

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092922\  
 Data File : VN074658.D  
 Acq On : 29 Sep 2022 17:20  
 Operator : JC\MD  
 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 30 07:50:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092922W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 30 07:44:59 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.934  | 168  | 423490   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.828  | 114  | 747125   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.616 | 117  | 817189   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.551 | 152  | 542419   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.286  | 65    | 496305   | 46.761   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 93.520%  |
| 35) Dibromofluoromethane    | 7.869  | 113   | 376956   | 47.668   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 95.340%  |
| 50) Toluene-d8              | 10.310 | 98    | 1611667  | 48.452   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 96.900%  |
| 62) 4-Bromofluorobenzene    | 12.604 | 95    | 531834   | 50.423   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 100.840% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.999 | 85  | 463309  | 52.258  | ug/l   | 98  |
| 3) Chloromethane             | 2.216 | 50  | 627063  | 48.348  | ug/l   | 94  |
| 4) Vinyl Chloride            | 2.357 | 62  | 875143  | 46.467  | ug/l   | 94  |
| 5) Bromomethane              | 2.740 | 94  | 627841  | 48.259  | ug/l   | 93  |
| 6) Chloroethane              | 2.899 | 64  | 664966  | 45.946  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.240 | 101 | 609934  | 46.578  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.681 | 74  | 282224  | 51.960  | ug/l   | 84  |
| 9) 1,1,2-Trichlorotrifluo... | 4.051 | 101 | 375860  | 48.166  | ug/l   | 86  |
| 10) Methyl Iodide            | 4.251 | 142 | 429383  | 46.307  | ug/l   | 94  |
| 11) Tert butyl alcohol       | 5.163 | 59  | 639619  | 225.655 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 4.022 | 96  | 359665  | 45.473  | ug/l   | 94  |
| 13) Acrolein                 | 3.893 | 56  | 232310  | 200.311 | ug/l   | 98  |
| 14) Allyl chloride           | 4.651 | 41  | 813456  | 47.613  | ug/l   | 96  |
| 15) Acrylonitrile            | 5.357 | 53  | 1635834 | 244.578 | ug/l   | 99  |
| 16) Acetone                  | 4.116 | 43  | 1504940 | 298.159 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.363 | 76  | 1093011 | 47.352  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.663 | 43  | 901759  | 45.986  | ug/l   | 91  |
| 19) Methyl tert-butyl Ether  | 5.416 | 73  | 1457535 | 48.283  | ug/l   | 92  |
| 20) Methylene Chloride       | 4.898 | 84  | 456663  | 50.488  | ug/l # | 87  |
| 21) trans-1,2-Dichloroethene | 5.404 | 96  | 396247  | 45.859  | ug/l   | 93  |
| 22) Diisopropyl ether        | 6.298 | 45  | 1699925 | 48.911  | ug/l # | 92  |
| 23) Vinyl Acetate            | 6.239 | 43  | 7540881 | 246.860 | ug/l # | 93  |
| 24) 1,1-Dichloroethane       | 6.192 | 63  | 854648  | 48.189  | ug/l   | 99  |
| 25) 2-Butanone               | 7.157 | 43  | 2357359 | 241.303 | ug/l   | 91  |
| 26) 2,2-Dichloropropane      | 7.151 | 77  | 721036  | 47.806  | ug/l   | 96  |
| 27) cis-1,2-Dichloroethene   | 7.151 | 96  | 471121  | 44.577  | ug/l   | 91  |
| 28) Bromochloromethane       | 7.492 | 49  | 428688  | 53.070  | ug/l # | 69  |
| 29) Tetrahydrofuran          | 7.516 | 42  | 1566228 | 242.981 | ug/l   | 87  |
| 30) Chloroform               | 7.657 | 83  | 809800  | 49.546  | ug/l   | 98  |
| 31) Cyclohexane              | 7.934 | 56  | 817057  | 47.384  | ug/l   | 92  |
| 32) 1,1,1-Trichloroethane    | 7.851 | 97  | 690111  | 48.114  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.063 | 75  | 625324  | 49.376  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.239 | 43  | 946898  | 50.603  | ug/l # | 94  |
| 38) Carbon Tetrachloride     | 8.045 | 117 | 594530  | 51.242  | ug/l   | 94  |
| 39) Methylcyclohexane        | 9.322 | 83  | 831526  | 52.592  | ug/l   | 98  |
| 40) Benzene                  | 8.310 | 78  | 1952446 | 50.018  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092922\  
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 Acq On : 29 Sep 2022 17:20  
 Operator : JC\MD  
 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 30 07:50:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092922W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 30 07:44:59 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.516  | 41   | 1339766  | 163.453  | ug/l # | 29       |
| 42) 1,2-Dichloroethane        | 8.381  | 62   | 651560   | 49.686   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.416  | 43   | 1496185  | 49.934   | ug/l # | 92       |
| 44) Trichloroethene           | 9.075  | 130  | 416225   | 51.181   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.351  | 63   | 522681   | 49.186   | ug/l   | 99       |
| 46) Dibromomethane            | 9.439  | 93   | 322897   | 48.208   | ug/l # | 83       |
| 47) Bromodichloromethane      | 9.627  | 83   | 652140   | 49.817   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.428  | 41   | 654157   | 52.979   | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.428  | 88   | 238180   | 1011.278 | ug/l # | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.204 | 43   | 4822739  | 254.364  | ug/l   | 90       |
| 52) Toluene                   | 10.375 | 92   | 1221321  | 51.818   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.592 | 75   | 804445   | 54.212   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.057 | 75   | 827285   | 50.602   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.769 | 97   | 463258   | 48.771   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.639 | 69   | 869505   | 53.066   | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 10.922 | 76   | 858775   | 51.085   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.910  | 63   | 1530252  | 228.751  | ug/l # | 89       |
| 59) 2-Hexanone                | 10.963 | 43   | 3751342  | 261.804  | ug/l   | 89       |
| 60) Dibromochloromethane      | 11.116 | 129  | 492533   | 53.898   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.216 | 107  | 489502   | 52.590   | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.845 | 164  | 337450   | 48.844   | ug/l   | 93       |
| 65) Chlorobenzene             | 11.645 | 112  | 1224070  | 50.062   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.716 | 131  | 444294   | 50.931   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.716 | 91   | 2366265  | 51.723   | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.827 | 106  | 1831947  | 105.748  | ug/l   | 95       |
| 69) o-Xylene                  | 12.157 | 106  | 893878   | 51.332   | ug/l   | 97       |
| 70) Styrene                   | 12.169 | 104  | 1489813  | 53.644   | ug/l   | 98       |
| 71) Bromoform                 | 12.333 | 173  | 367049   | 52.475   | ug/l   | 97       |
| 73) Isopropylbenzene          | 12.457 | 105  | 2360712  | 46.460   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.269 | 43   | 1385920  | 52.138   | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 12.704 | 83   | 826813   | 51.058   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.757 | 75   | 1084292  | 91.859   | ug/l # | 1        |
| 77) Bromobenzene              | 12.733 | 156  | 476643   | 50.965   | ug/l   | 80       |
| 78) n-propylbenzene           | 12.798 | 91   | 2852843  | 48.675   | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.880 | 91   | 1602210  | 45.491   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.933 | 105  | 2024242  | 49.924   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.504 | 75   | 307598   | 47.390   | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.980 | 91   | 1632432  | 49.804   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.198 | 119  | 1710240  | 47.228   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 2026074  | 50.036   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.374 | 105  | 2575094  | 50.603   | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.492 | 119  | 2095264  | 51.972   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.486 | 146  | 976014   | 49.415   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.568 | 146  | 995064   | 49.293   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.815 | 91   | 1889801  | 53.132   | ug/l   | 96       |
| 90) Hexachloroethane          | 14.086 | 117  | 395712   | 45.615   | ug/l   | 77       |
| 91) 1,2-Dichlorobenzene       | 13.863 | 146  | 984547   | 47.767   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.474 | 75   | 177652   | 45.606   | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 15.127 | 180  | 496876   | 53.960   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.233 | 225  | 211217   | 55.061   | ug/l   | 96       |
| 95) Naphthalene               | 15.362 | 128  | 1890635  | 52.476   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.557 | 180  | 472042   | 51.494   | ug/l   | 98       |

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Data File : VN074658.D  
Acq On : 29 Sep 2022 17:20  
Operator : JC\MD  
Sample : VSTDICV050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 10 Sample Multiplier: 1

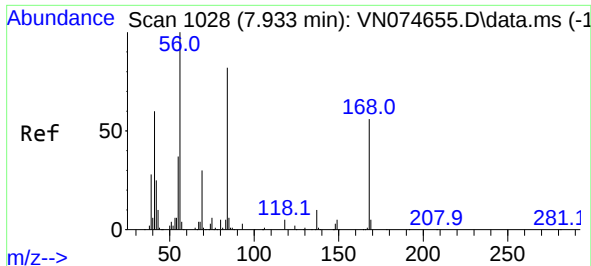
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Sep 30 07:50:38 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092922W.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 30 07:44:59 2022  
Response via : Initial Calibration

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

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

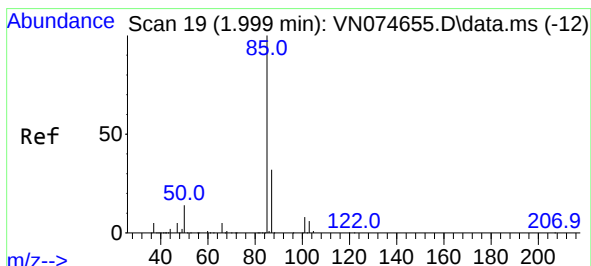
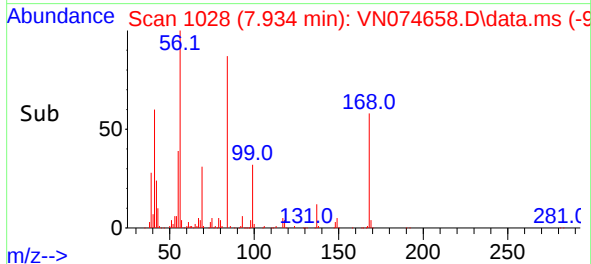
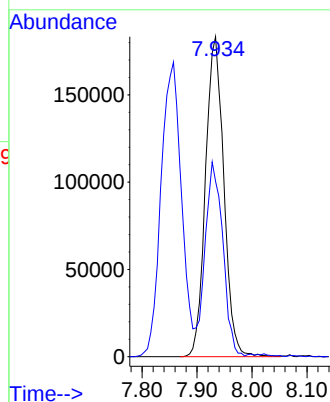
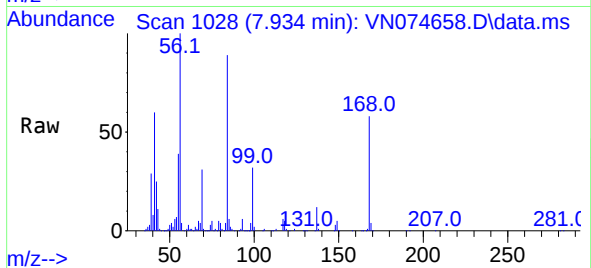




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.934 min Scan# 1028  
Delta R.T. 0.001 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

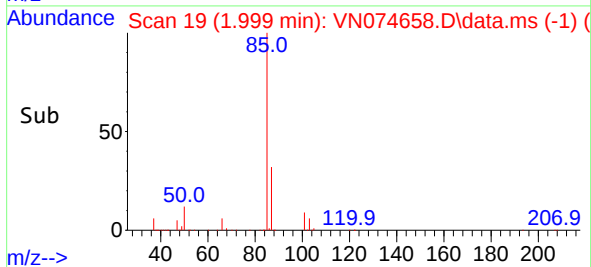
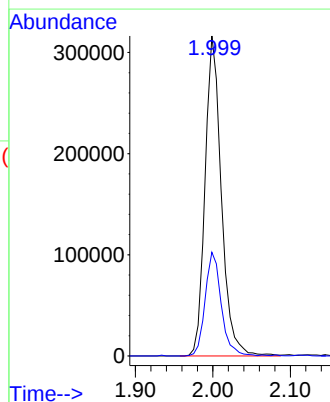
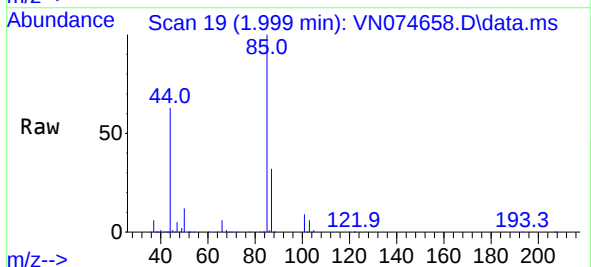
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ClientSampleId :

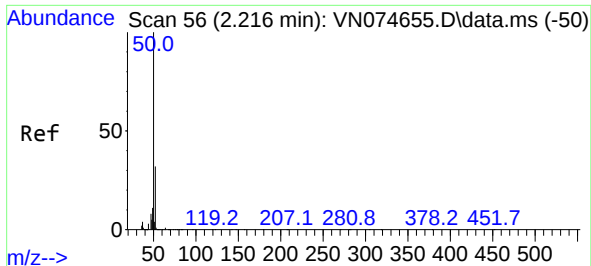
Tgt Ion:168 Resp: 423490  
Ion Ratio Lower Upper  
168 100  
99 54.4 42.3 63.5



#2  
Dichlorodifluoromethane  
Concen: 52.258 ug/l  
RT: 1.999 min Scan# 19  
Delta R.T. -0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion: 85 Resp: 463309  
Ion Ratio Lower Upper  
85 100  
87 32.4 15.7 47.1

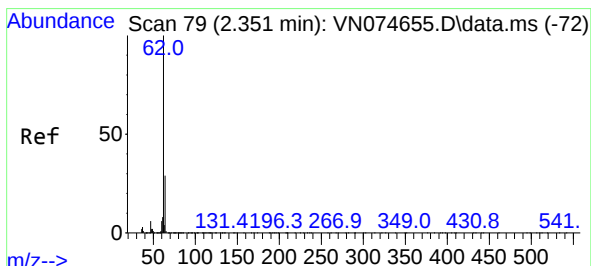
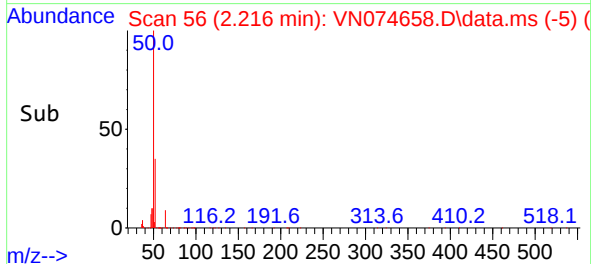
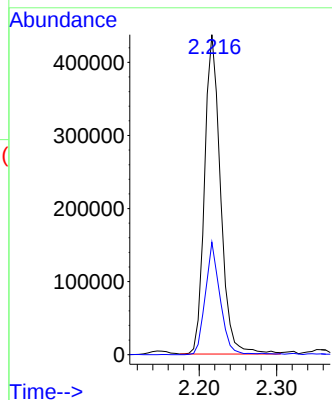
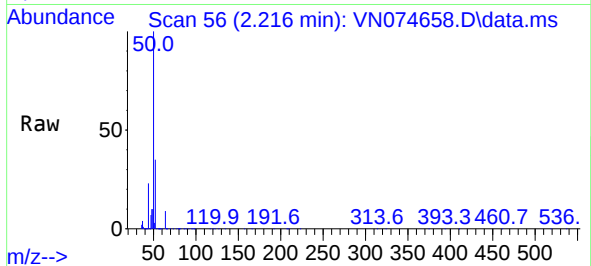




#3  
Chloromethane  
Concen: 48.348 ug/l  
RT: 2.216 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

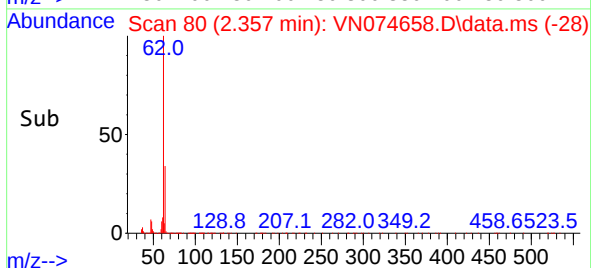
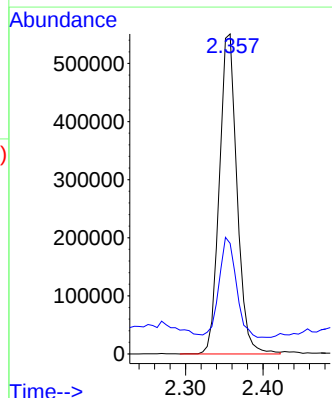
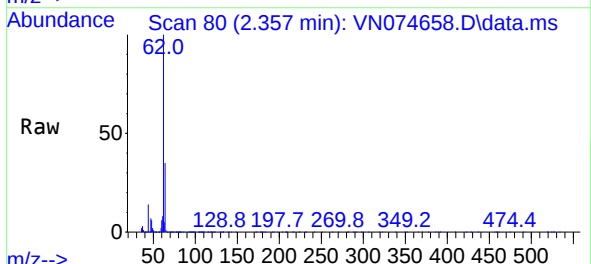
Instrument :  
MSVOA\_N  
ClientSampleId :

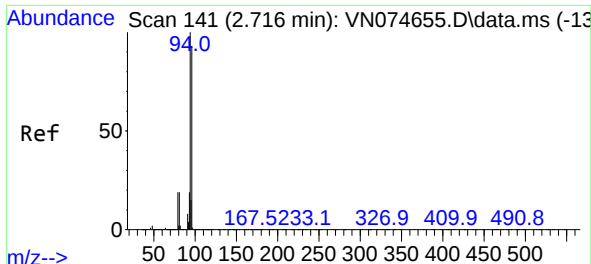
Tgt Ion: 50 Resp: 627063  
Ion Ratio Lower Upper  
50 100  
52 35.2 25.7 38.5



#4  
Vinyl Chloride  
Concen: 46.467 ug/l  
RT: 2.357 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion: 62 Resp: 875143  
Ion Ratio Lower Upper  
62 100  
64 28.1 25.0 37.4

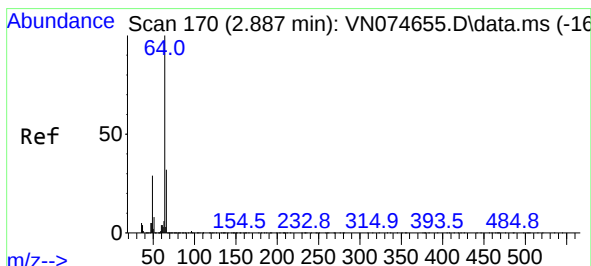
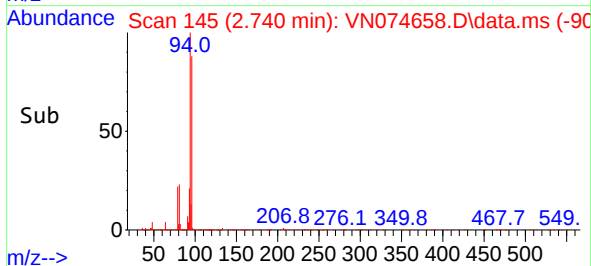
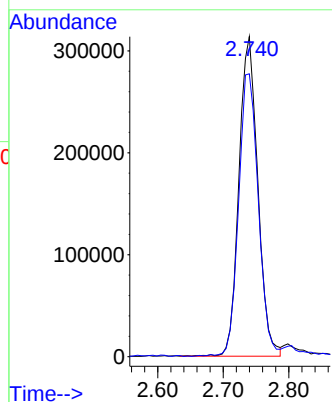
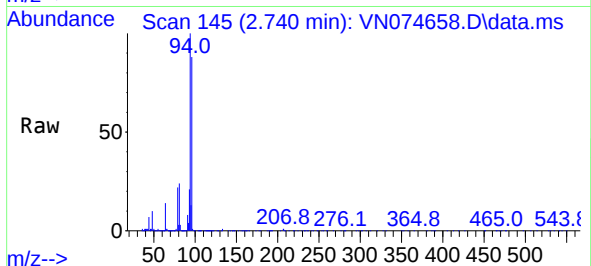




#5  
Bromomethane  
Concen: 48.259 ug/l  
RT: 2.740 min Scan# 141  
Delta R.T. 0.024 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

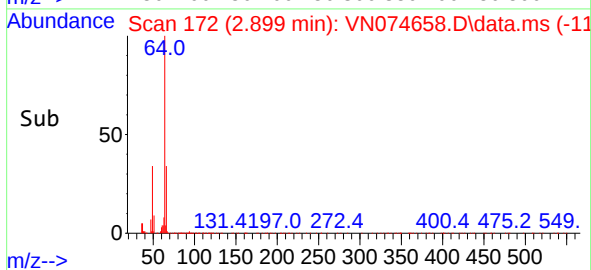
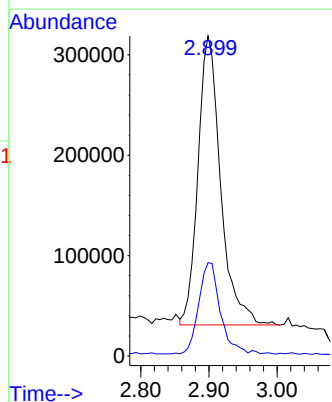
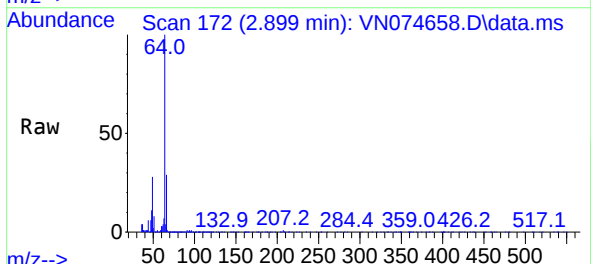
Instrument :  
MSVOA\_N  
ClientSampleId :

