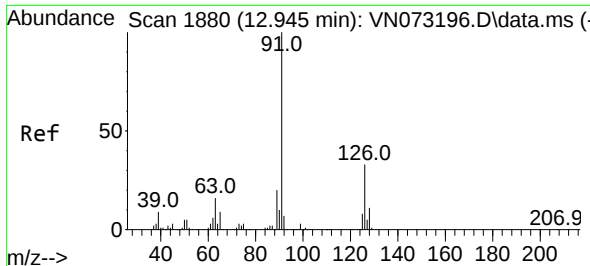
Tgt Ion:156 Resp: 399071  
Ion Ratio Lower Upper  
156 100  
77 229.1 100.5 301.5  
158 97.0 48.9 146.6



#78  
n-propylbenzene  
Concen: 112.925 ug/l  
RT: 12.857 min Scan# 1865  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Tgt Ion: 91 Resp: 2014662  
Ion Ratio Lower Upper  
91 100  
120 22.5 11.9 35.5

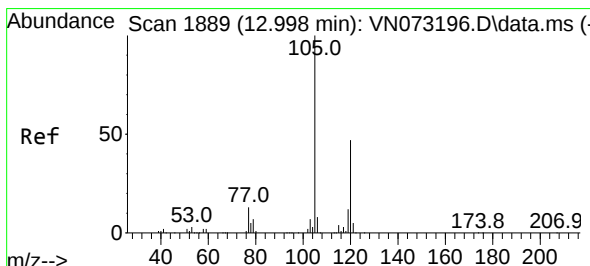
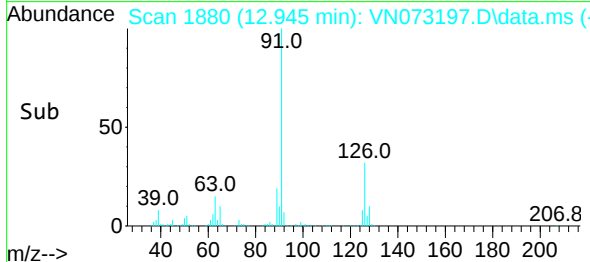
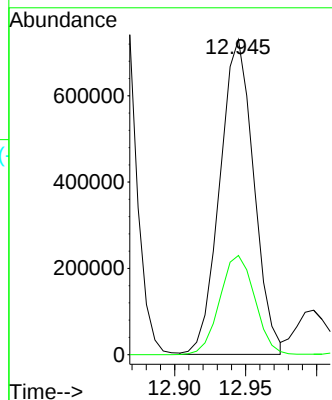
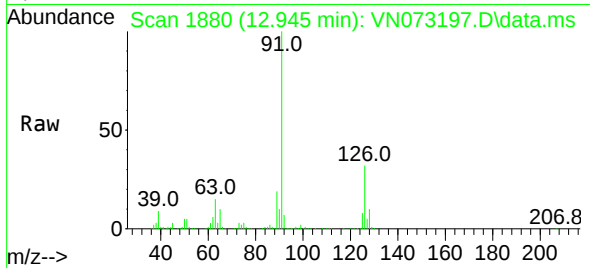




#79  
2-Chlorotoluene  
Concen: 105.716 ug/l  
RT: 12.945 min Scan# 1880  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

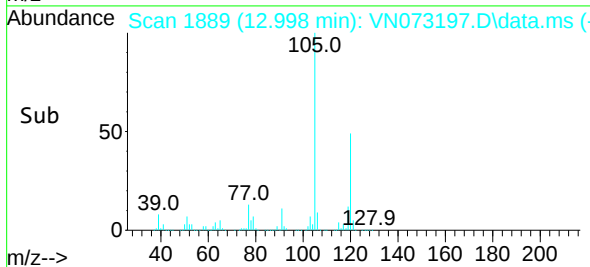
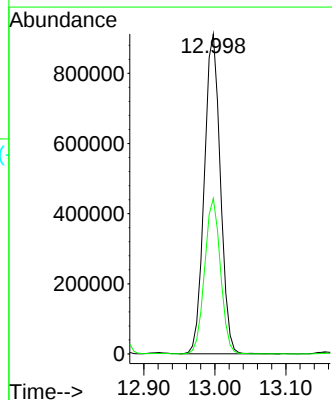
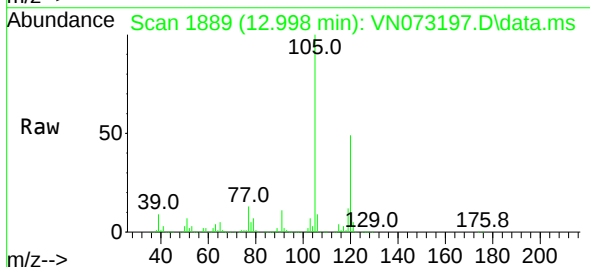
Instrument :  
MSVOA\_N  
ClientSampleId :