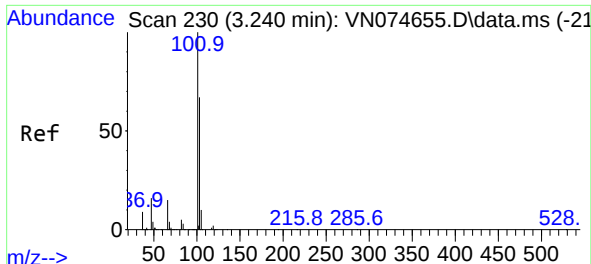
Tgt Ion: 94 Resp: 627841  
Ion Ratio Lower Upper  
94 100  
96 88.2 76.0 114.0



#6  
Chloroethane  
Concen: 45.946 ug/l  
RT: 2.899 min Scan# 172  
Delta R.T. 0.012 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

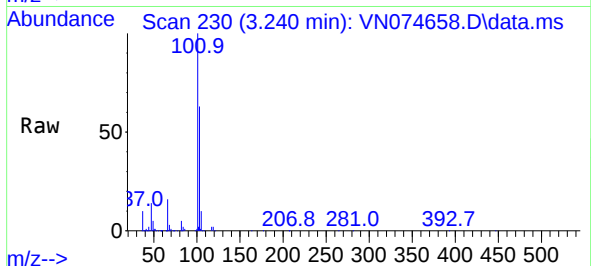
Tgt Ion: 64 Resp: 664966  
Ion Ratio Lower Upper  
64 100  
66 31.5 26.2 39.4



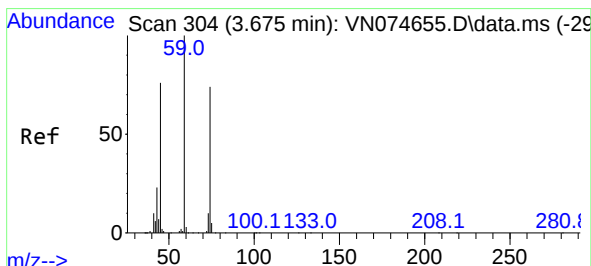
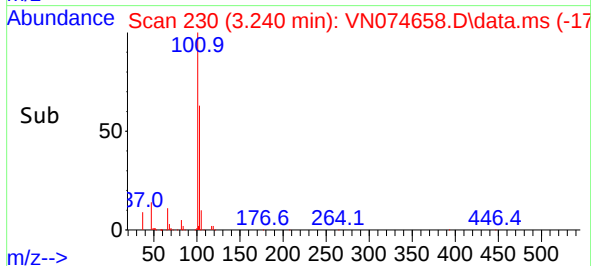
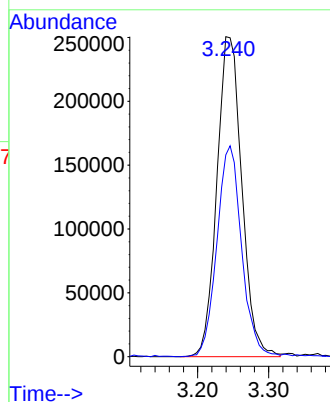


#7  
 Trichlorofluoromethane  
 Concen: 46.578 ug/l  
 RT: 3.240 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN074658.D  
 Acq: 29 Sep 2022 17:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :

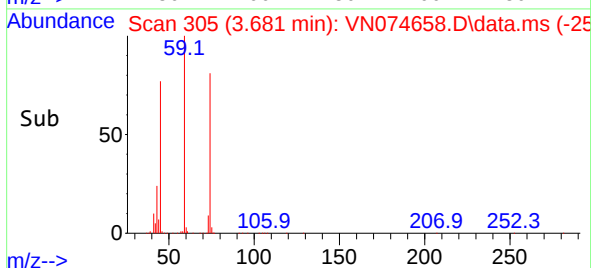
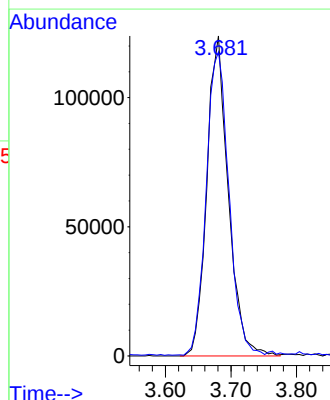
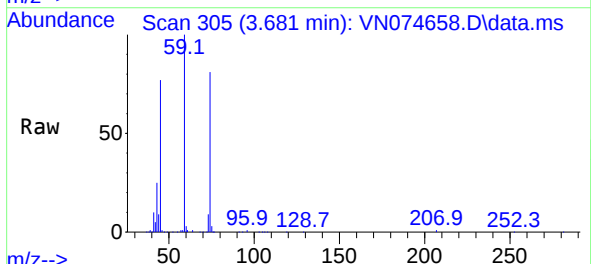


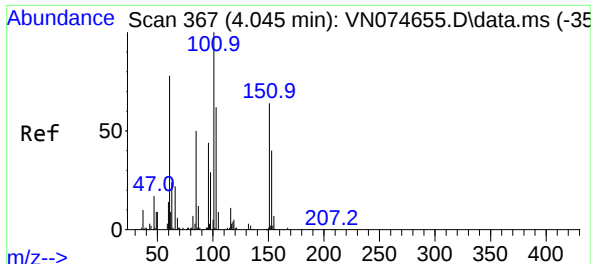
Tgt Ion:101 Resp: 609934  
 Ion Ratio Lower Upper  
 101 100  
 103 63.1 51.5 77.3



#8  
 Diethyl Ether  
 Concen: 51.960 ug/l  
 RT: 3.681 min Scan# 305  
 Delta R.T. 0.006 min  
 Lab File: VN074658.D  
 Acq: 29 Sep 2022 17:20

Tgt Ion: 74 Resp: 282224  
 Ion Ratio Lower Upper  
 74 100  
 45 99.9 42.9 128.5

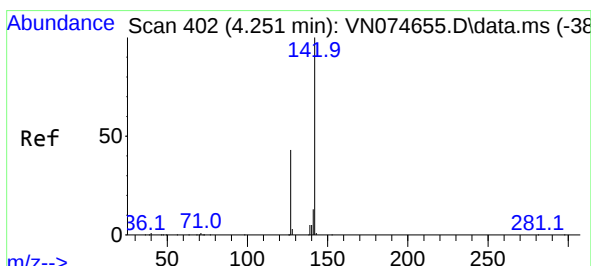
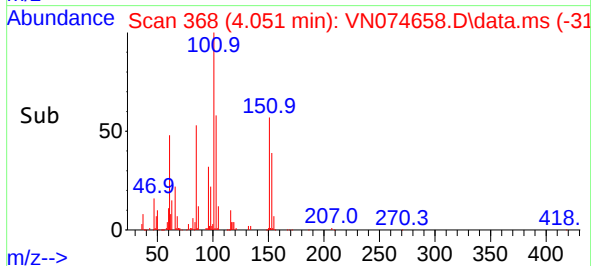
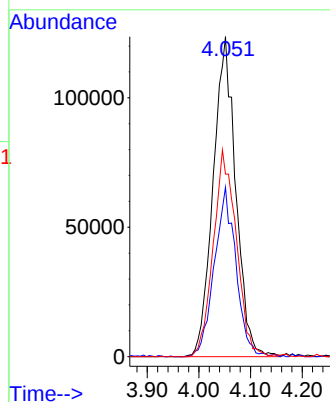
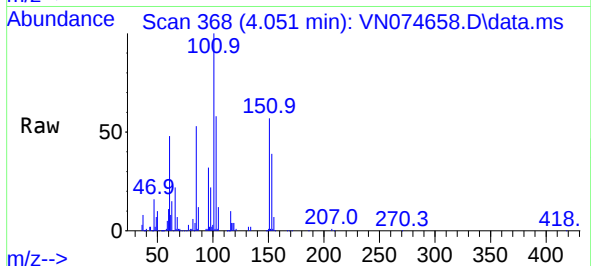




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.166 ug/l  
RT: 4.051 min Scan# 367  
Delta R.T. 0.006 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

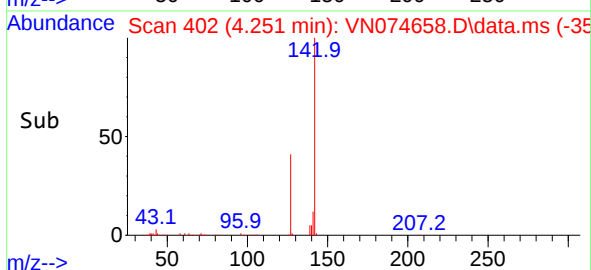
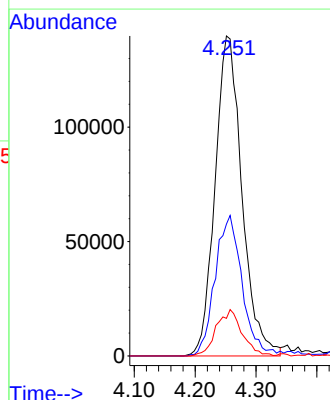
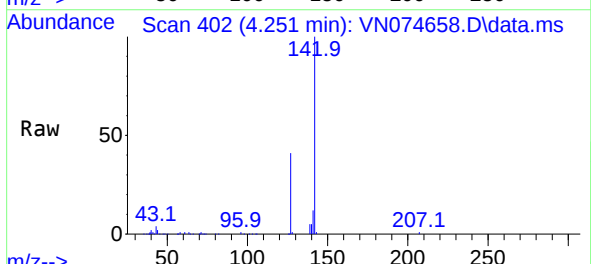
Instrument :  
MSVOA\_N  
ClientSampleId :

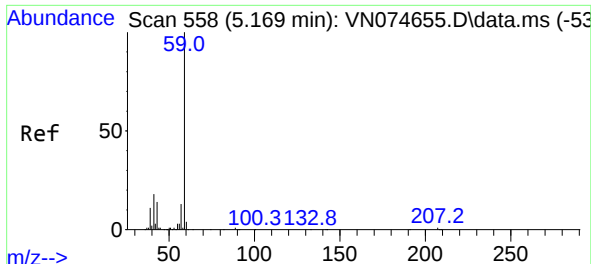
Tgt Ion:101 Resp: 375860  
Ion Ratio Lower Upper  
101 100  
85 50.7 34.7 52.1  
151 65.8 63.0 94.4



#10  
Methyl Iodide  
Concen: 46.307 ug/l  
RT: 4.251 min Scan# 402  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion:142 Resp: 429383  
Ion Ratio Lower Upper  
142 100  
127 44.3 31.3 46.9  
141 13.9 11.2 16.8

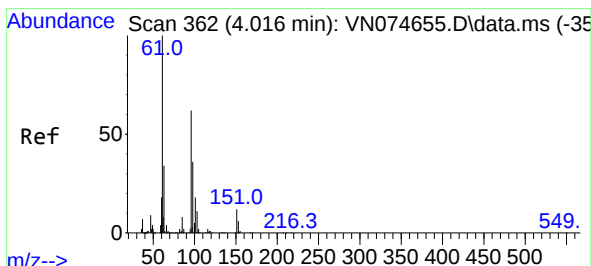
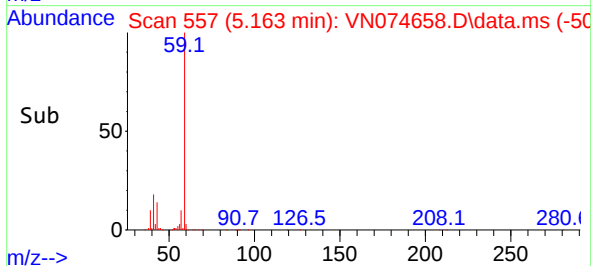
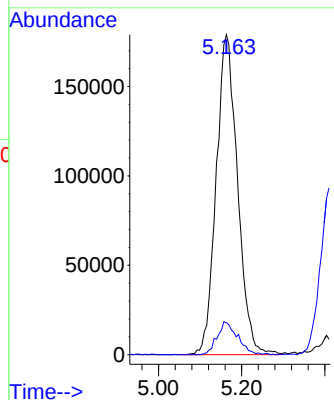
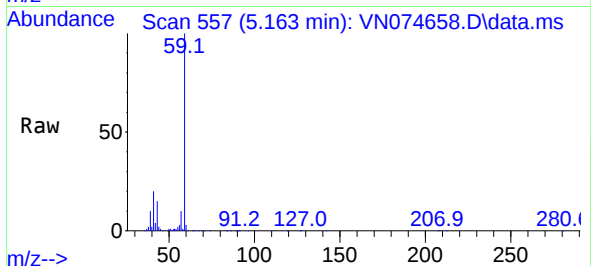




#11  
Tert butyl alcohol  
Concen: 225.655 ug/l  
RT: 5.163 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

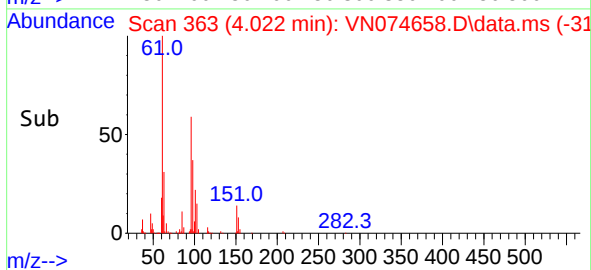
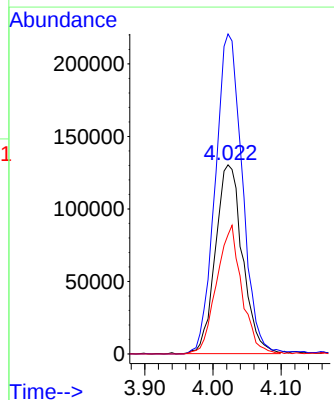
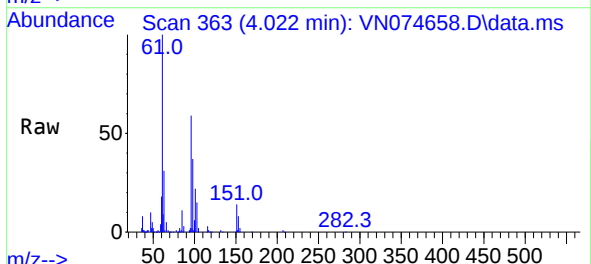
Instrument :  
MSVOA\_N  
ClientSampleId :

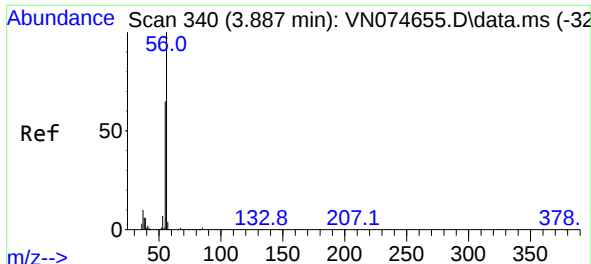
Tgt Ion: 59 Resp: 639619  
Ion Ratio Lower Upper  
59 100  
57 9.8 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 45.473 ug/l  
RT: 4.022 min Scan# 363  
Delta R.T. 0.006 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

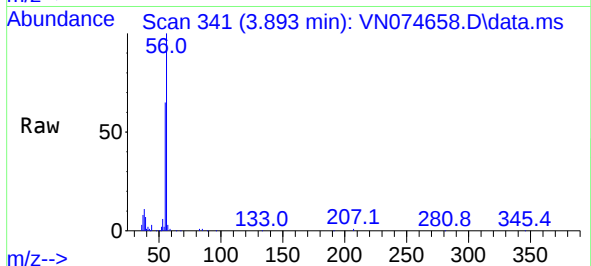
Tgt Ion: 96 Resp: 359665  
Ion Ratio Lower Upper  
96 100  
61 169.5 127.6 191.4  
98 63.1 51.2 76.8



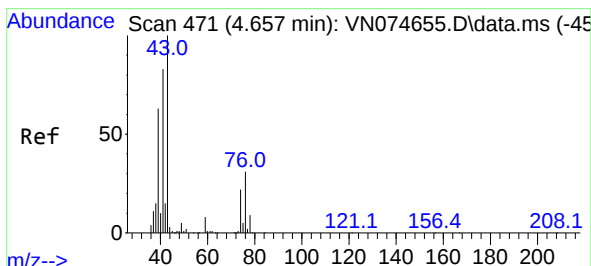
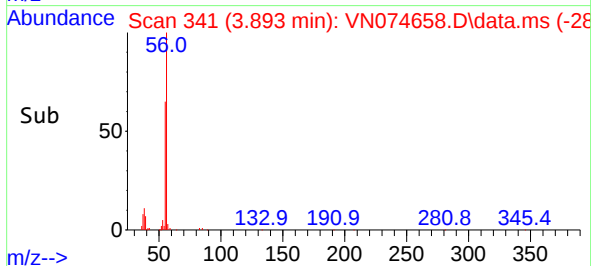
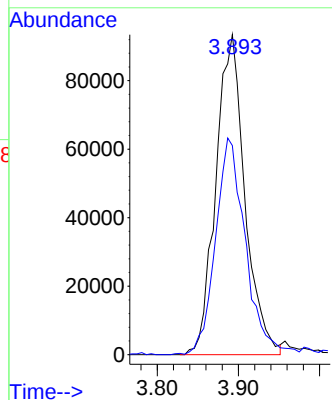


#13  
Acrolein  
Concen: 200.311 ug/l  
RT: 3.893 min Scan# 34  
Delta R.T. 0.006 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Instrument :  
MSVOA\_N  
ClientSampleId :

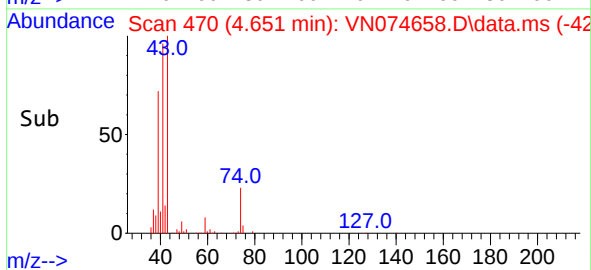
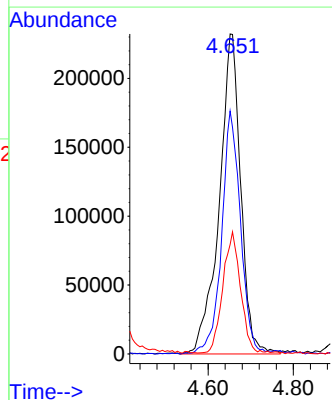
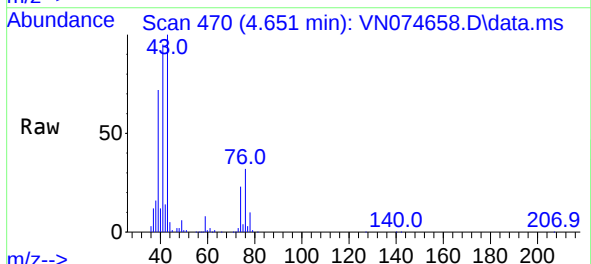


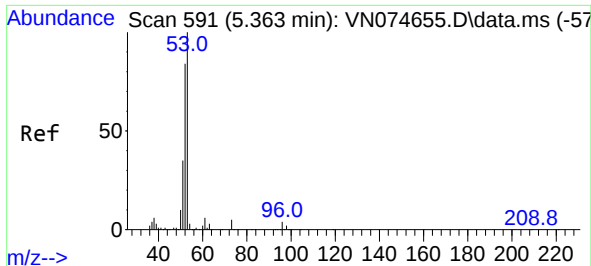
Tgt Ion: 56 Resp: 232310  
Ion Ratio Lower Upper  
56 100  
55 70.0 54.8 82.2



#14  
Allyl chloride  
Concen: 47.613 ug/l  
RT: 4.651 min Scan# 470  
Delta R.T. -0.006 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

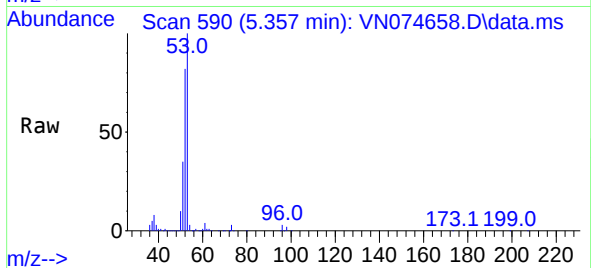
Tgt Ion: 41 Resp: 813456  
Ion Ratio Lower Upper  
41 100  
39 66.6 53.2 79.8  
76 31.0 29.9 44.9