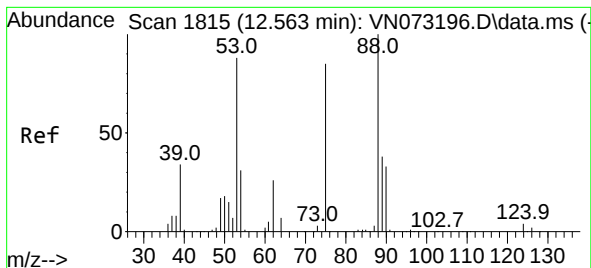
Tgt Ion: 91 Resp: 1215679  
Ion Ratio Lower Upper  
91 100  
126 32.5 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 108.247 ug/l  
RT: 12.998 min Scan# 1889  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Tgt Ion: 105 Resp: 1432915  
Ion Ratio Lower Upper  
105 100  
120 47.8 24.9 74.7

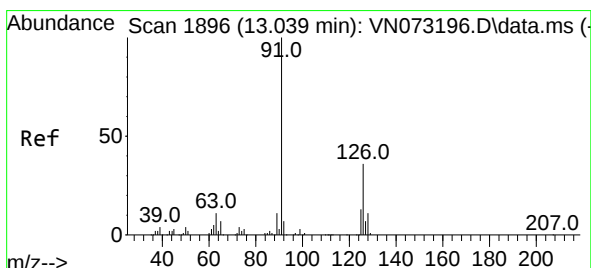
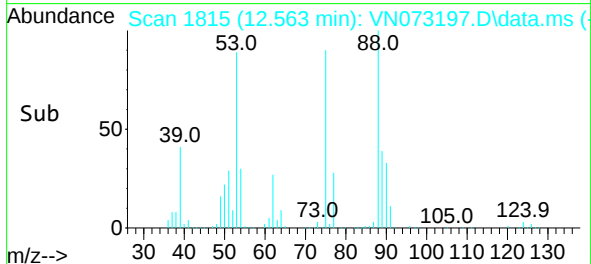
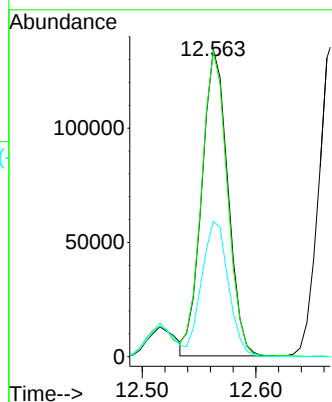
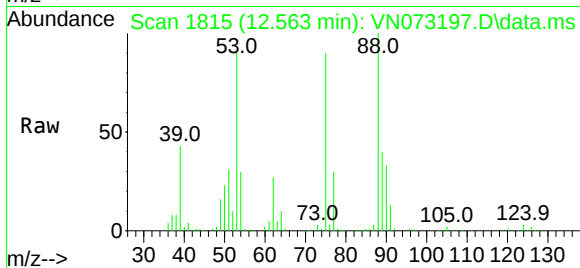




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 114.261 ug/l  
 RT: 12.563 min Scan# 1815  
 Delta R.T. -0.000 min  
 Lab File: VN073197.D  
 Acq: 28 Jun 2022 11:47

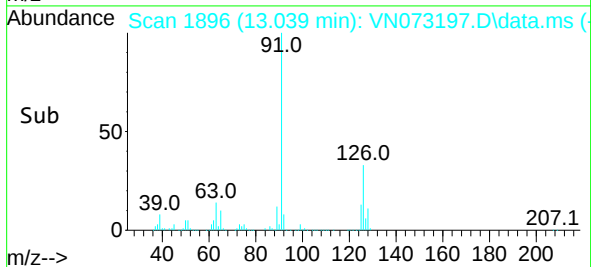
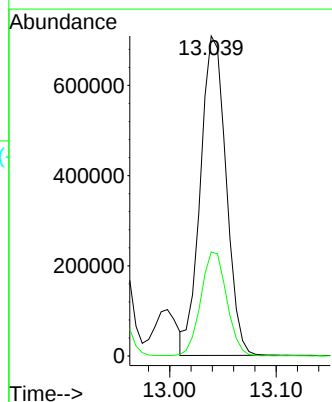
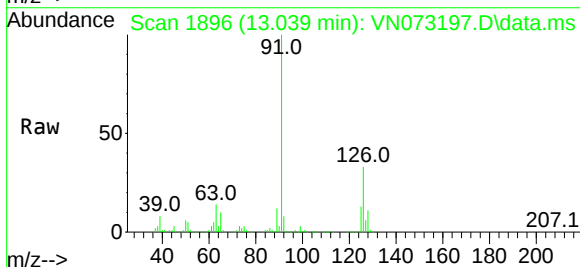
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 75 Resp: 213338  
 Ion Ratio Lower Upper  
 75 100  
 53 98.7 78.0 117.0  
 89 45.1 37.2 55.8



#82  
 4-Chlorotoluene  
 Concen: 109.067 ug/l  
 RT: 13.039 min Scan# 1896  
 Delta R.T. -0.000 min  
 Lab File: VN073197.D  
 Acq: 28 Jun 2022 11:47

Tgt Ion: 91 Resp: 1187847  
 Ion Ratio Lower Upper  
 91 100  
 126 32.8 17.2 51.6

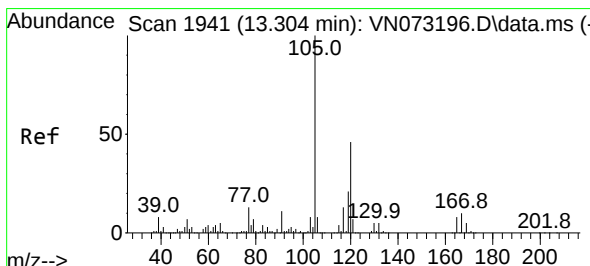
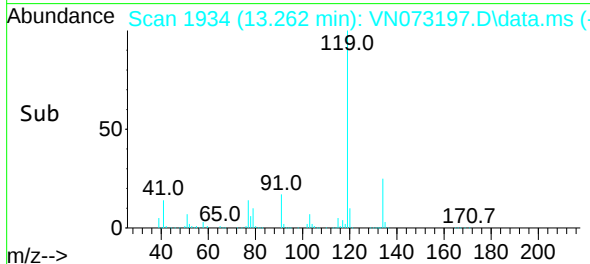
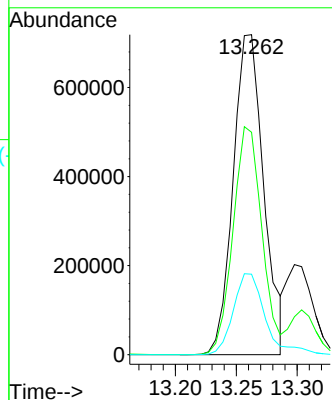
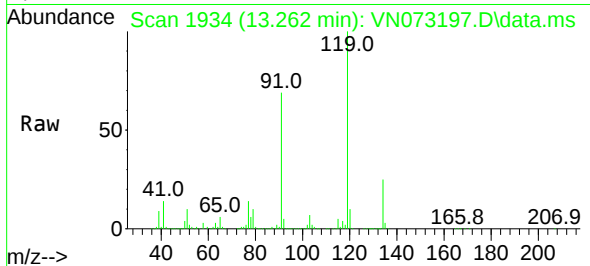




#83  
tert-Butylbenzene  
Concen: 104.132 ug/l  
RT: 13.262 min Scan# 1934  
Delta R.T. 0.006 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

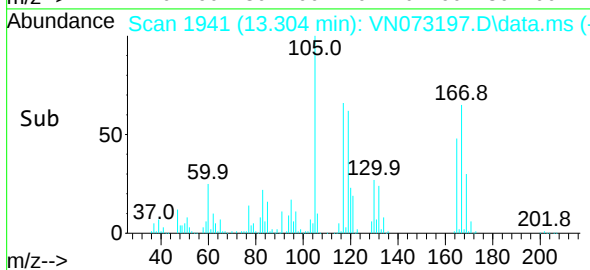
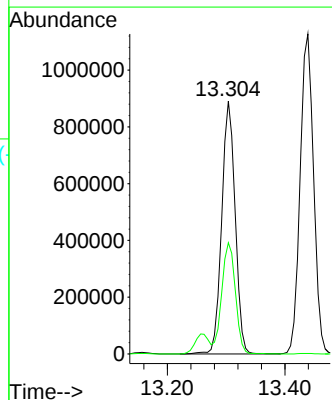
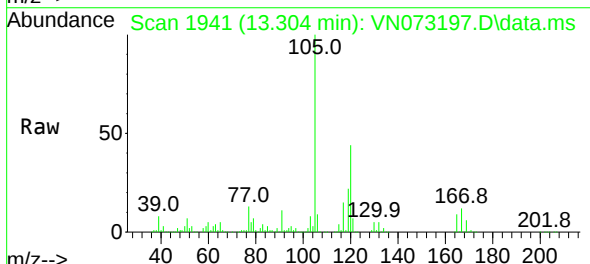
Instrument :  
MSVOA\_N  
ClientSampleId :

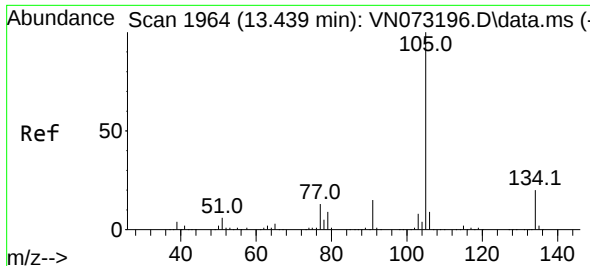
Tgt Ion:119 Resp: 1258598  
Ion Ratio Lower Upper  
119 100  
91 67.3 31.6 94.8  
134 26.5 13.7 41.1



#84  
1,2,4-Trimethylbenzene  
Concen: 107.270 ug/l  
RT: 13.304 min Scan# 1941  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Tgt Ion:105 Resp: 1417300  
Ion Ratio Lower Upper  
105 100  
120 44.5 23.3 69.8