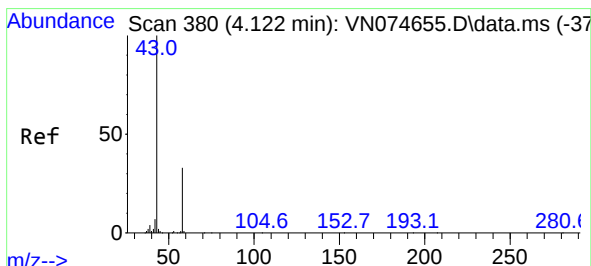
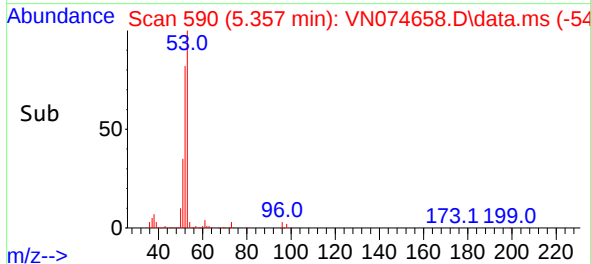
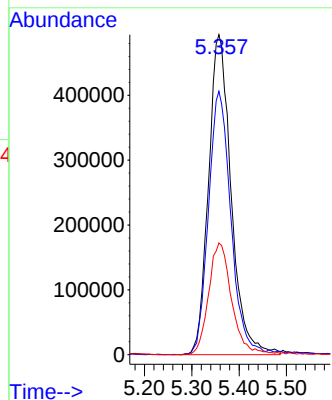
#15  
Acrylonitrile  
Concen: 244.578 ug/l  
RT: 5.357 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 53 Resp: 1635834

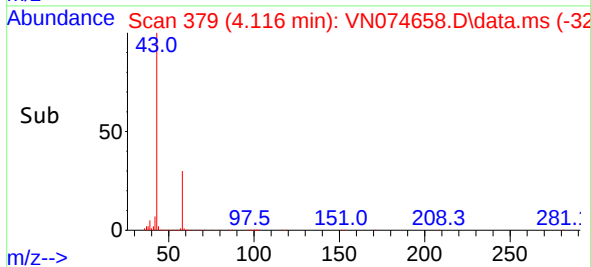
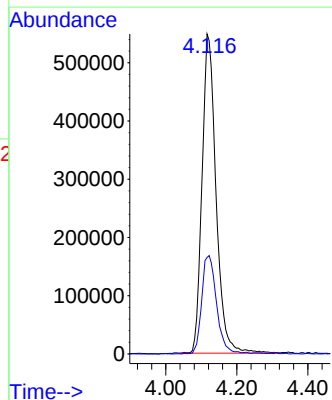
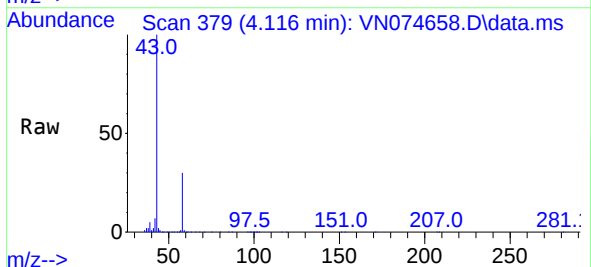
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 81.4  | 66.4  | 99.6  |
| 51  | 35.3  | 28.5  | 42.7  |

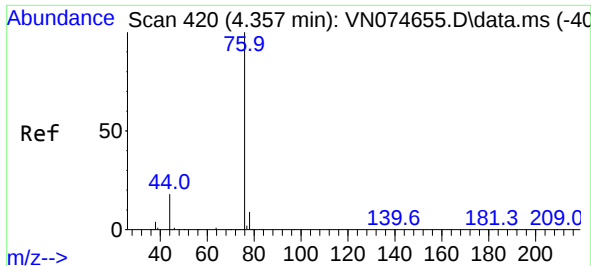


#16  
Acetone  
Concen: 298.159 ug/l  
RT: 4.116 min Scan# 379  
Delta R.T. -0.006 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion: 43 Resp: 1504940

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 30.2  | 26.0  | 39.0  |

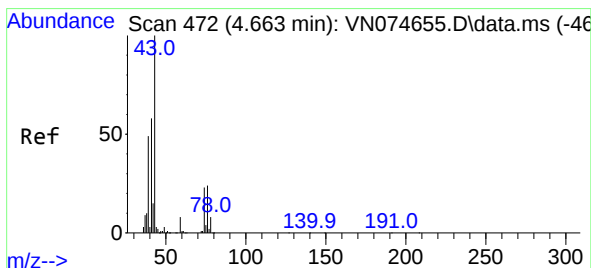
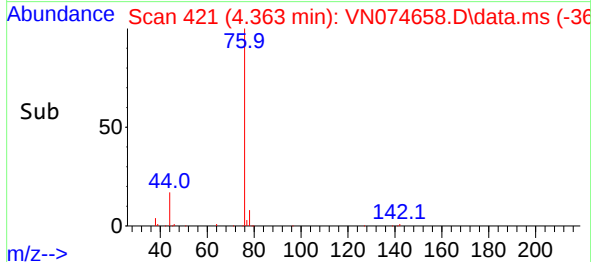
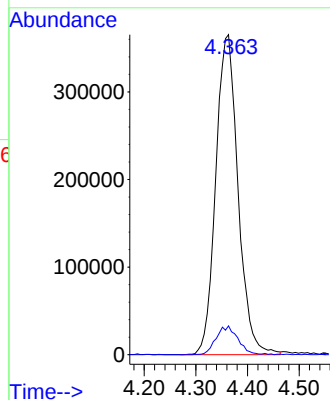
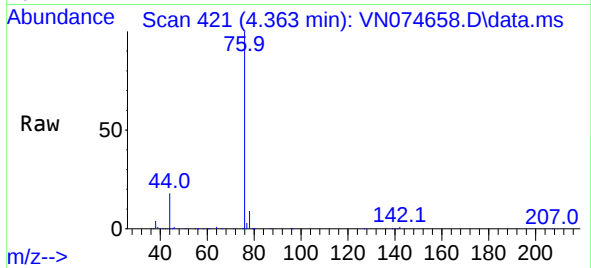




#17  
Carbon Disulfide  
Concen: 47.352 ug/l  
RT: 4.363 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

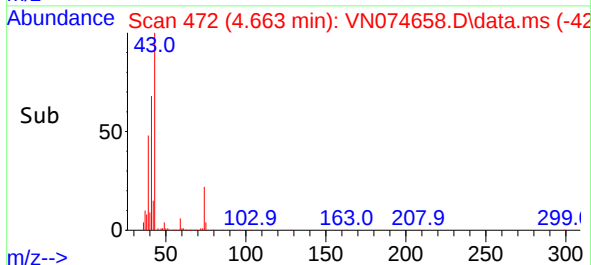
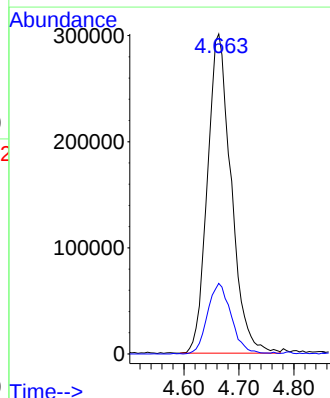
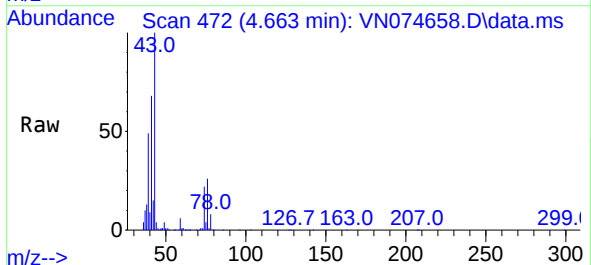
Instrument :  
MSVOA\_N  
ClientSampleId :

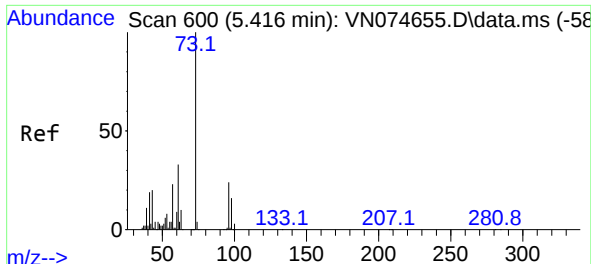
Tgt Ion: 76 Resp: 1093011  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.2 10.8



#18  
Methyl Acetate  
Concen: 45.986 ug/l  
RT: 4.663 min Scan# 472  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion: 43 Resp: 901759  
Ion Ratio Lower Upper  
43 100  
74 22.1 21.6 32.4

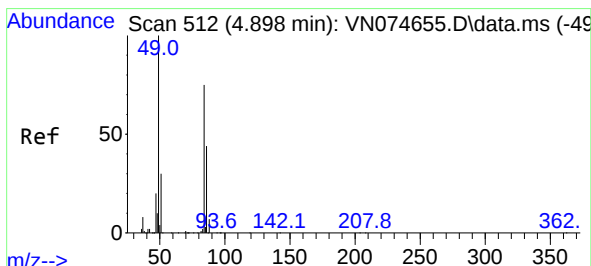
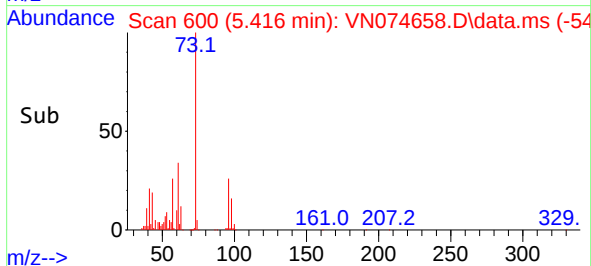
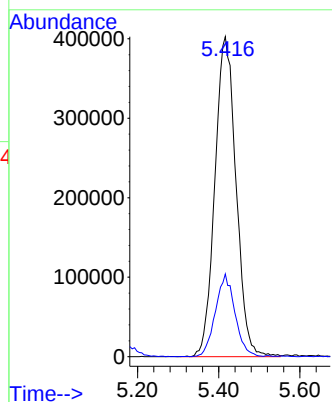
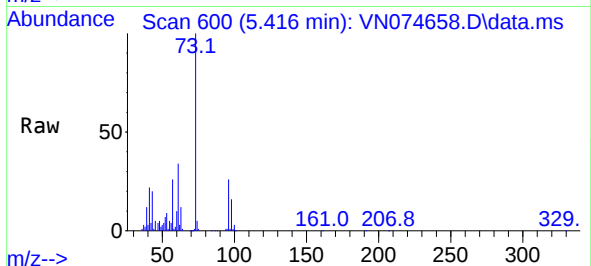




#19  
Methyl tert-butyl Ether  
Concen: 48.283 ug/l  
RT: 5.416 min Scan# 600  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

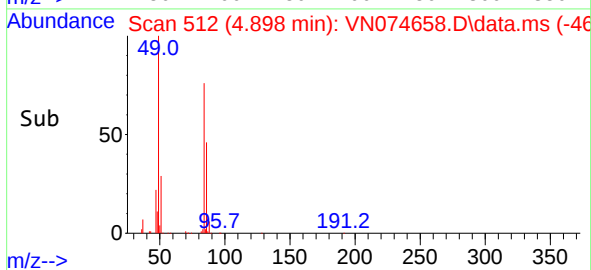
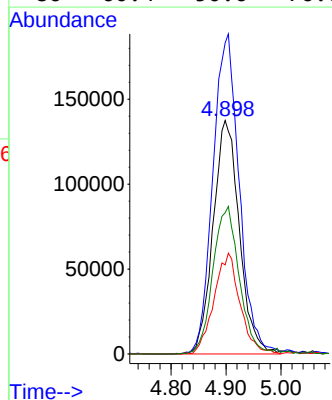
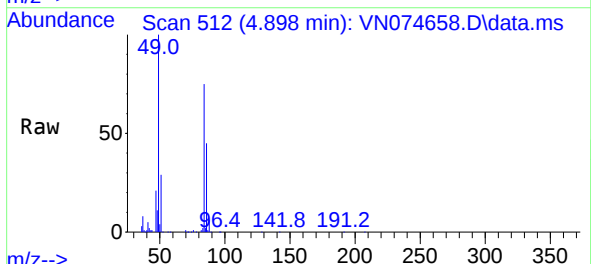
Instrument :  
MSVOA\_N  
ClientSampleId :

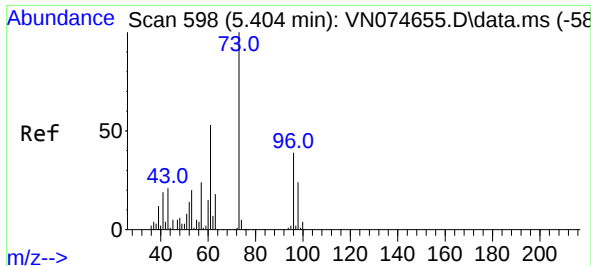
Tgt Ion: 73 Resp: 1457535  
Ion Ratio Lower Upper  
73 100  
57 25.8 17.6 26.4



#20  
Methylene Chloride  
Concen: 50.488 ug/l  
RT: 4.898 min Scan# 512  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion: 84 Resp: 456663  
Ion Ratio Lower Upper  
84 100  
49 133.1 88.3 132.5#  
51 38.2 28.2 42.2  
86 60.4 50.6 76.0

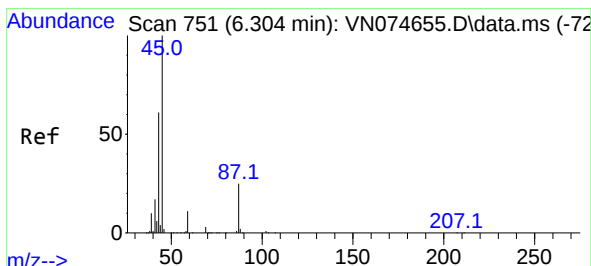
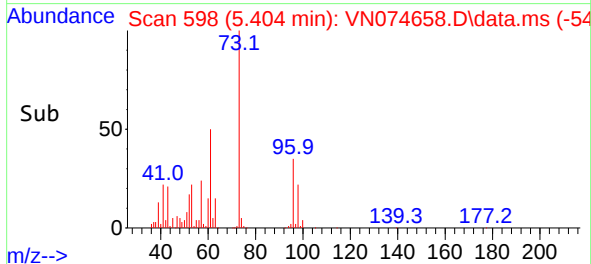
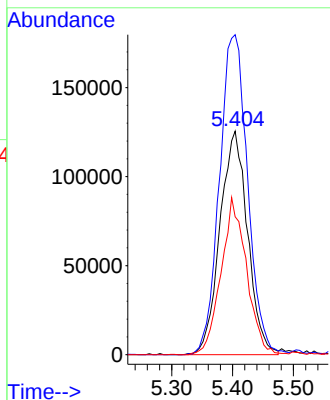
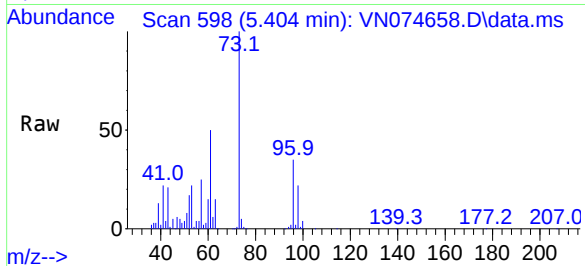




#21  
trans-1,2-Dichloroethene  
Concen: 45.859 ug/l  
RT: 5.404 min Scan# 598  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

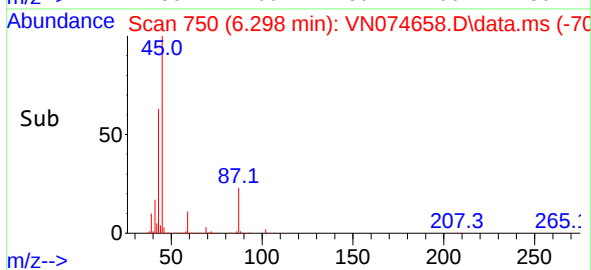
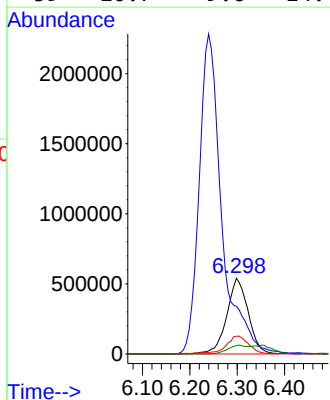
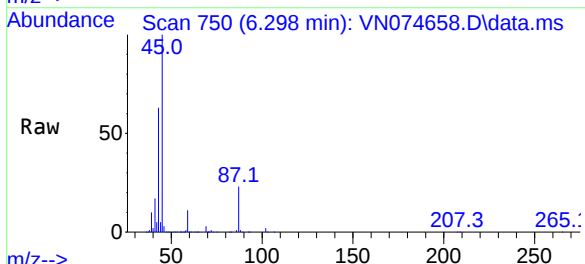
Instrument :  
MSVOA\_N  
ClientSampleId :

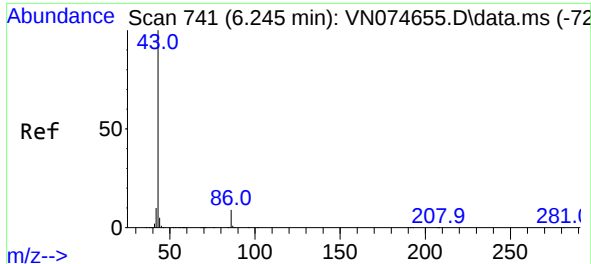
Tgt Ion: 96 Resp: 396247  
Ion Ratio Lower Upper  
96 100  
61 143.2 105.8 158.8  
98 61.8 50.3 75.5



#22  
Diisopropyl ether  
Concen: 48.911 ug/l  
RT: 6.298 min Scan# 750  
Delta R.T. -0.006 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion: 45 Resp: 1699925  
Ion Ratio Lower Upper  
45 100  
43 62.4 46.6 70.0  
87 23.3 24.3 36.5  
59 10.7 9.6 14.4





#23

Vinyl Acetate

Concen: 246.860 ug/l

RT: 6.239 min Scan# 741

Delta R.T. -0.006 min

Lab File: VN074658.D

Acq: 29 Sep 2022 17:20

Instrument :

MSVOA\_N

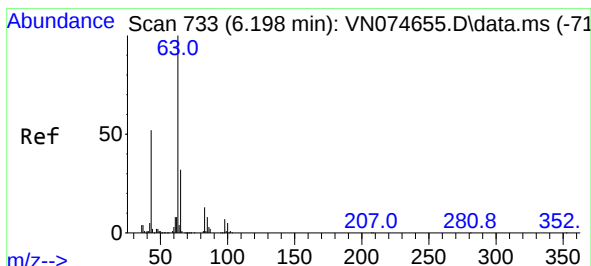
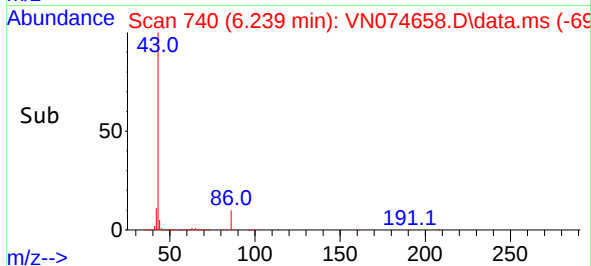
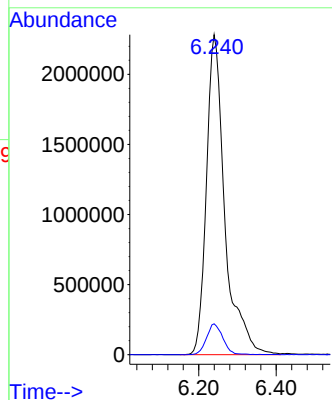
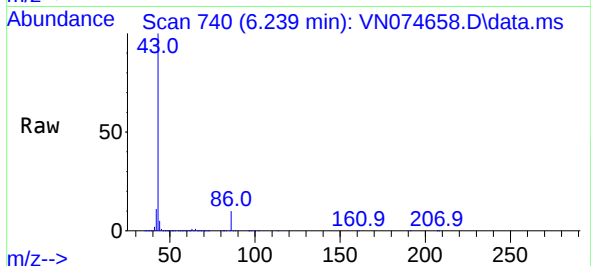
ClientSampleId :

Tgt Ion: 43 Resp: 7540881

Ion Ratio Lower Upper

43 100

86 9.7 10.0 15.0#



#24

1,1-Dichloroethane

Concen: 48.189 ug/l

RT: 6.192 min Scan# 732

Delta R.T. -0.006 min

Lab File: VN074658.D

Acq: 29 Sep 2022 17:20

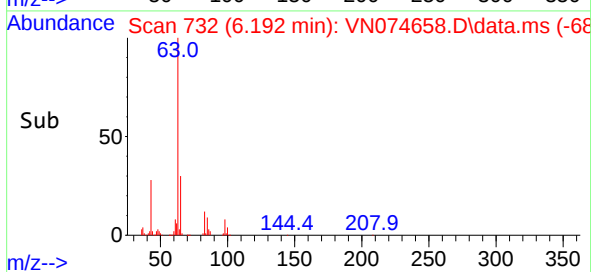
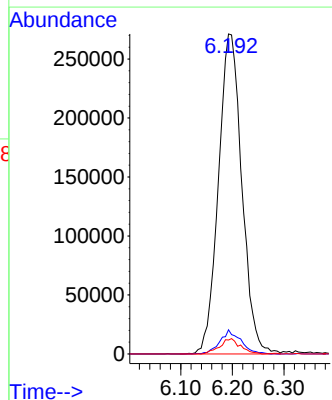
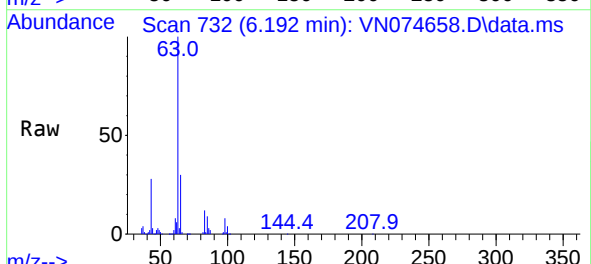
Tgt Ion: 63 Resp: 854648