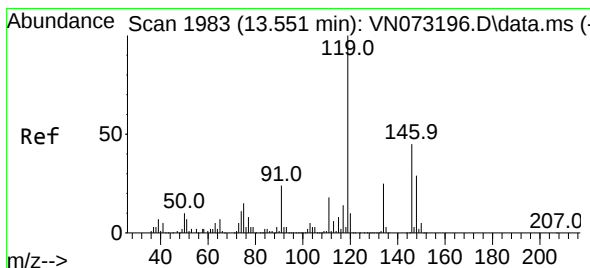
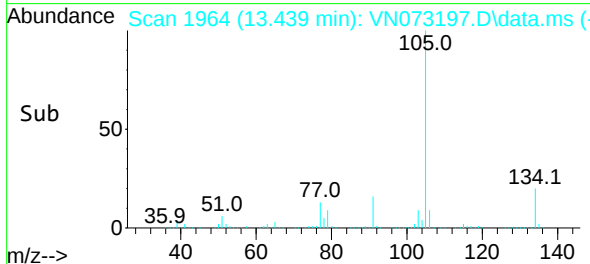
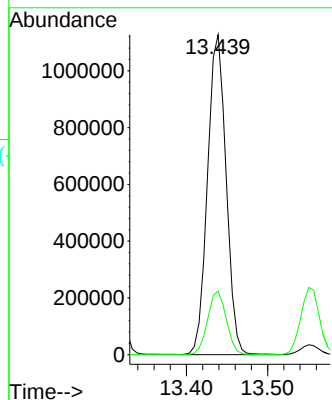
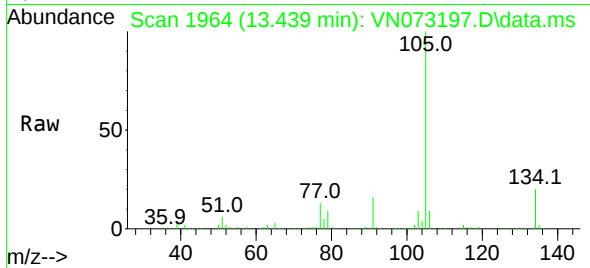




#85  
 sec-Butylbenzene  
 Concen: 110.442 ug/l  
 RT: 13.439 min Scan# 1964  
 Delta R.T. -0.000 min  
 Lab File: VN073197.D  
 Acq: 28 Jun 2022 11:47

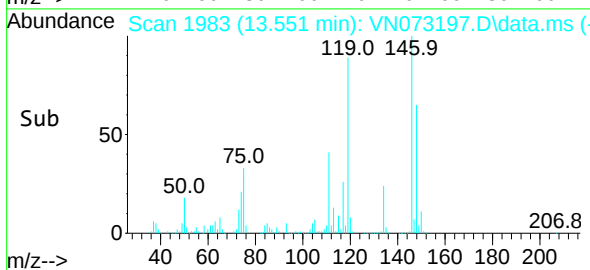
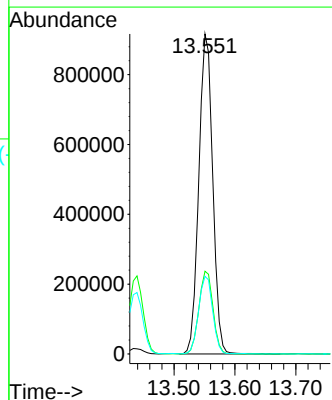
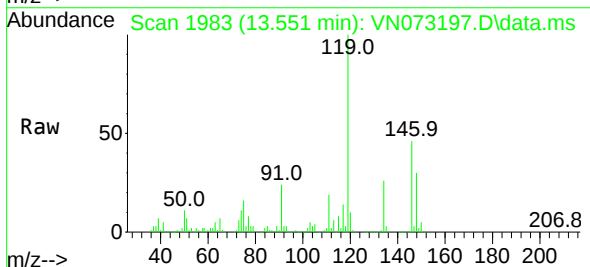
Instrument :  
 MSVOA\_N  
 ClientSampleId :

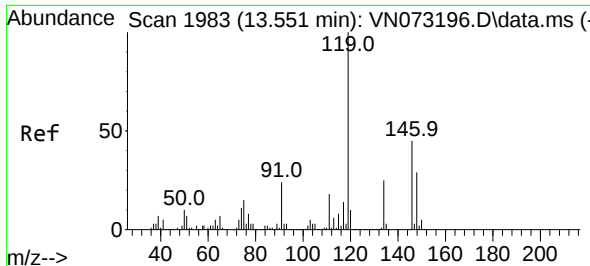
Tgt Ion:105 Resp: 1790504  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 110.675 ug/l  
 RT: 13.551 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VN073197.D  
 Acq: 28 Jun 2022 11:47

Tgt Ion:119 Resp: 1448460  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 13.3 39.8  
 91 24.5 11.3 33.9