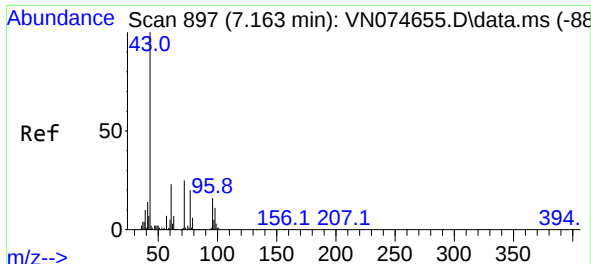
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 241.303 ug/l

RT: 7.157 min Scan# 896

Delta R.T. -0.006 min

Lab File: VN074658.D

Acq: 29 Sep 2022 17:20

Instrument :

MSVOA\_N

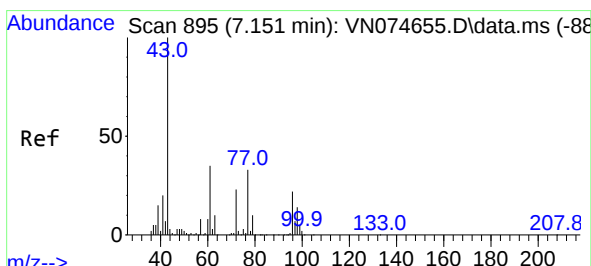
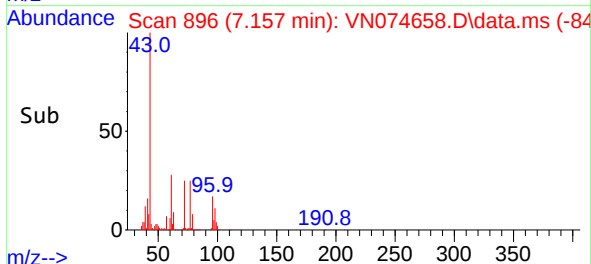
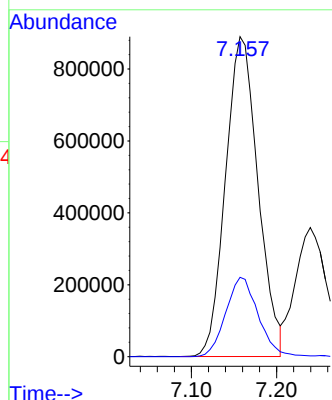
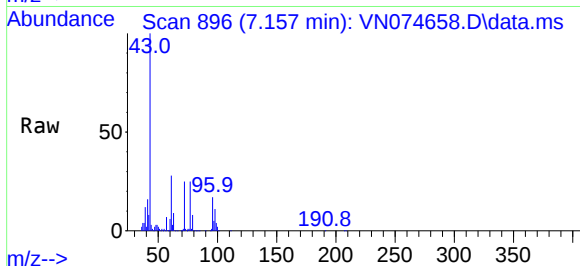
ClientSampleId :

Tgt Ion: 43 Resp: 2357359

Ion Ratio Lower Upper

43 100

72 24.8 23.7 35.5



#26

2,2-Dichloropropane

Concen: 47.806 ug/l

RT: 7.151 min Scan# 895

Delta R.T. 0.000 min

Lab File: VN074658.D

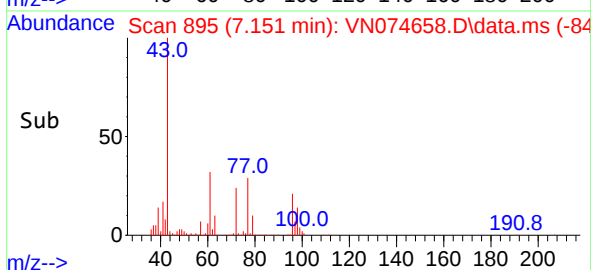
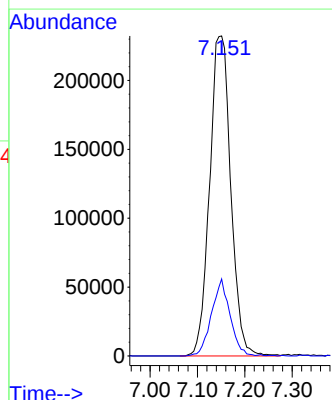
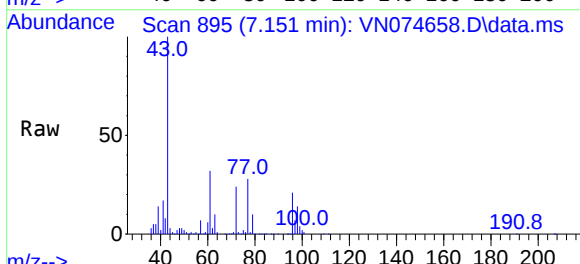
Acq: 29 Sep 2022 17:20

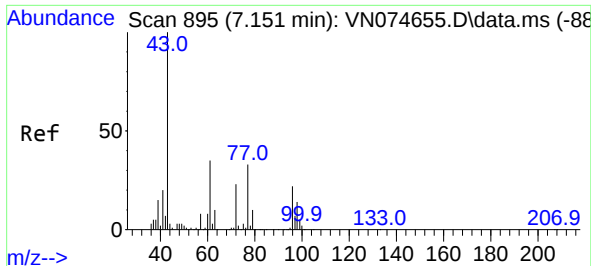
Tgt Ion: 77 Resp: 721036

Ion Ratio Lower Upper

77 100

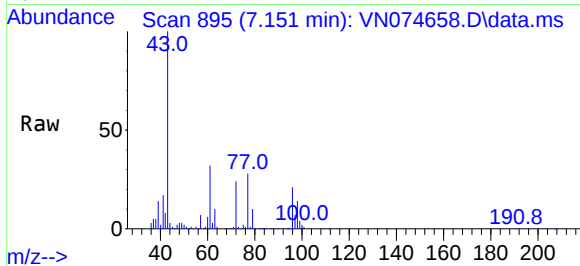
97 21.1 11.4 34.2





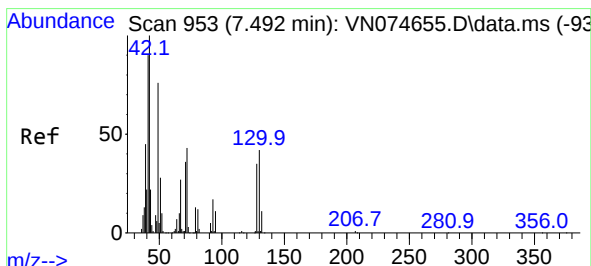
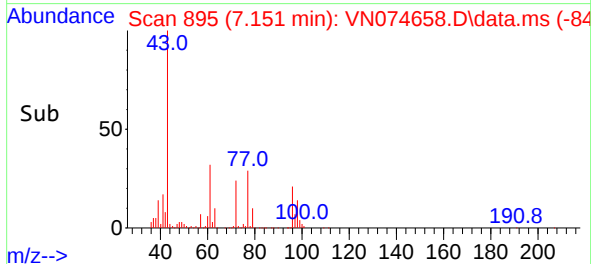
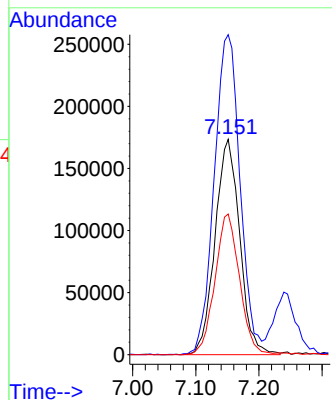
#27  
 cis-1,2-Dichloroethene  
 Concen: 44.577 ug/l  
 RT: 7.151 min Scan# 895  
 Delta R.T. 0.000 min  
 Lab File: VN074658.D  
 Acq: 29 Sep 2022 17:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion: 96 Resp: 471121

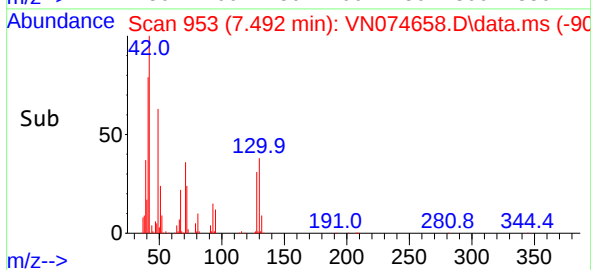
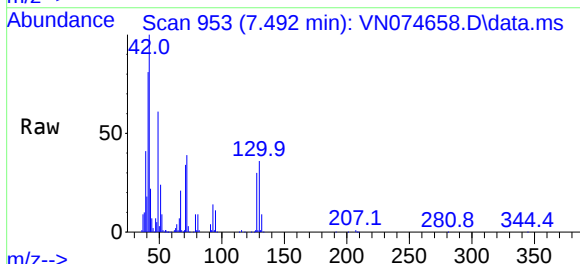
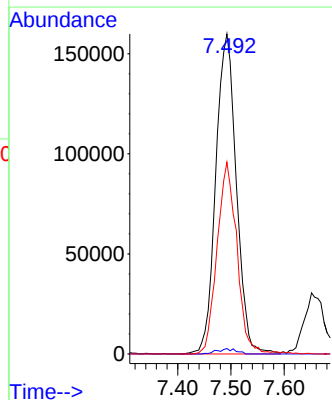
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 155.3 | 0.0   | 280.6 |
| 98  | 64.9  | 0.0   | 128.4 |

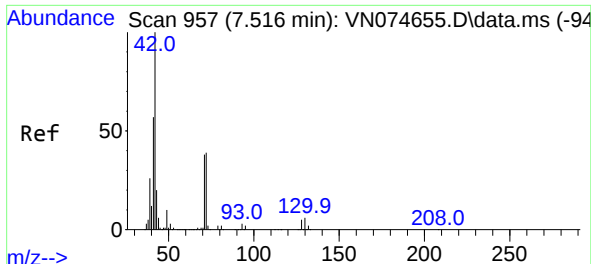


#28  
 Bromochloromethane  
 Concen: 53.070 ug/l  
 RT: 7.492 min Scan# 953  
 Delta R.T. 0.000 min  
 Lab File: VN074658.D  
 Acq: 29 Sep 2022 17:20

Tgt Ion: 49 Resp: 428688

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.5   | 0.0   | 4.6   |
| 130 | 57.5  | 69.7  | 104.5 |



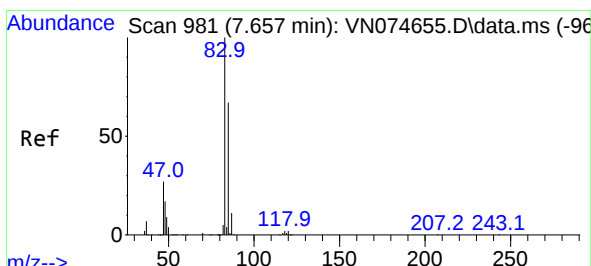
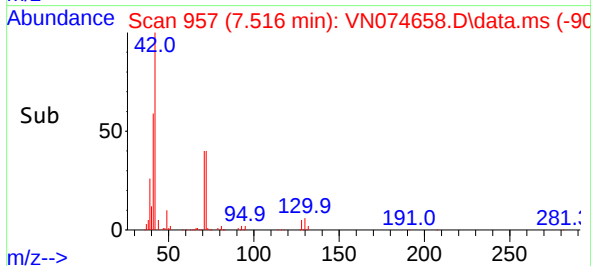
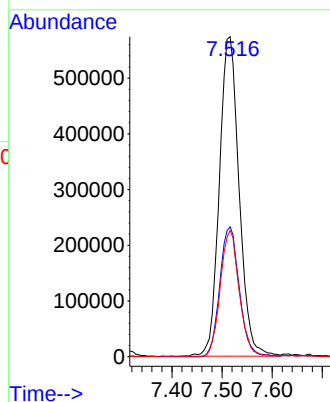
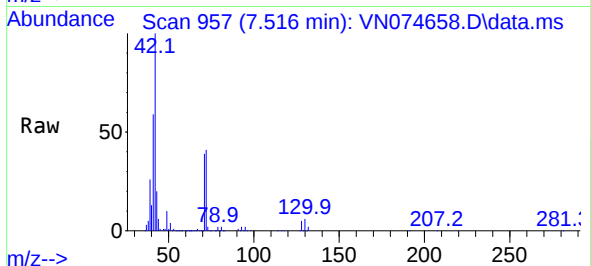


#29  
Tetrahydrofuran  
Concen: 242.981 ug/l  
RT: 7.516 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 42 Resp: 1566228  

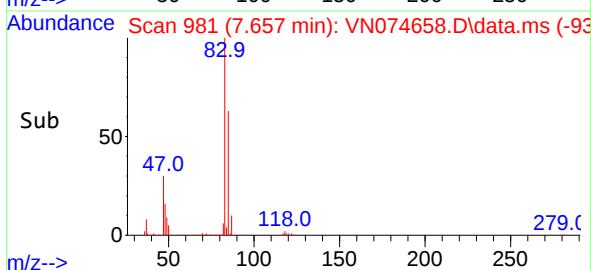
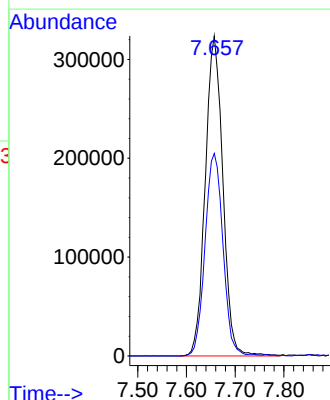
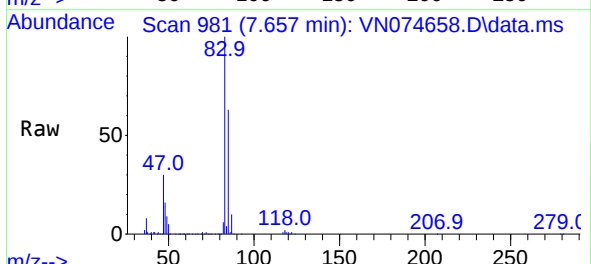
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 40.1  | 39.7  | 59.5  |
| 71  | 38.1  | 36.6  | 55.0  |

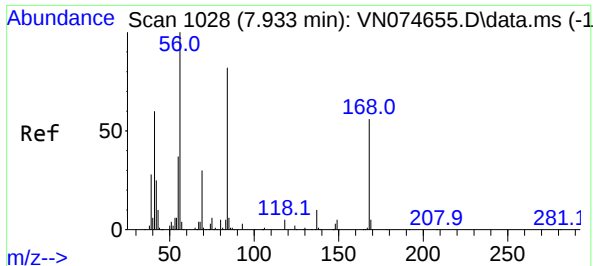


#30  
Chloroform  
Concen: 49.546 ug/l  
RT: 7.657 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion: 83 Resp: 809800  

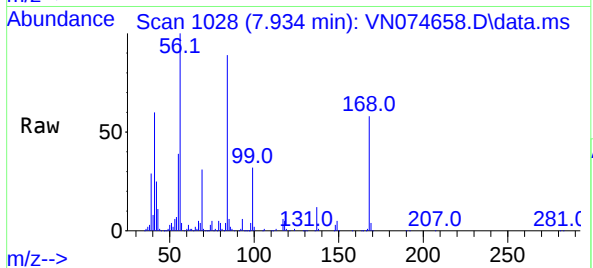
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 63.3  | 51.8  | 77.8  |



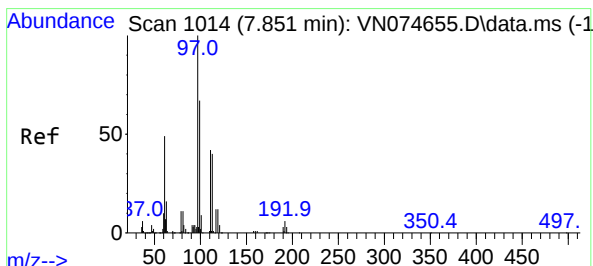
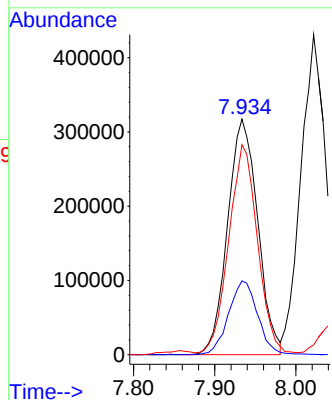
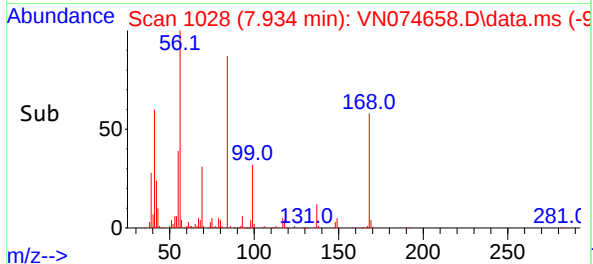


#31  
Cyclohexane  
Concen: 47.384 ug/l  
RT: 7.934 min Scan# 1028  
Delta R.T. 0.001 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

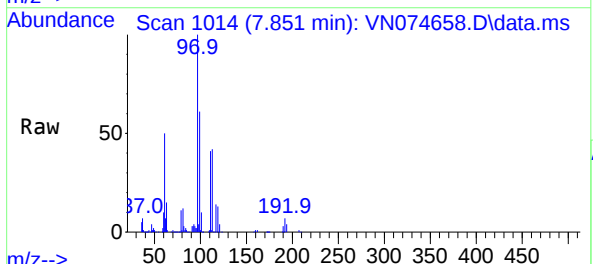
Instrument :  
MSVOA\_N  
ClientSampleId :



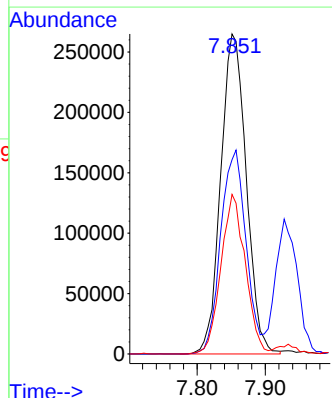
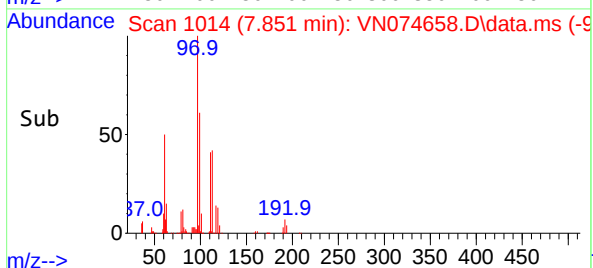
Tgt Ion: 56 Resp: 817057  
Ion Ratio Lower Upper  
56 100  
69 31.2 27.8 41.8  
84 87.3 76.9 115.3

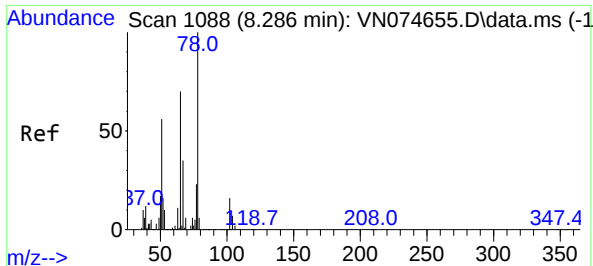


#32  
1,1,1-Trichloroethane  
Concen: 48.114 ug/l  
RT: 7.851 min Scan# 1014  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20



Tgt Ion: 97 Resp: 690111  
Ion Ratio Lower Upper  
97 100  
99 62.8 50.6 76.0  
61 47.7 36.0 54.0