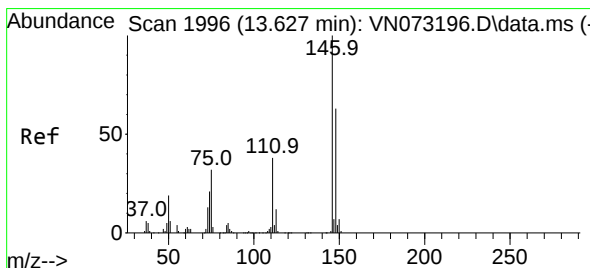
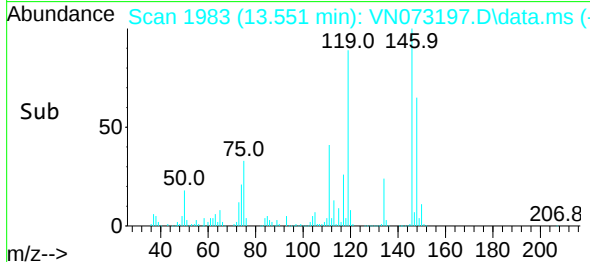
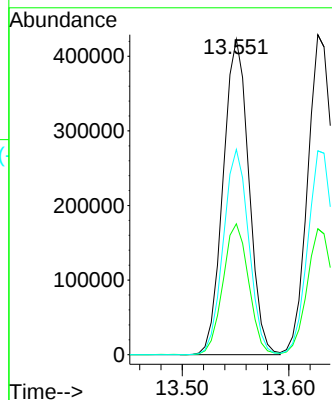
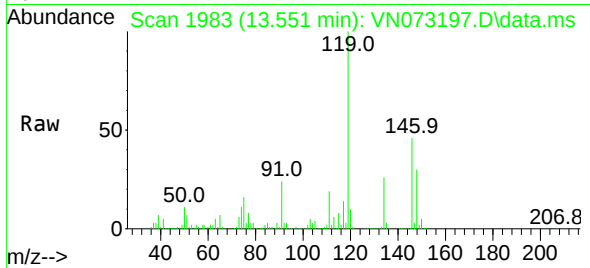




#87  
 1,3-Dichlorobenzene  
 Concen: 102.862 ug/l  
 RT: 13.551 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VN073197.D  
 Acq: 28 Jun 2022 11:47

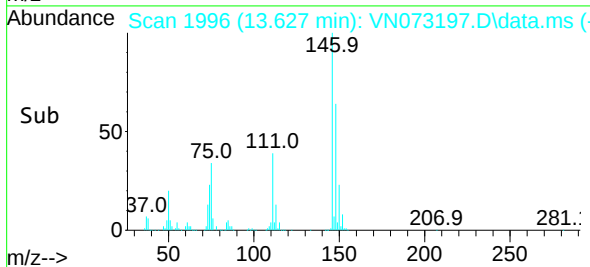
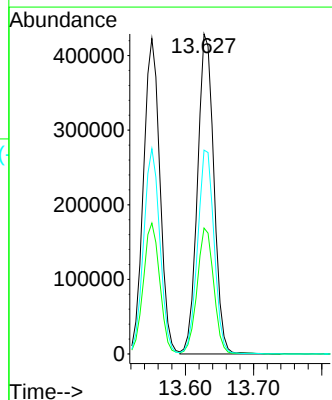
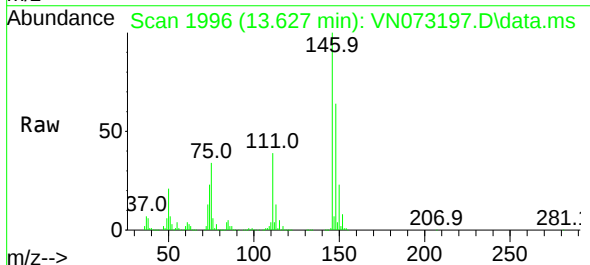
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:146 Resp: 709183  
 Ion Ratio Lower Upper  
 146 100  
 111 41.5 20.0 60.0  
 148 64.3 32.0 96.0



#88  
 1,4-Dichlorobenzene  
 Concen: 102.900 ug/l  
 RT: 13.627 min Scan# 1996  
 Delta R.T. -0.000 min  
 Lab File: VN073197.D  
 Acq: 28 Jun 2022 11:47

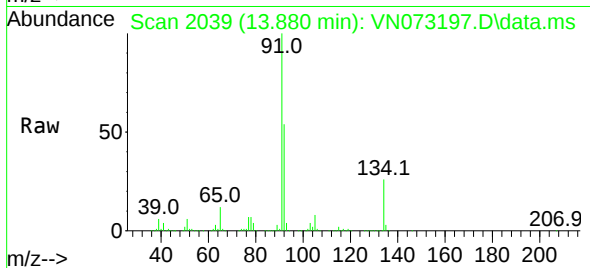
Tgt Ion:146 Resp: 715990  
 Ion Ratio Lower Upper  
 146 100  
 111 39.3 19.1 57.1  
 148 63.6 31.4 94.3



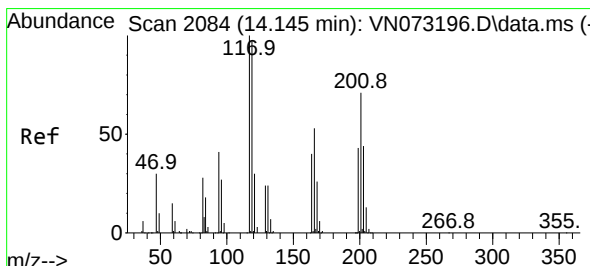
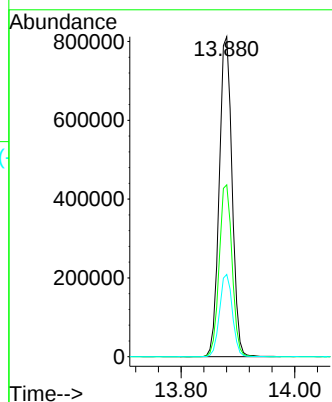
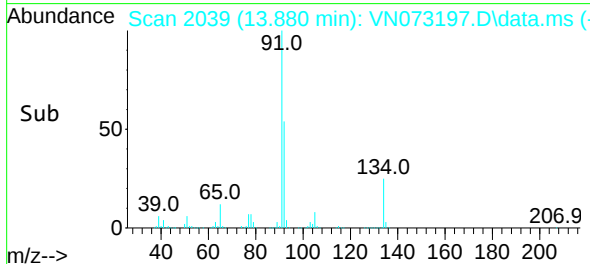


#89  
n-Butylbenzene  
Concen: 118.690 ug/l  
RT: 13.880 min Scan# 2039  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Instrument :  
MSVOA\_N  
ClientSampleId :

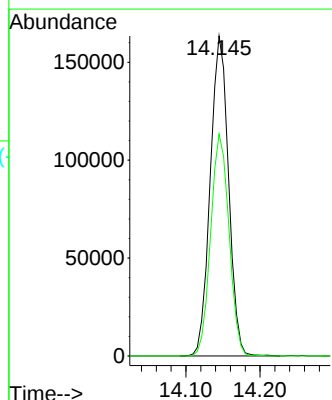
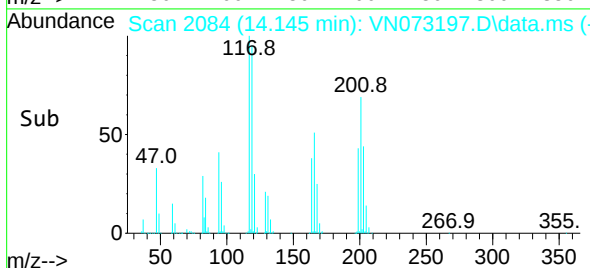
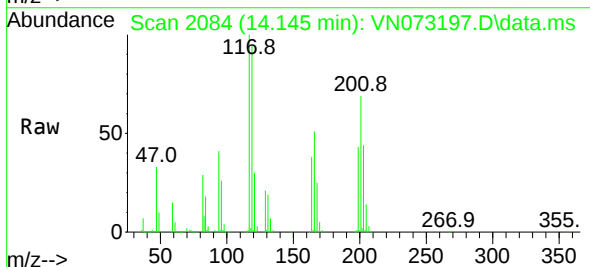


Tgt Ion: 91 Resp: 1273153  
Ion Ratio Lower Upper  
91 100  
92 54.0 26.9 80.7  
134 25.8 13.6 40.8



#90  
Hexachloroethane  
Concen: 113.391 ug/l  
RT: 14.145 min Scan# 2084  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

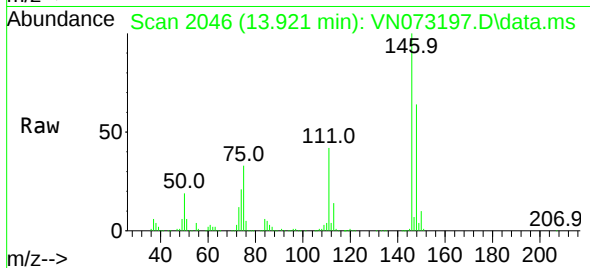
Tgt Ion: 117 Resp: 279871  
Ion Ratio Lower Upper  
117 100  
201 69.4 40.6 122.0



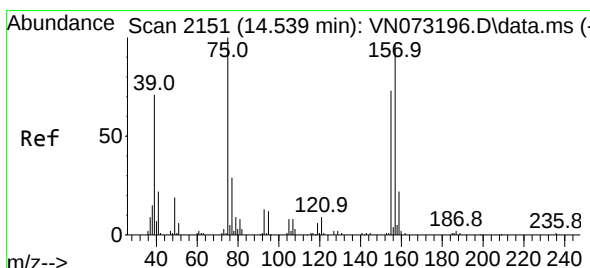
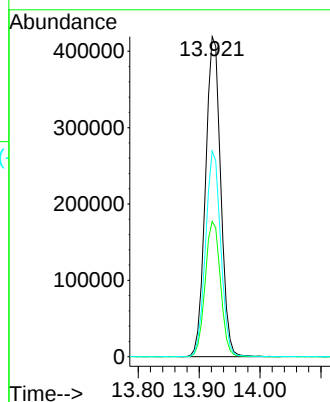
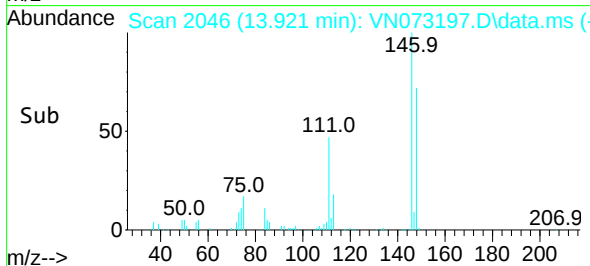