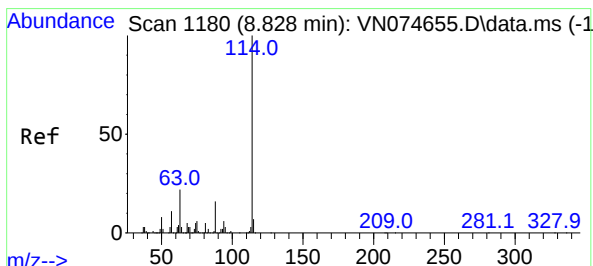
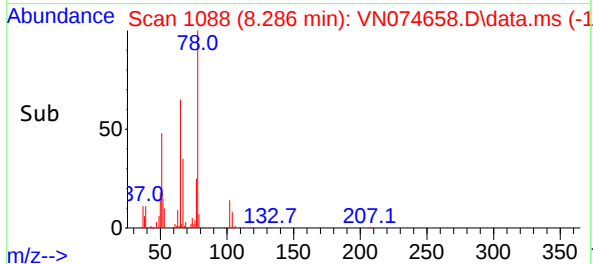
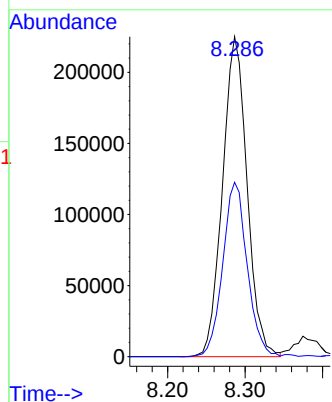
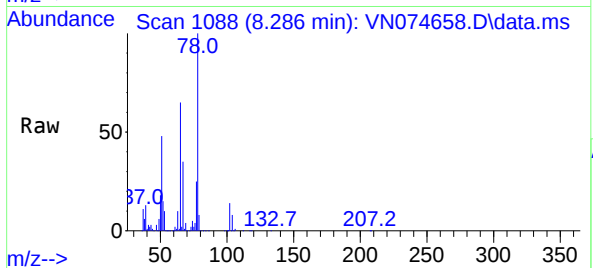




#33  
1,2-Dichloroethane-d4  
Concen: 46.761 ug/l  
RT: 8.286 min Scan# 1088  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

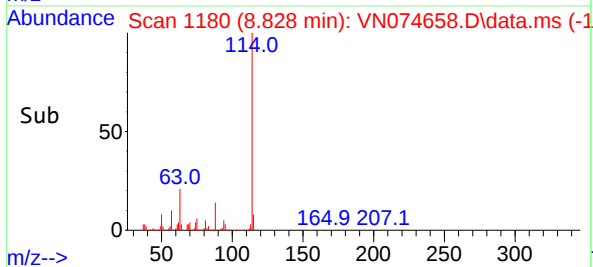
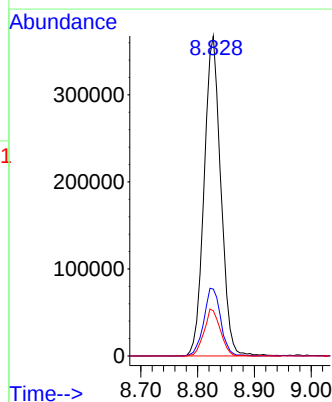
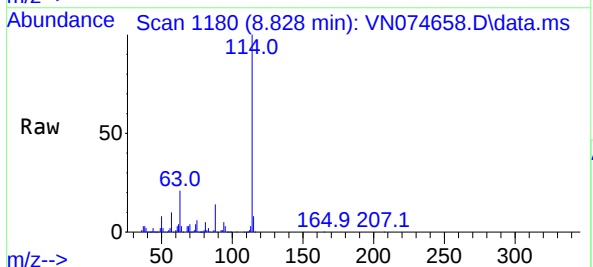
Instrument :  
MSVOA\_N  
ClientSampleId :

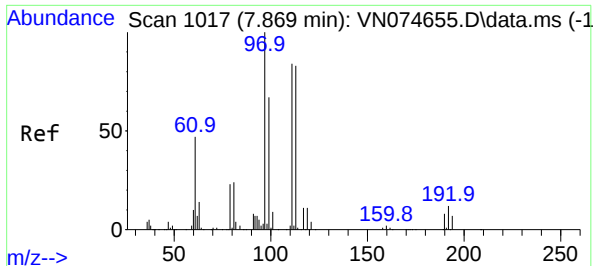
Tgt Ion: 65 Resp: 496305  
Ion Ratio Lower Upper  
65 100  
67 54.2 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.828 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion:114 Resp: 747125  
Ion Ratio Lower Upper  
114 100  
63 20.9 0.0 40.0  
88 14.1 0.0 32.6

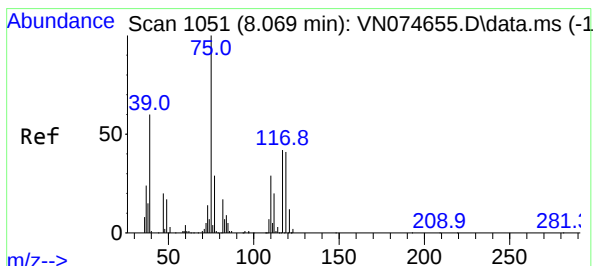
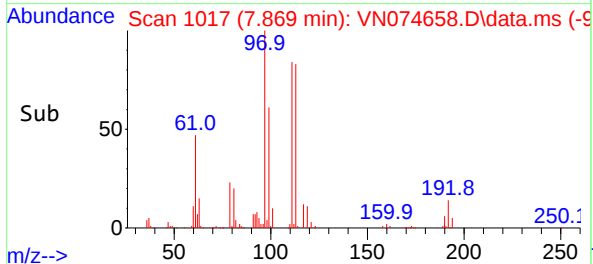
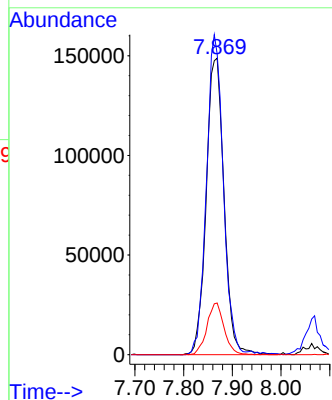
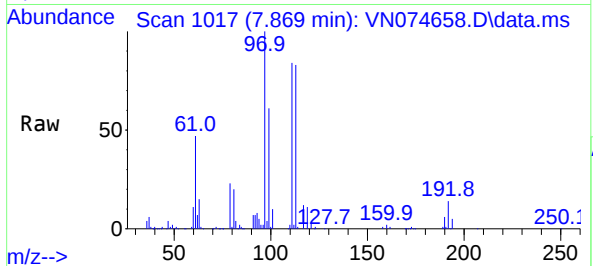




#35  
Dibromofluoromethane  
Concen: 47.668 ug/l  
RT: 7.869 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

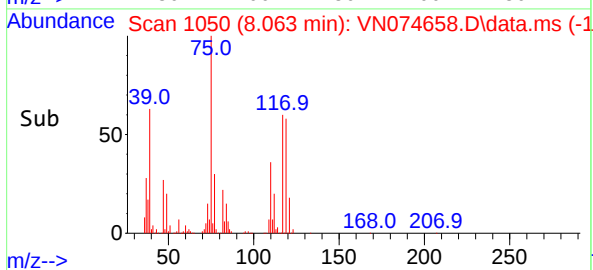
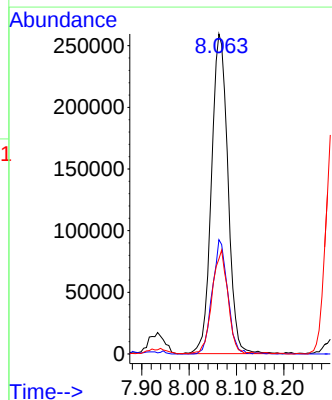
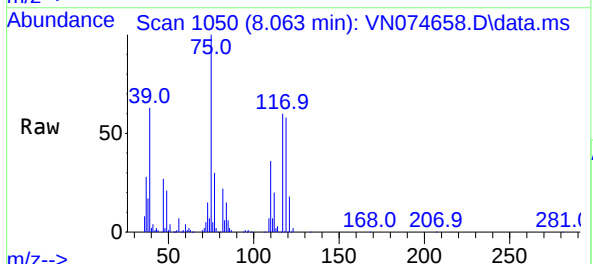
Instrument :  
MSVOA\_N  
ClientSampleId :

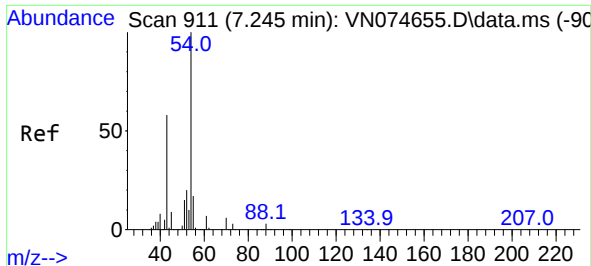
Tgt Ion:113 Resp: 376956  
Ion Ratio Lower Upper  
113 100  
111 102.1 81.4 122.0  
192 16.8 17.0 25.6#



#36  
1,1-Dichloropropene  
Concen: 49.376 ug/l  
RT: 8.063 min Scan# 1050  
Delta R.T. -0.006 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion: 75 Resp: 625324  
Ion Ratio Lower Upper  
75 100  
110 33.2 18.3 54.8  
77 31.1 25.1 37.7

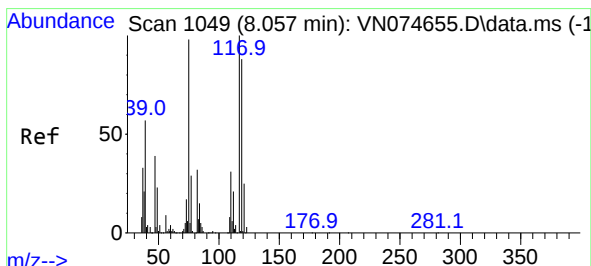
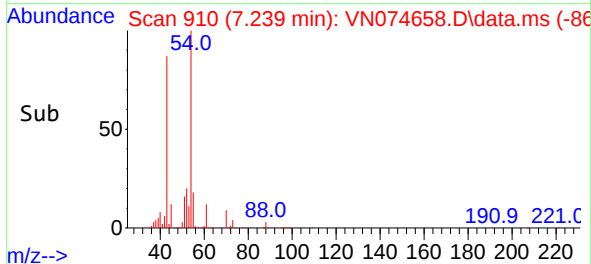
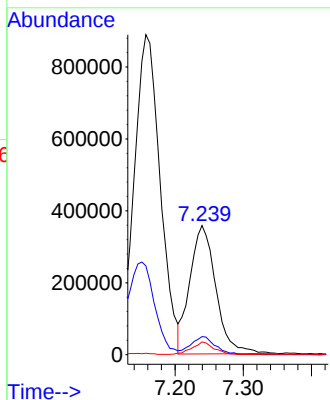
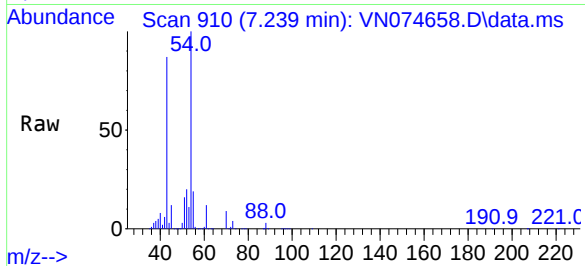




#37  
Ethyl Acetate  
Concen: 50.603 ug/l  
RT: 7.239 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

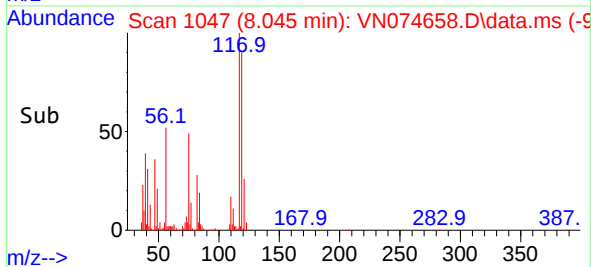
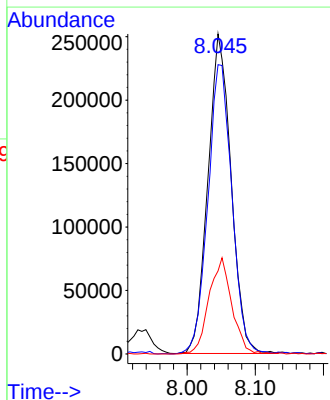
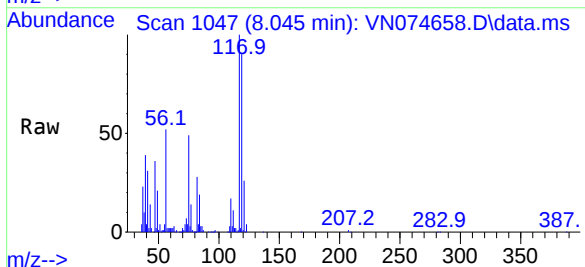
Instrument :  
MSVOA\_N  
ClientSampleId :

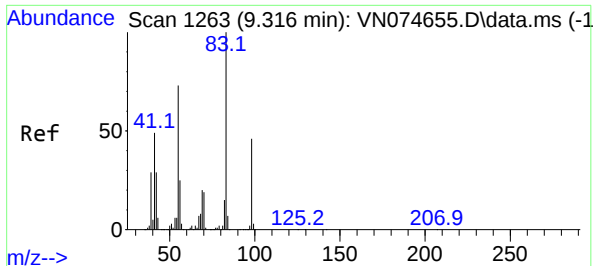
Tgt Ion: 43 Resp: 946898  
Ion Ratio Lower Upper  
43 100  
61 12.9 11.8 17.6  
70 8.2 9.3 13.9#



#38  
Carbon Tetrachloride  
Concen: 51.242 ug/l  
RT: 8.045 min Scan# 1047  
Delta R.T. -0.012 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion: 117 Resp: 594530  
Ion Ratio Lower Upper  
117 100  
119 90.4 75.8 113.8  
121 26.0 24.6 37.0





#39

Methylcyclohexane

Concen: 52.592 ug/l

RT: 9.322 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN074658.D

Acq: 29 Sep 2022 17:20

Instrument :

MSVOA\_N

ClientSampleId :

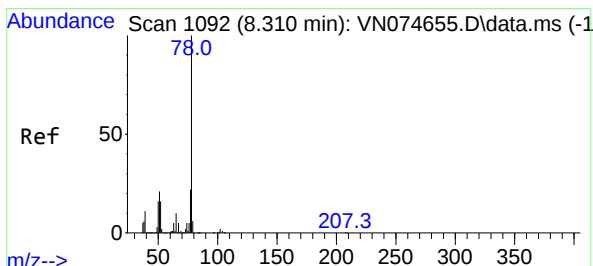
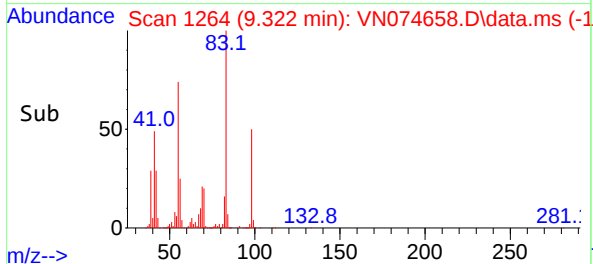
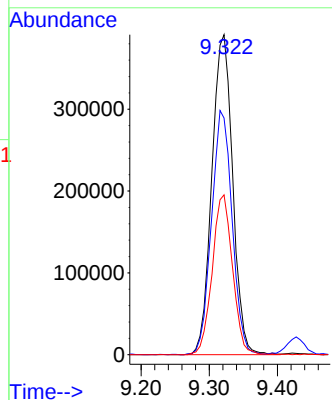
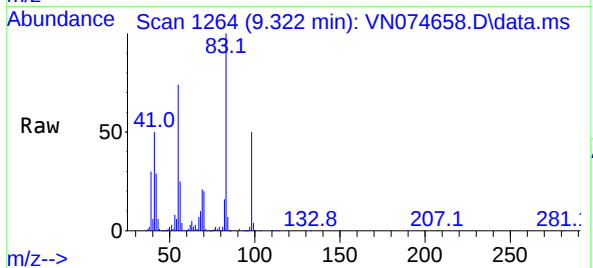
Tgt Ion: 83 Resp: 831526

Ion Ratio Lower Upper

83 100

55 73.9 57.8 86.8

98 50.0 39.4 59.2



#40

Benzene

Concen: 50.018 ug/l

RT: 8.310 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN074658.D

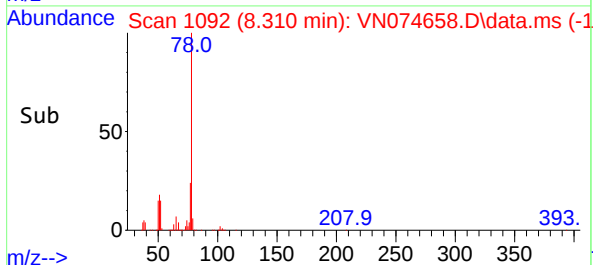
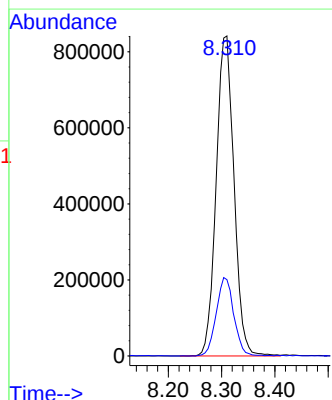
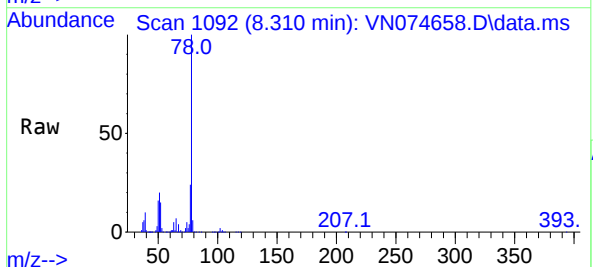
Acq: 29 Sep 2022 17:20

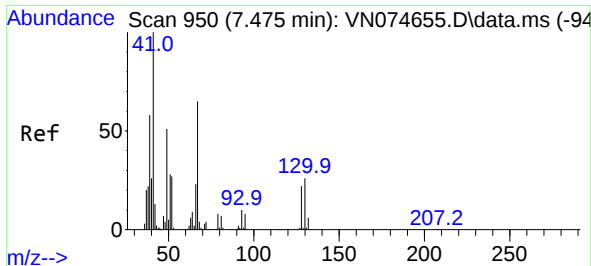
Tgt Ion: 78 Resp: 1952446

Ion Ratio Lower Upper

78 100

77 23.9 19.4 29.0

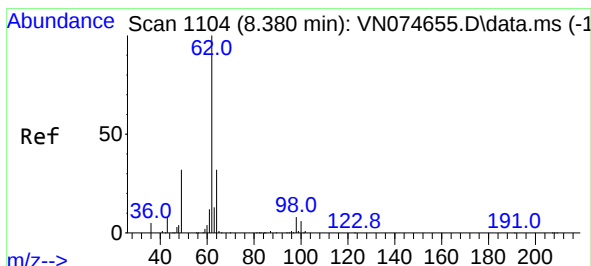
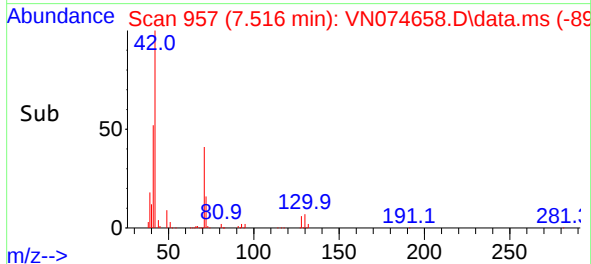
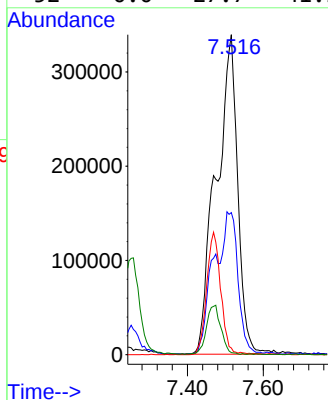
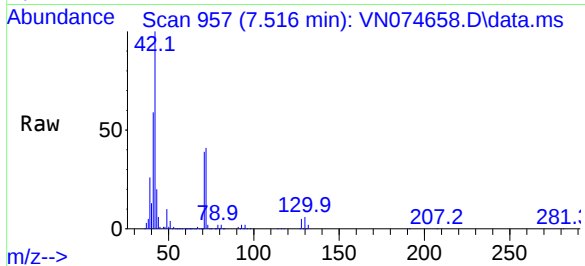




#41  
Methacrylonitrile  
Concen: 163.453 ug/l  
RT: 7.516 min Scan# 91  
Delta R.T. 0.041 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

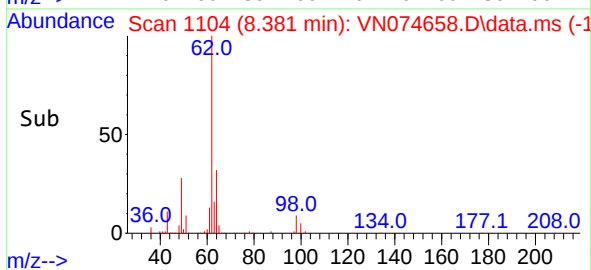
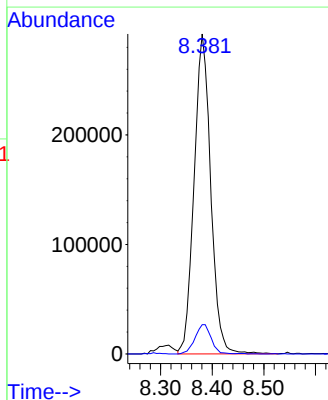
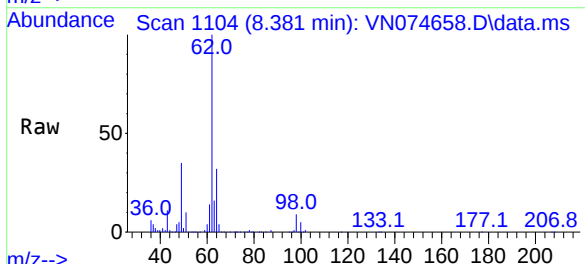
Instrument :  
MSVOA\_N  
ClientSampleId :

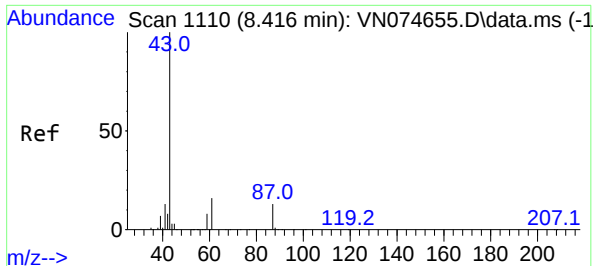
Tgt Ion: 41 Resp: 1339766  
Ion Ratio Lower Upper  
41 100  
39 30.2 48.6 73.0#  
67 0.0 73.4 110.2#  
52 0.0 27.7 41.5#



#42  
1,2-Dichloroethane  
Concen: 49.686 ug/l  
RT: 8.381 min Scan# 1104  
Delta R.T. 0.001 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

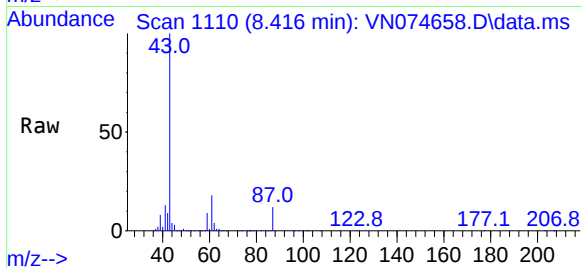
Tgt Ion: 62 Resp: 651560  
Ion Ratio Lower Upper  
62 100  
98 8.9 0.0 19.4



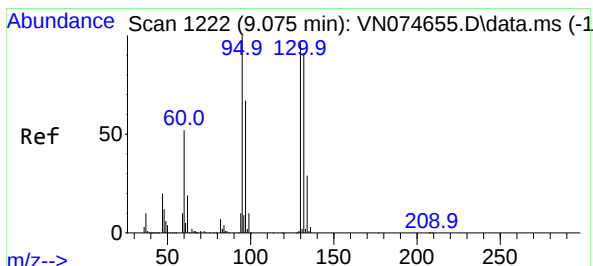
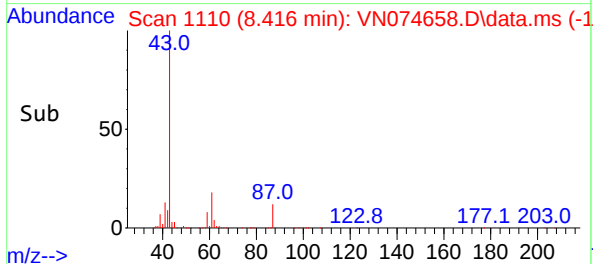
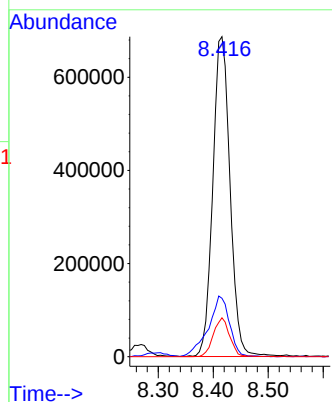


#43  
Isopropyl Acetate  
Concen: 49.934 ug/l  
RT: 8.416 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Instrument :  
MSVOA\_N  
ClientSampleId :

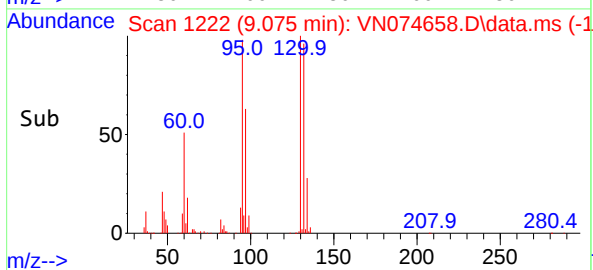
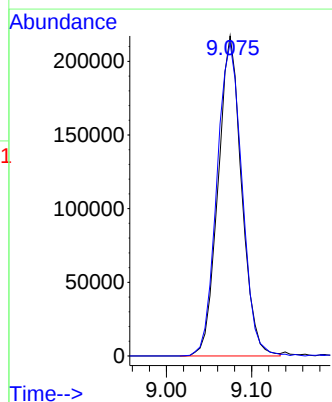
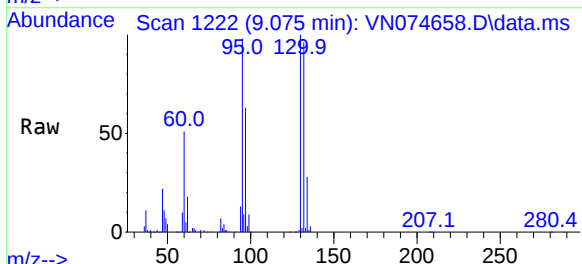


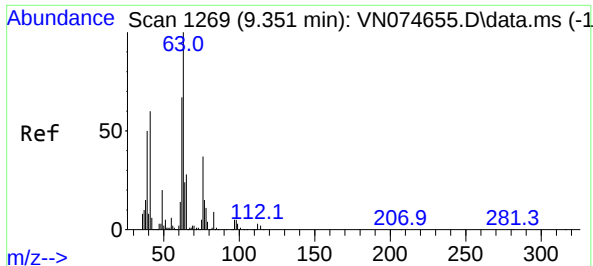
Tgt Ion: 43 Resp: 1496185  
Ion Ratio Lower Upper  
43 100  
61 23.4 21.9 32.9  
87 11.6 12.0 18.0#



#44  
Trichloroethene  
Concen: 51.181 ug/l  
RT: 9.075 min Scan# 1222  
Delta R.T. -0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion:130 Resp: 416225  
Ion Ratio Lower Upper  
130 100  
95 97.8 0.0 186.8

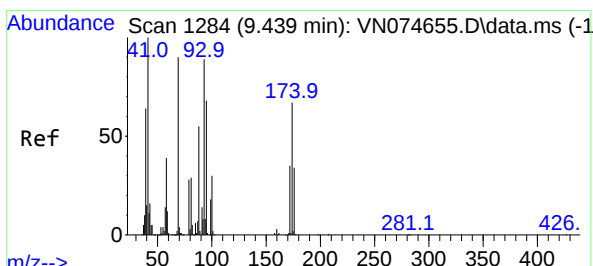
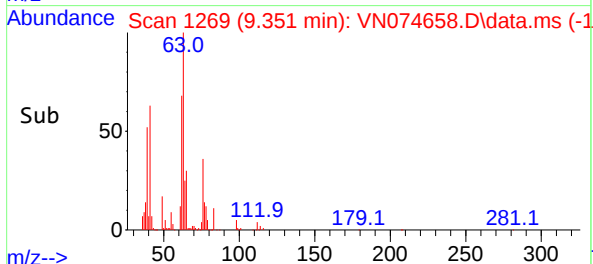
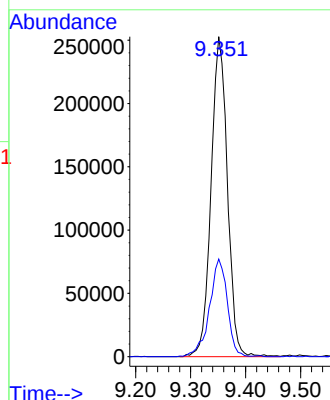
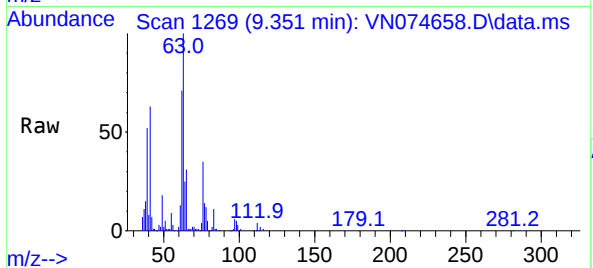




#45  
1,2-Dichloropropane  
Concen: 49.186 ug/l  
RT: 9.351 min Scan# 1269  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

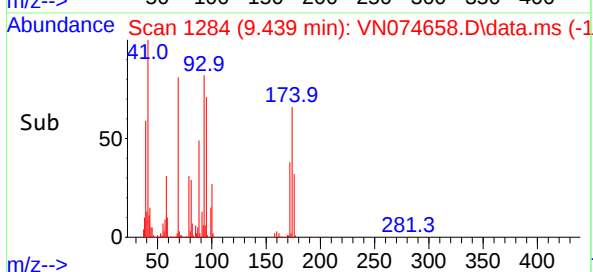
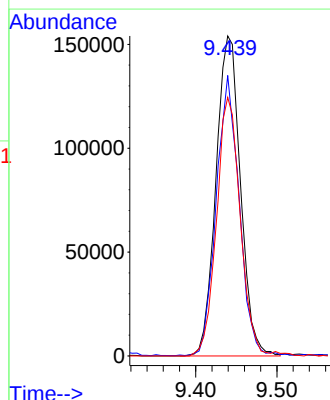
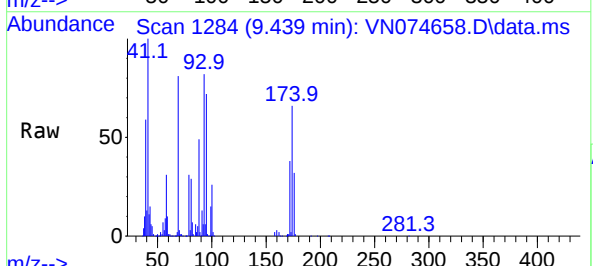
Instrument :  
MSVOA\_N  
ClientSampleId :

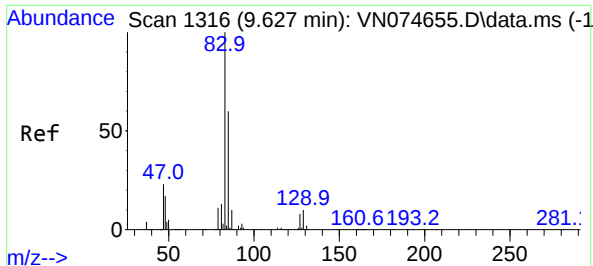
Tgt Ion: 63 Resp: 522681  
Ion Ratio Lower Upper  
63 100  
65 30.5 24.9 37.3



#46  
Dibromomethane  
Concen: 48.208 ug/l  
RT: 9.439 min Scan# 1284  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion: 93 Resp: 322897  
Ion Ratio Lower Upper  
93 100  
95 81.9 66.9 100.3  
174 78.0 86.6 130.0#

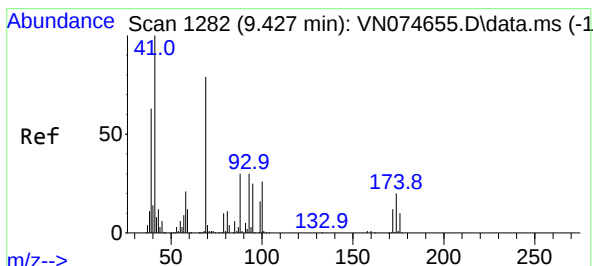
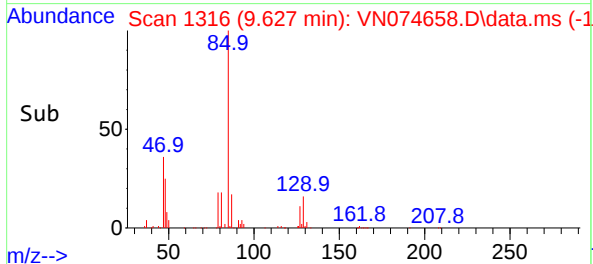
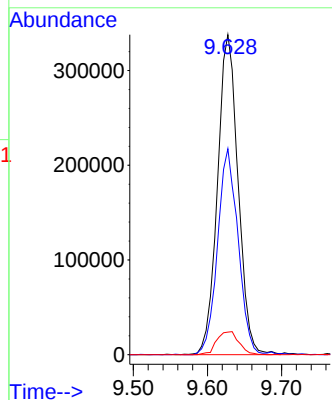
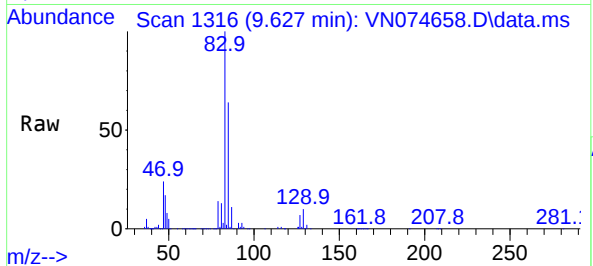




#47  
Bromodichloromethane  
Concen: 49.817 ug/l  
RT: 9.627 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

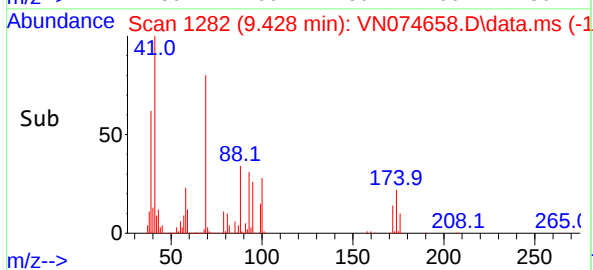
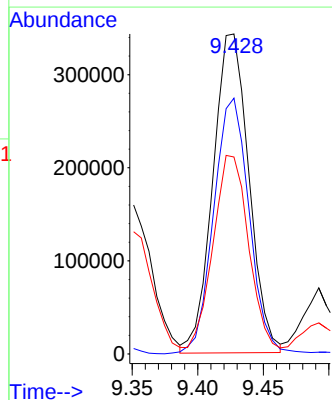
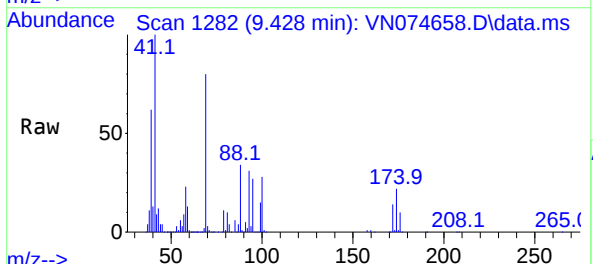
Instrument :  
MSVOA\_N  
ClientSampleId :

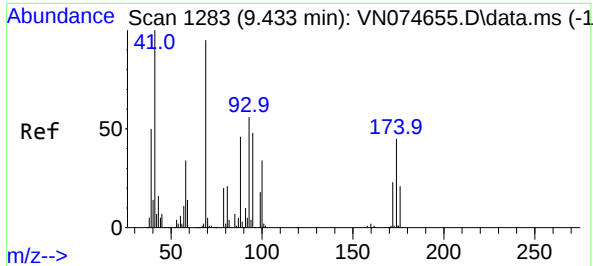
Tgt Ion: 83 Resp: 652140  
Ion Ratio Lower Upper  
83 100  
85 64.3 50.5 75.7  
127 7.1 6.8 10.2



#48  
Methyl methacrylate  
Concen: 52.979 ug/l  
RT: 9.428 min Scan# 1282  
Delta R.T. 0.001 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion: 41 Resp: 654157  
Ion Ratio Lower Upper  
41 100  
69 79.1 74.7 112.1  
39 58.9 45.6 68.4

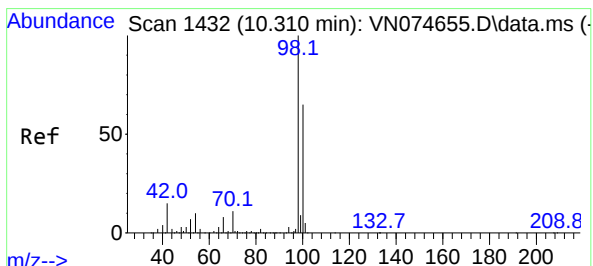
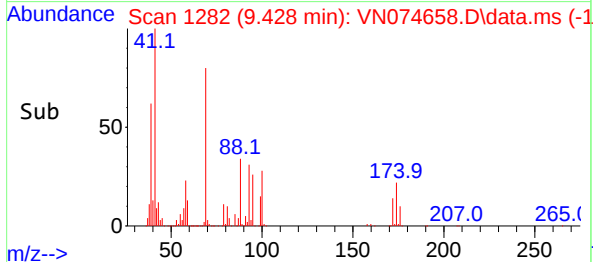
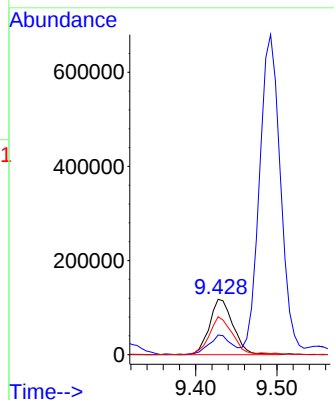
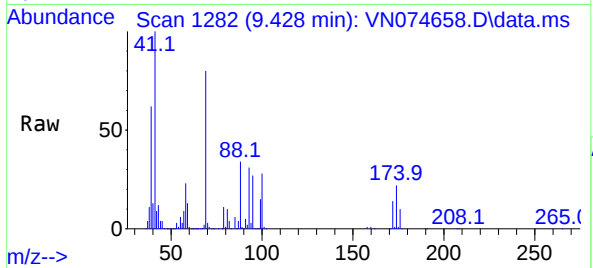




#49  
1,4-Dioxane  
Concen: 1011.278 ug/l  
RT: 9.428 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

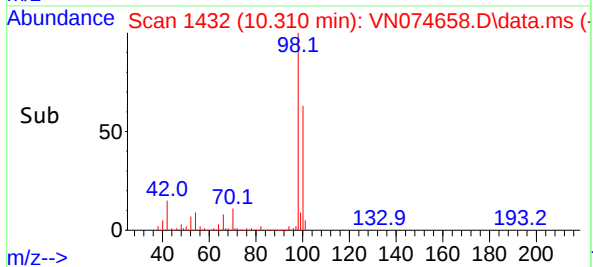
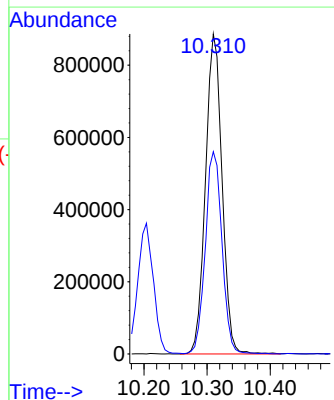
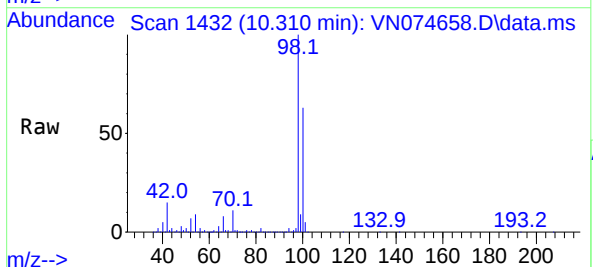
Instrument :  
MSVOA\_N  
ClientSampleId :

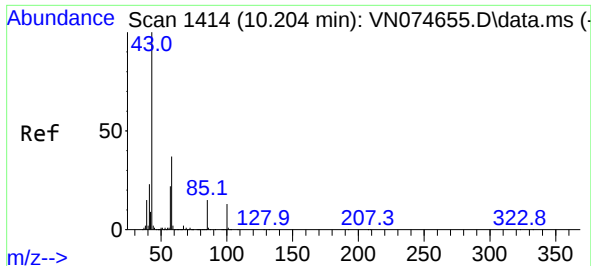
Tgt Ion: 88 Resp: 238180  
Ion Ratio Lower Upper  
88 100  
43 34.3 20.2 30.4#  
58 66.0 54.2 81.4



#50  
Toluene-d8  
Concen: 48.452 ug/l  
RT: 10.310 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion: 98 Resp: 1611667  
Ion Ratio Lower Upper  
98 100  
100 63.7 52.6 78.8