#91  
1,2-Dichlorobenzene  
Concen: 101.428 ug/l  
RT: 13.921 min Scan# 2046  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

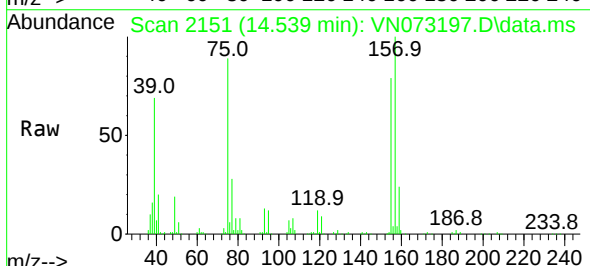
Instrument :  
MSVOA\_N  
ClientSampleId :



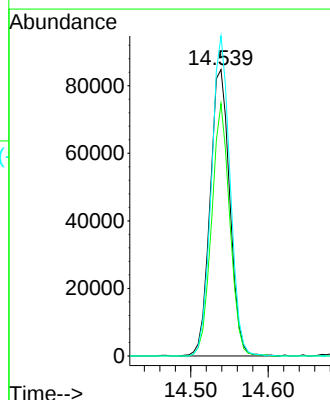
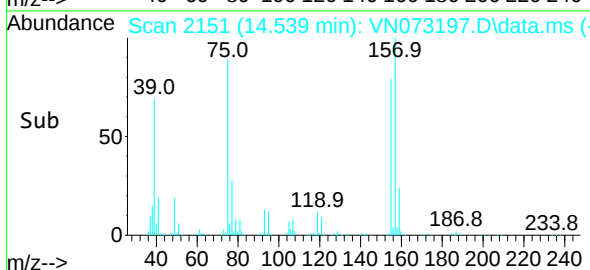
Tgt Ion:146 Resp: 726432  
Ion Ratio Lower Upper  
146 100  
111 42.7 20.9 62.8  
148 64.0 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 96.220 ug/l  
RT: 14.539 min Scan# 2151  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47



Tgt Ion: 75 Resp: 149341  
Ion Ratio Lower Upper  
75 100  
155 81.4 44.9 134.5  
157 106.2 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 108.037 ug/l

RT: 15.192 min Scan# 2262

Delta R.T. -0.000 min

Lab File: VN073197.D

Acq: 28 Jun 2022 11:47

Instrument :

MSVOA\_N

ClientSampleId :

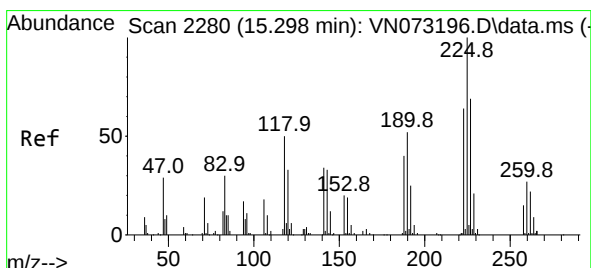
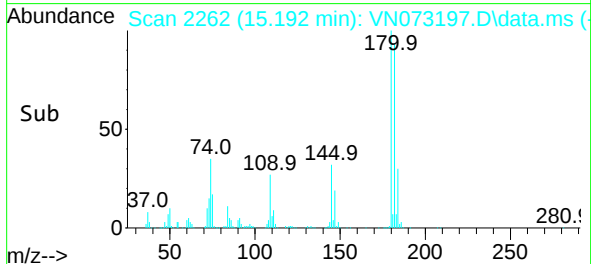
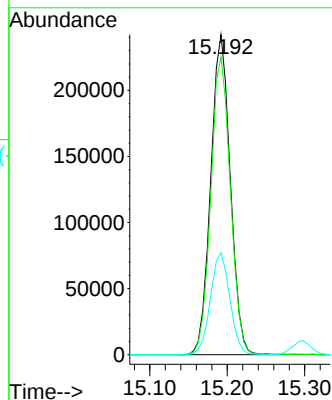
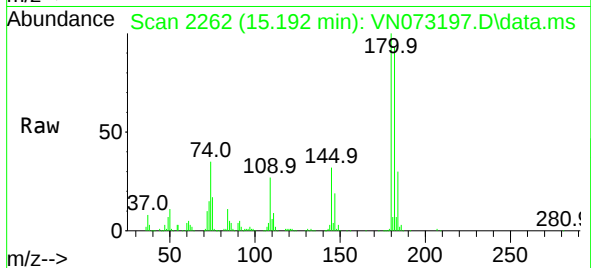
Tgt Ion:180 Resp: 425422

Ion Ratio Lower Upper

180 100

182 93.1 47.5 142.5

145 31.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 100.570 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN073197.D

Acq: 28 Jun 2022 11:47

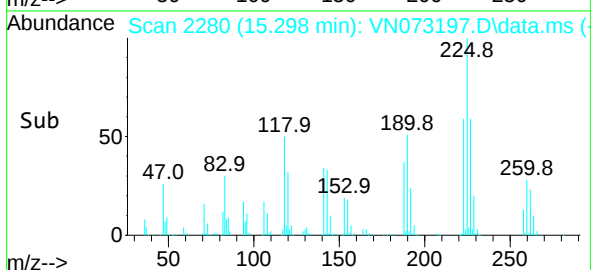
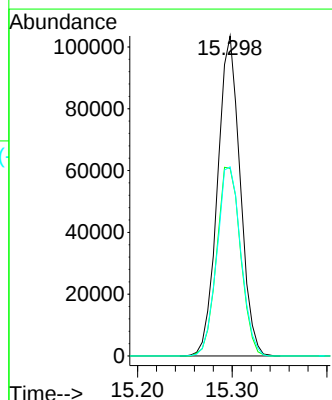
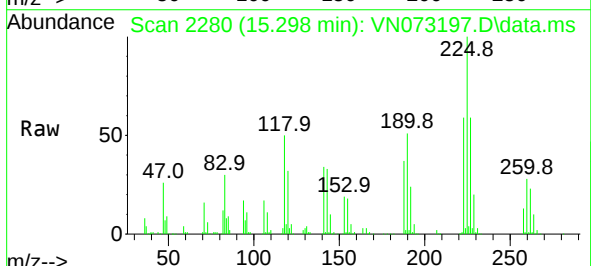
Tgt Ion:225 Resp: 171914

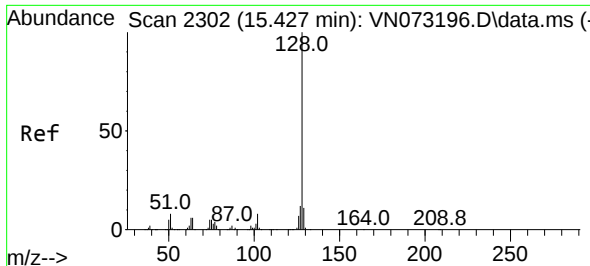
Ion Ratio Lower Upper

225 100

223 62.2 32.4 97.2

227 62.6 31.8 95.4

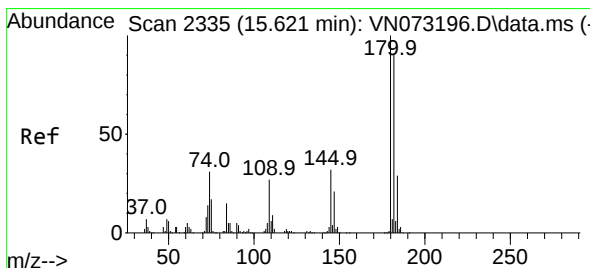
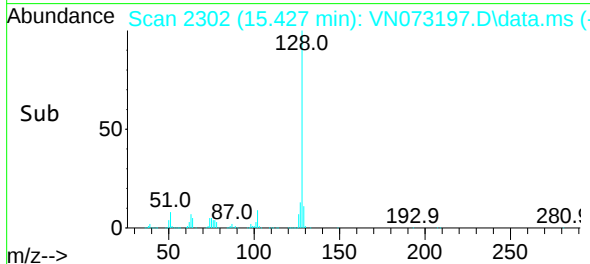
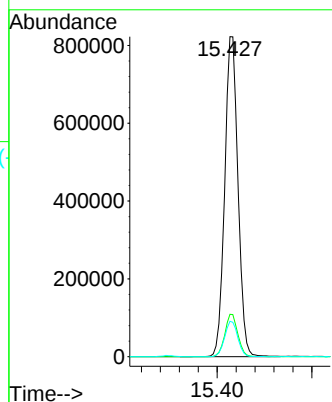
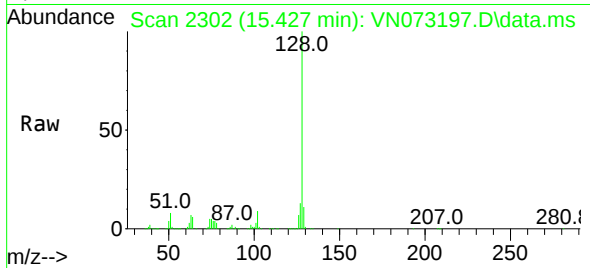




#95  
Naphthalene  
Concen: 99.948 ug/l  
RT: 15.427 min Scan# 2302  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 1598243  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.3 15.5  
129 10.9 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 99.967 ug/l  
RT: 15.621 min Scan# 2335  
Delta R.T. -0.000 min  
Lab File: VN073197.D  
Acq: 28 Jun 2022 11:47

Tgt Ion:180 Resp: 421688  
Ion Ratio Lower Upper  
180 100  
182 94.6 47.8 143.3  
145 33.5 15.5 46.5