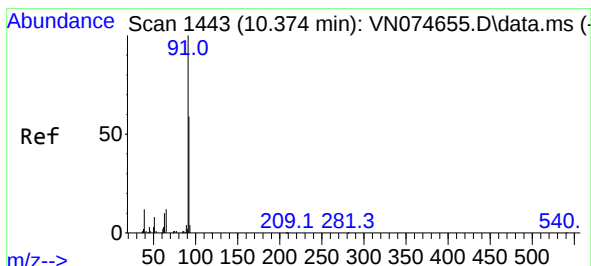
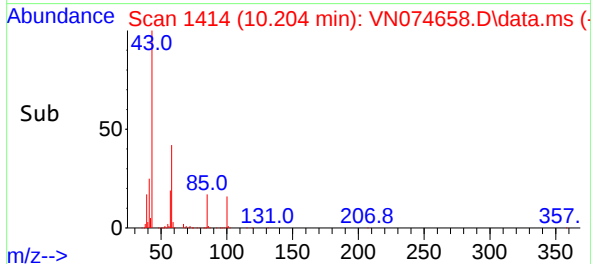
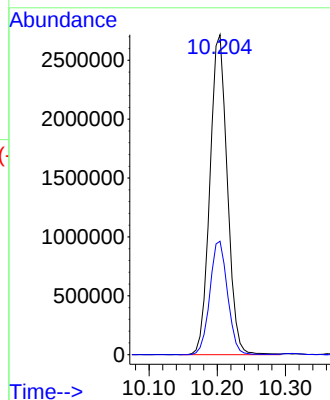
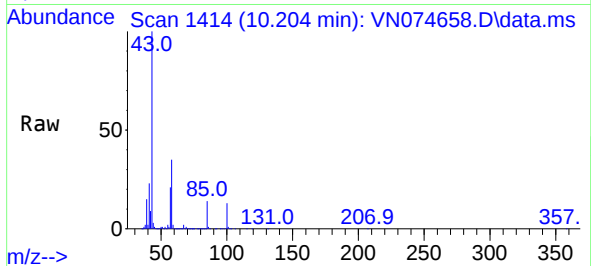




#51  
4-Methyl-2-Pentanone  
Concen: 254.364 ug/l  
RT: 10.204 min Scan# 1414  
Delta R.T. -0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

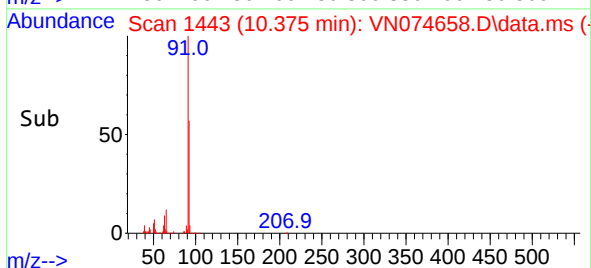
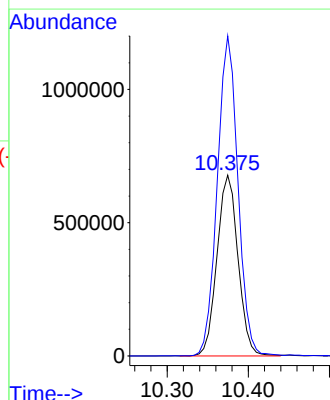
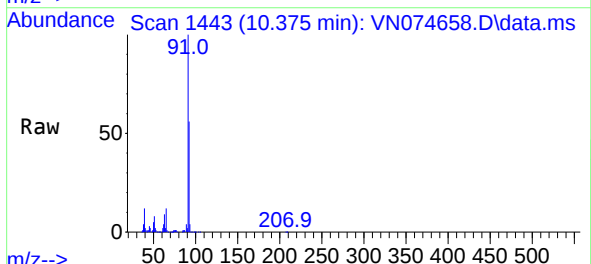
Instrument :  
MSVOA\_N  
ClientSampleId :

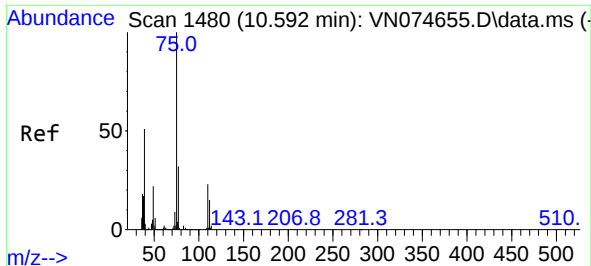
Tgt Ion: 43 Resp: 4822739  
Ion Ratio Lower Upper  
43 100  
58 36.1 34.1 51.1



#52  
Toluene  
Concen: 51.818 ug/l  
RT: 10.375 min Scan# 1443  
Delta R.T. 0.001 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion: 92 Resp: 1221321  
Ion Ratio Lower Upper  
92 100  
91 173.8 138.6 207.8

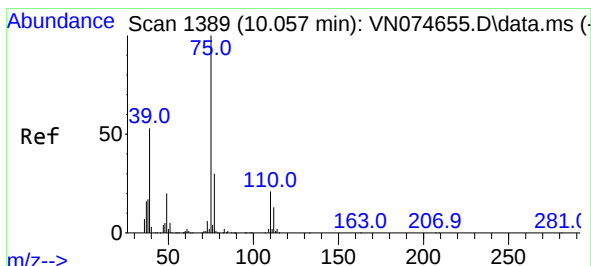
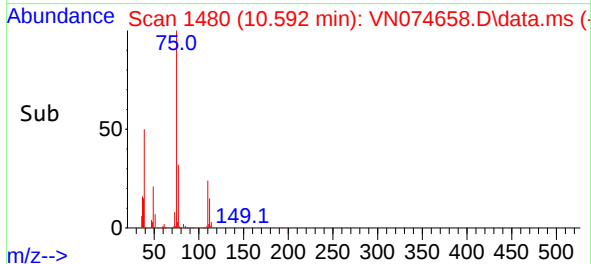
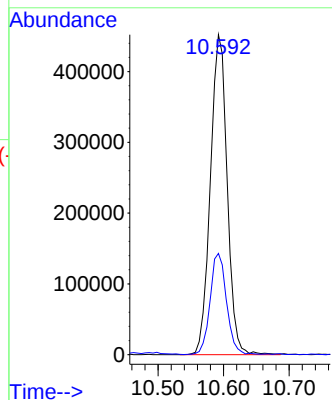
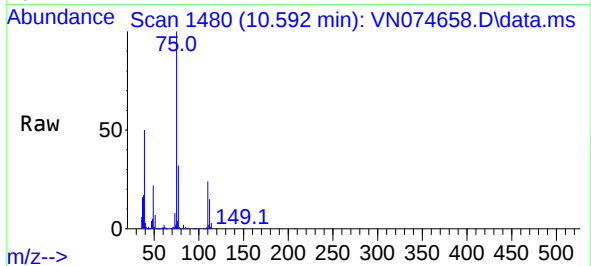




#53  
t-1,3-Dichloropropene  
Concen: 54.212 ug/l  
RT: 10.592 min Scan# 1480  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

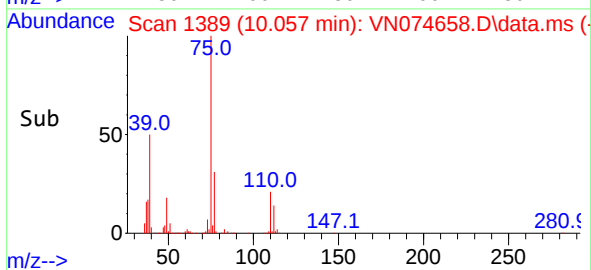
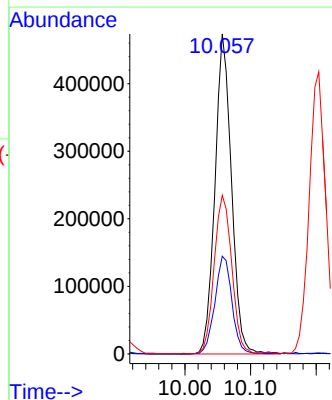
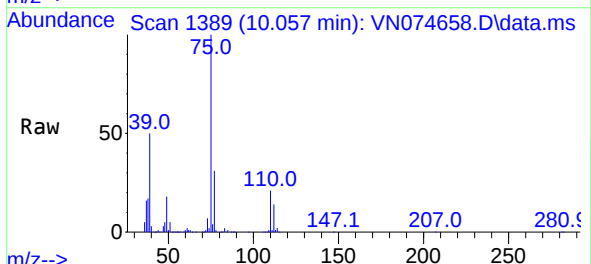
Instrument :  
MSVOA\_N  
ClientSampleId :

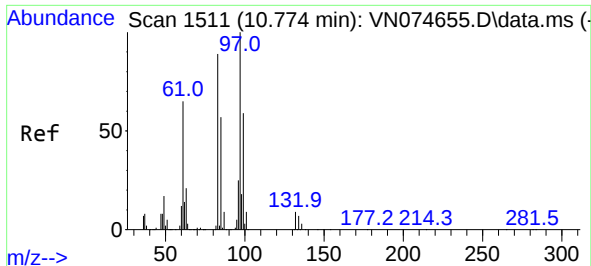
Tgt Ion: 75 Resp: 804445  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 50.602 ug/l  
RT: 10.057 min Scan# 1389  
Delta R.T. -0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion: 75 Resp: 827285  
Ion Ratio Lower Upper  
75 100  
77 30.5 25.2 37.8  
39 49.5 35.7 53.5



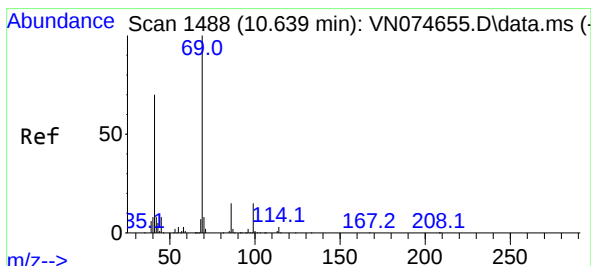
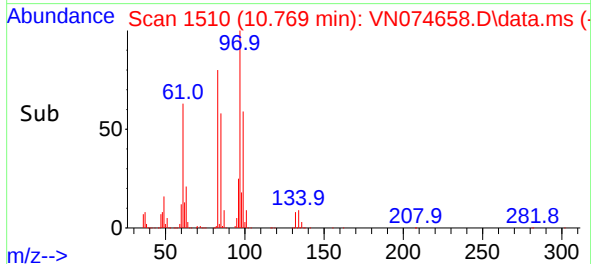
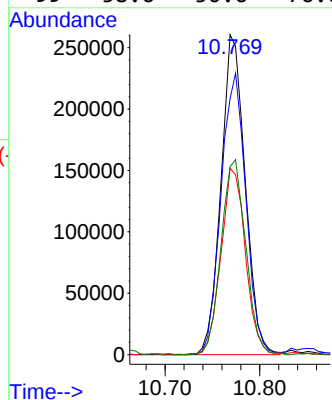
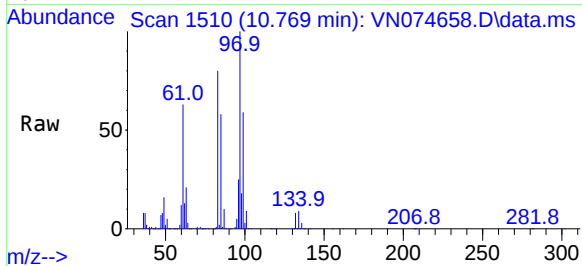


#55  
1,1,2-Trichloroethane  
Concen: 48.771 ug/l  
RT: 10.769 min Scan# 1511  
Delta R.T. -0.005 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 97 Resp: 463258

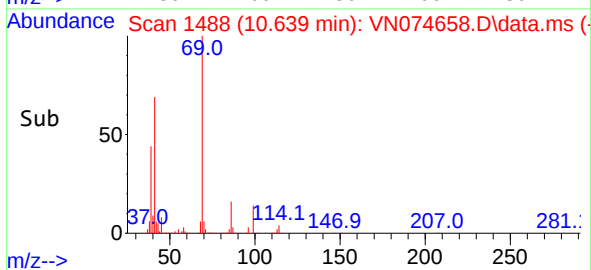
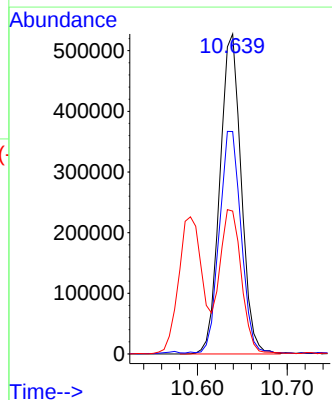
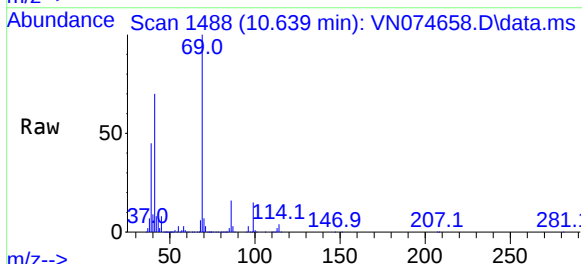
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 80.1  | 66.2  | 99.4  |
| 85  | 58.3  | 43.9  | 65.9  |
| 99  | 58.6  | 50.6  | 76.0  |

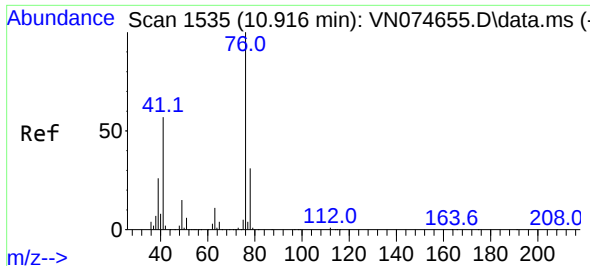


#56  
Ethyl methacrylate  
Concen: 53.066 ug/l  
RT: 10.639 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion: 69 Resp: 869505

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 71.4  | 47.8  | 71.6  |
| 39  | 45.0  | 27.3  | 40.9  |





#57

1,3-Dichloropropane

Concen: 51.085 ug/l

RT: 10.922 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN074658.D

Acq: 29 Sep 2022 17:20

Instrument :

MSVOA\_N

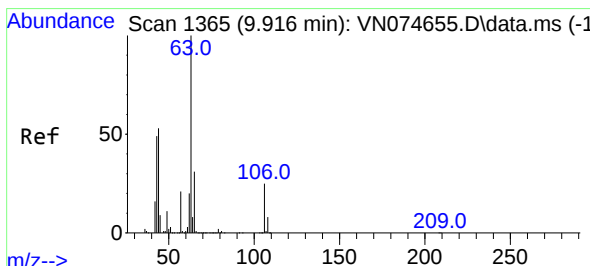
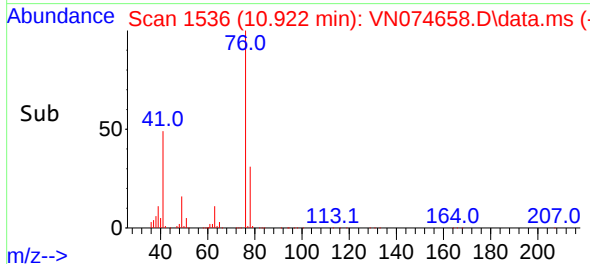
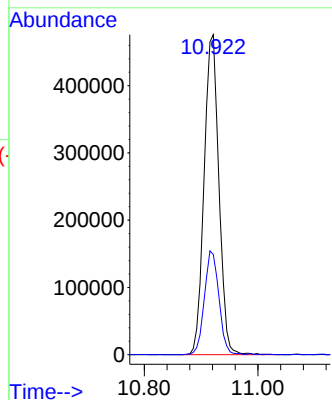
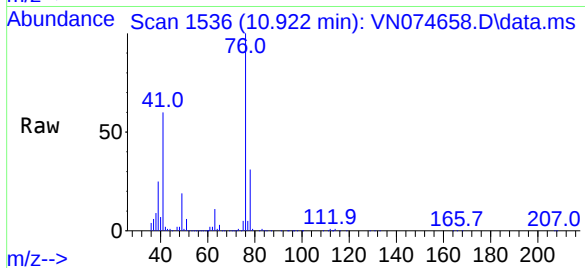
ClientSampleId :

Tgt Ion: 76 Resp: 858775

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 228.751 ug/l

RT: 9.910 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VN074658.D

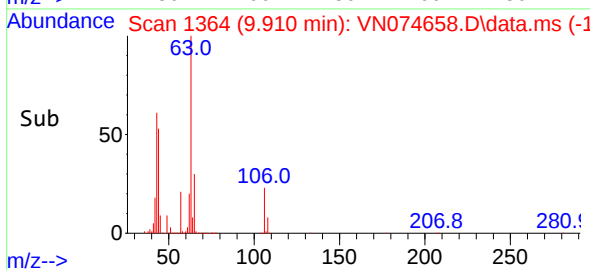
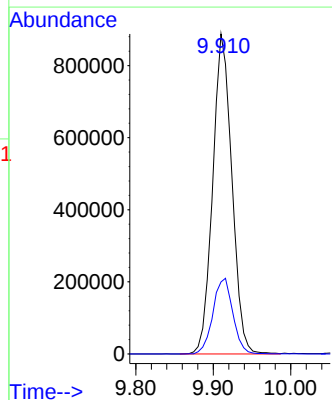
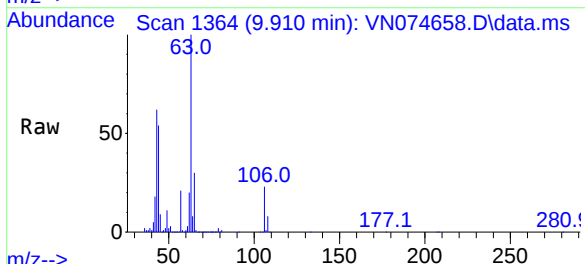
Acq: 29 Sep 2022 17:20

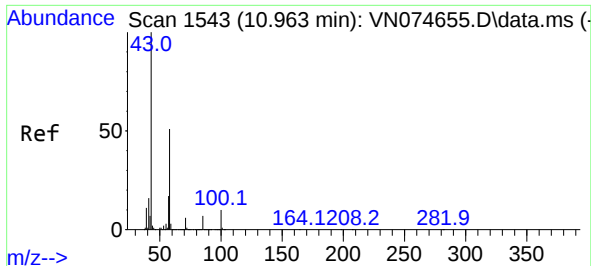
Tgt Ion: 63 Resp: 1530252

Ion Ratio Lower Upper

63 100

106 24.5 24.6 36.8#

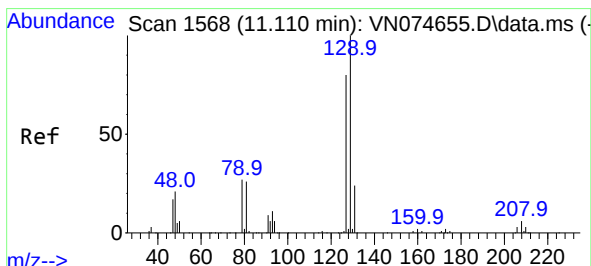
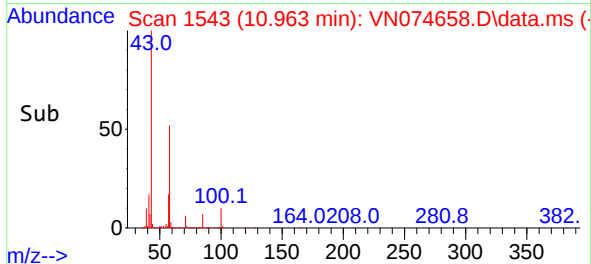
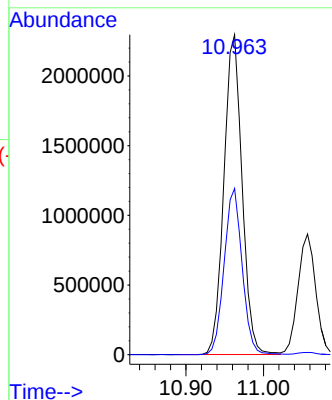
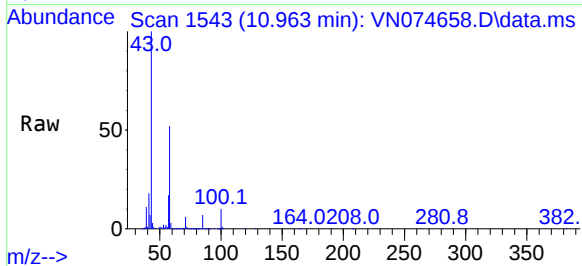




#59  
2-Hexanone  
Concen: 261.804 ug/l  
RT: 10.963 min Scan# 1543  
Delta R.T. -0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

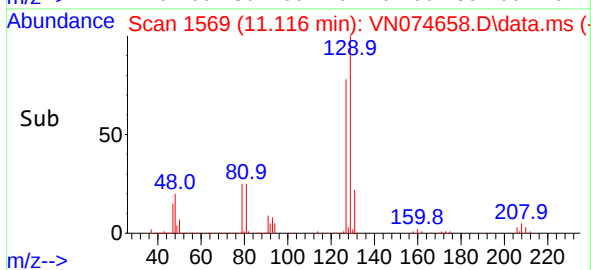
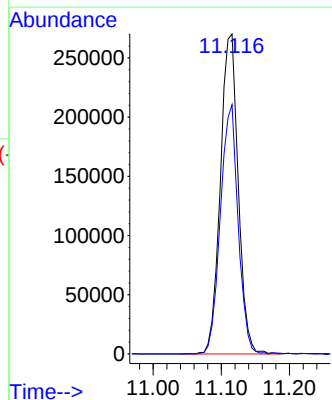
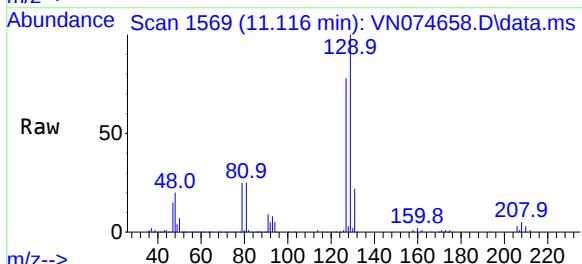
Instrument :  
MSVOA\_N  
ClientSampleId :

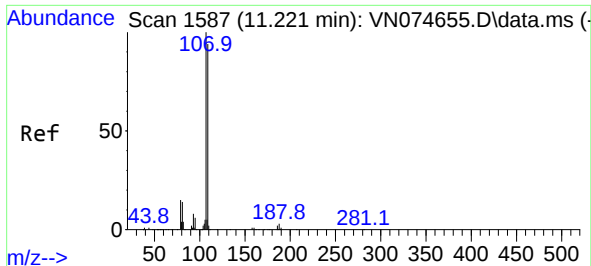
Tgt Ion: 43 Resp: 3751342  
Ion Ratio Lower Upper  
43 100  
58 51.4 29.7 89.1



#60  
Dibromochloromethane  
Concen: 53.898 ug/l  
RT: 11.116 min Scan# 1569  
Delta R.T. 0.006 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion:129 Resp: 492533  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.8 116.4





#61

1,2-Dibromoethane

Concen: 52.590 ug/l

RT: 11.216 min Scan# 11

Delta R.T. -0.005 min

Lab File: VN074658.D

Acq: 29 Sep 2022 17:20

Instrument :

MSVOA\_N

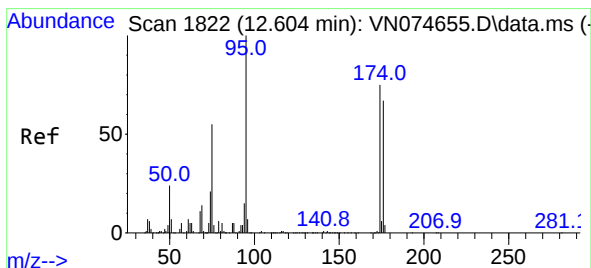
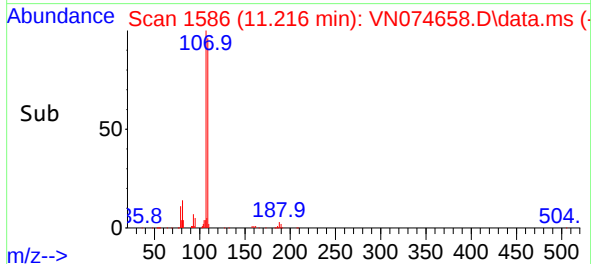
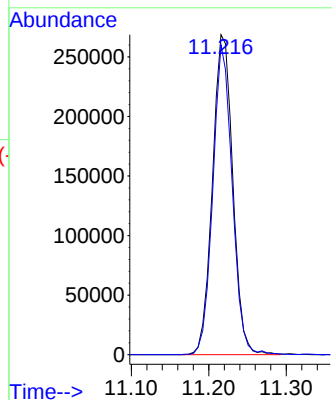
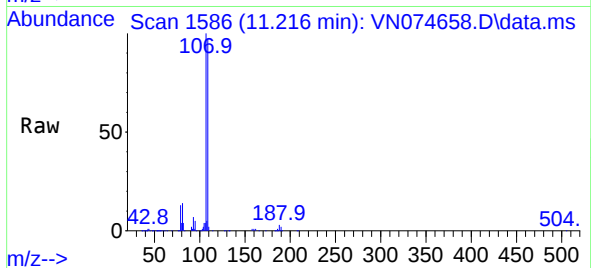
ClientSampleId :

Tgt Ion:107 Resp: 489502

Ion Ratio Lower Upper

107 100

109 92.3 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 50.423 ug/l

RT: 12.604 min Scan# 1822

Delta R.T. -0.000 min

Lab File: VN074658.D

Acq: 29 Sep 2022 17:20

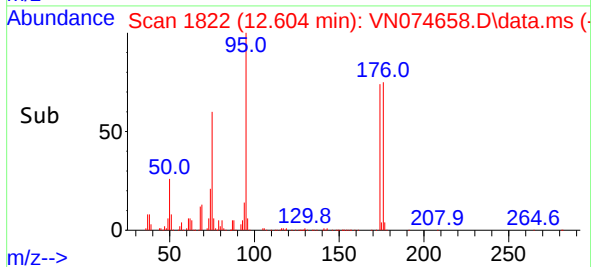
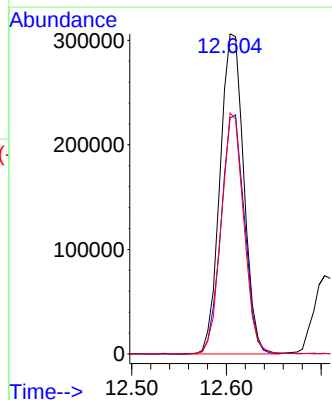
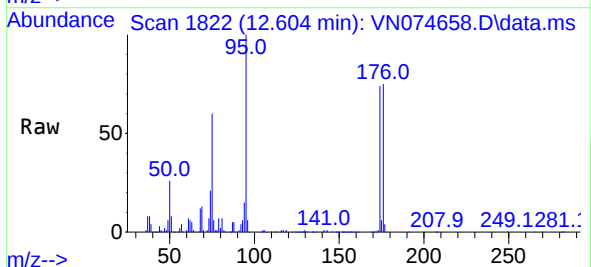
Tgt Ion: 95 Resp: 531834

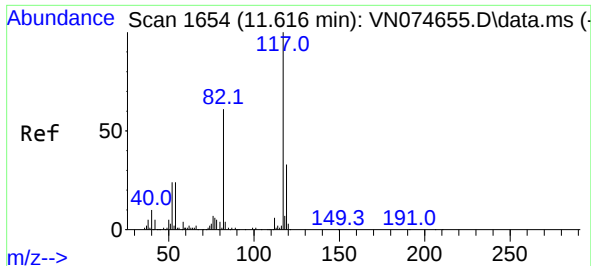
Ion Ratio Lower Upper

95 100

174 73.8 0.0 167.6

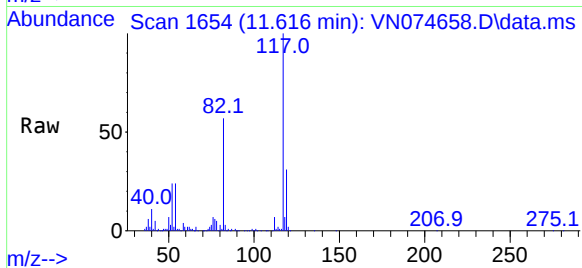
176 71.9 0.0 163.4



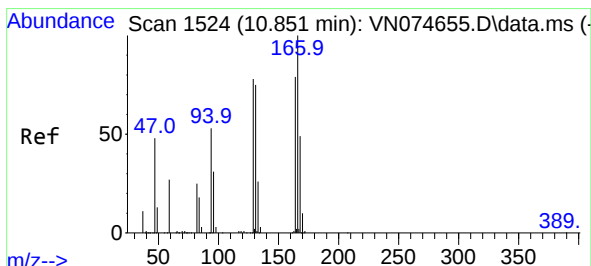
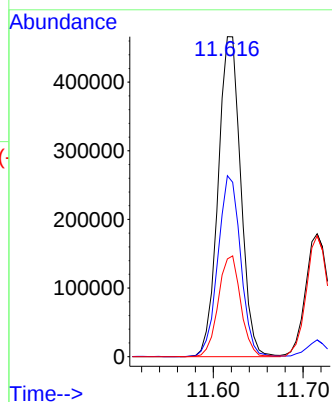
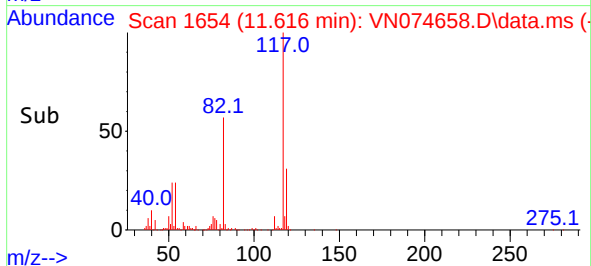


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.616 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

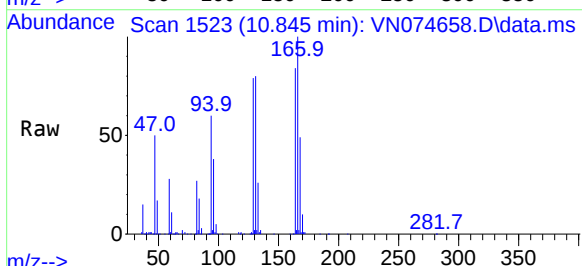
Instrument :  
MSVOA\_N  
ClientSampleId :



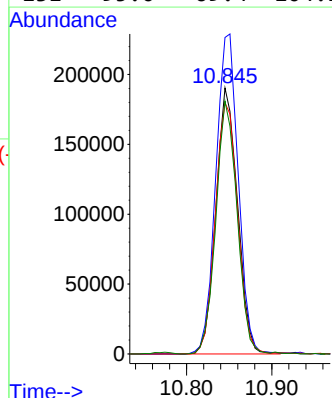
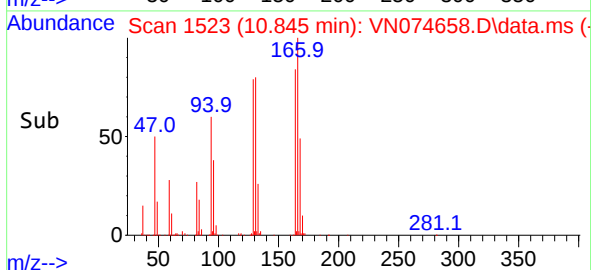
Tgt Ion:117 Resp: 817189  
Ion Ratio Lower Upper  
117 100  
82 56.5 44.2 66.2  
119 30.5 25.4 38.0

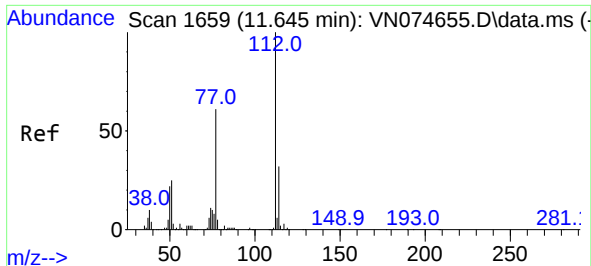


#64  
Tetrachloroethene  
Concen: 48.844 ug/l  
RT: 10.845 min Scan# 1523  
Delta R.T. -0.006 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20



Tgt Ion:164 Resp: 337450  
Ion Ratio Lower Upper  
164 100  
166 119.0 104.2 156.2  
129 94.5 73.9 110.9  
131 95.0 69.4 104.2

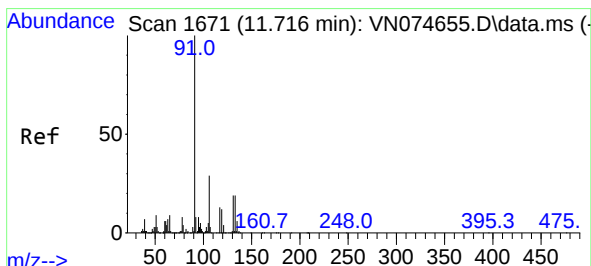
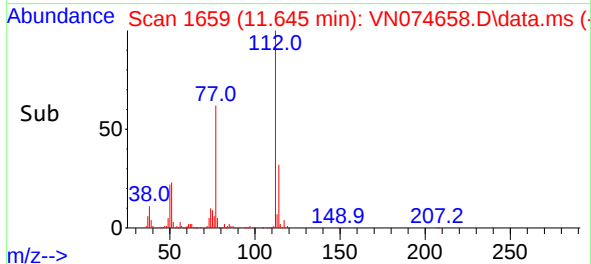
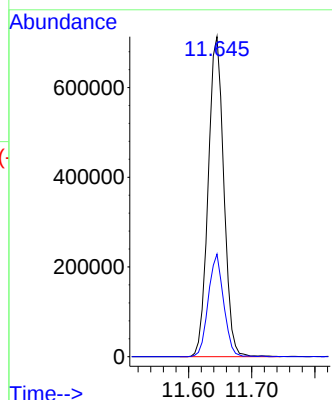
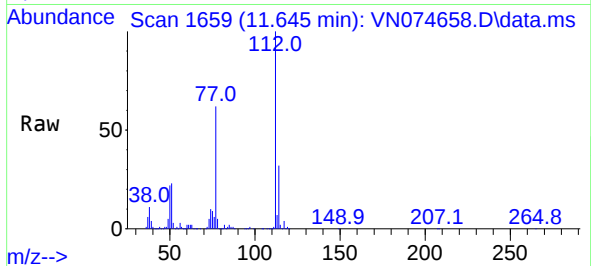




#65  
Chlorobenzene  
Concen: 50.062 ug/l  
RT: 11.645 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

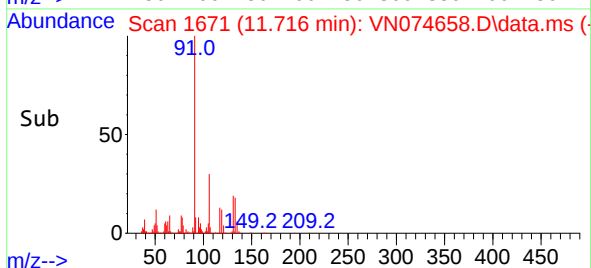
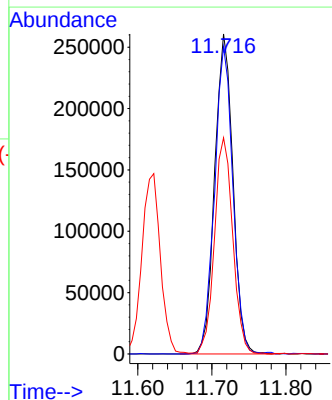
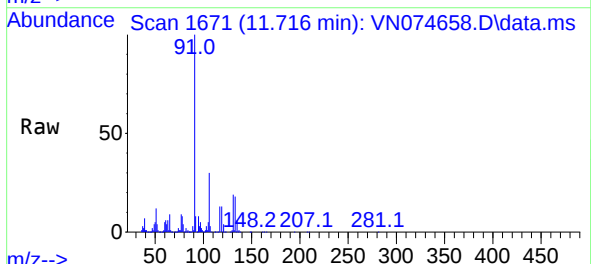
Instrument :  
MSVOA\_N  
ClientSampleId :

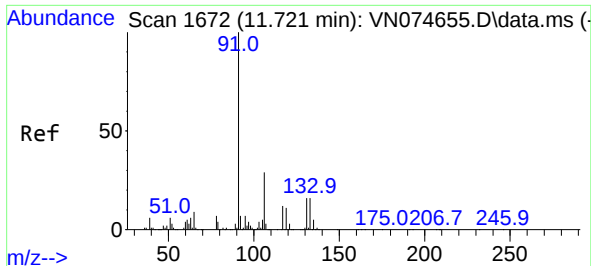
Tgt Ion:112 Resp: 1224070  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.931 ug/l  
RT: 11.716 min Scan# 1671  
Delta R.T. -0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion:131 Resp: 444294  
Ion Ratio Lower Upper  
131 100  
133 96.7 47.8 143.4  
119 68.0 33.4 100.2

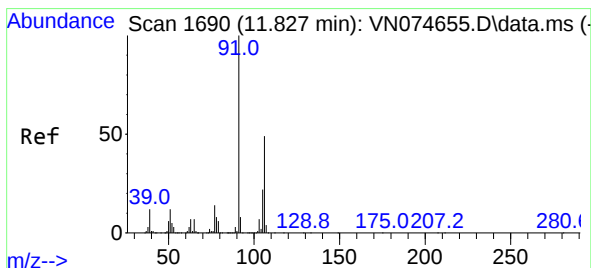
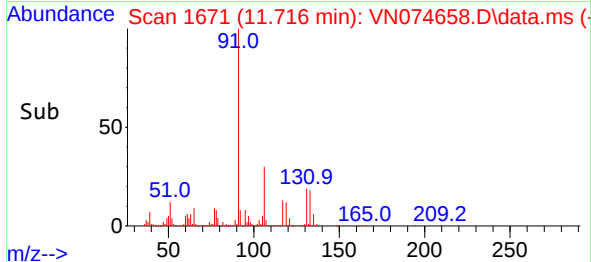
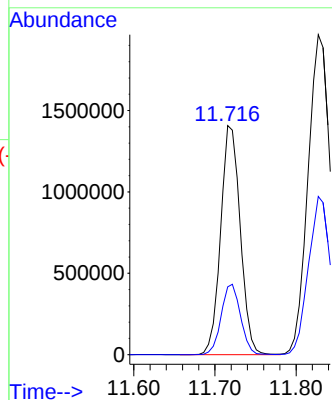
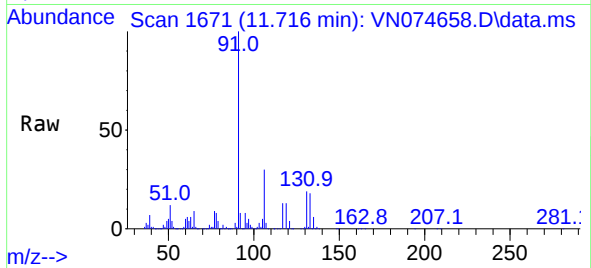




#67  
Ethyl Benzene  
Concen: 51.723 ug/l  
RT: 11.716 min Scan# 1671  
Delta R.T. -0.005 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

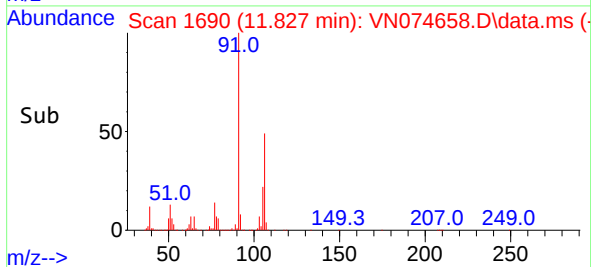
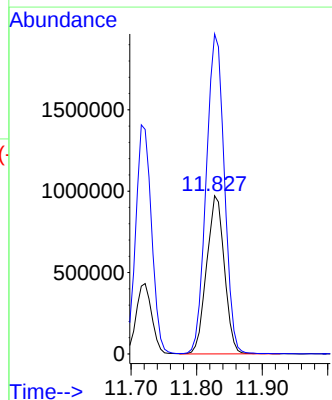
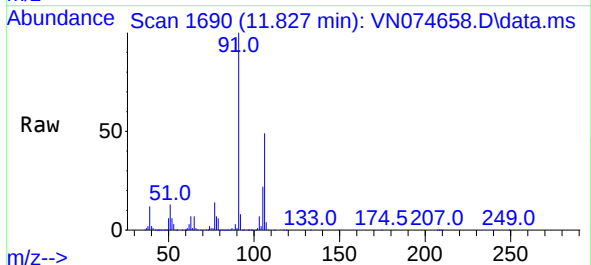
Instrument :  
MSVOA\_N  
ClientSampleId :

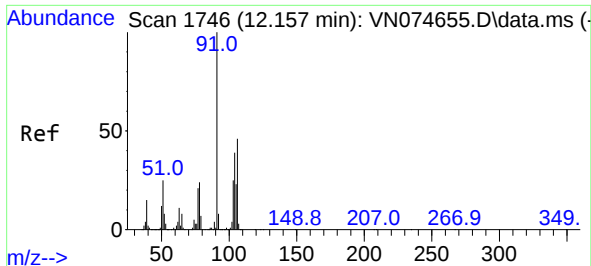
Tgt Ion: 91 Resp: 2366265  
Ion Ratio Lower Upper  
91 100  
106 29.6 24.9 37.3



#68  
m/p-Xylenes  
Concen: 105.748 ug/l  
RT: 11.827 min Scan# 1690  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion: 106 Resp: 1831947  
Ion Ratio Lower Upper  
106 100  
91 206.1 158.9 238.3

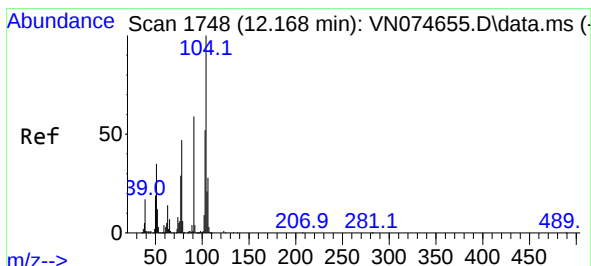
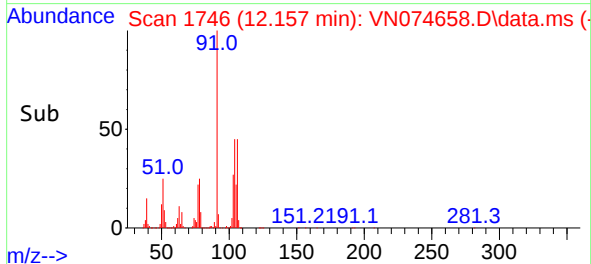
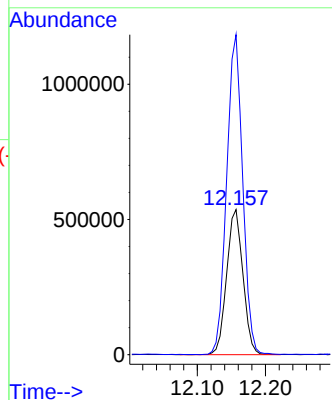
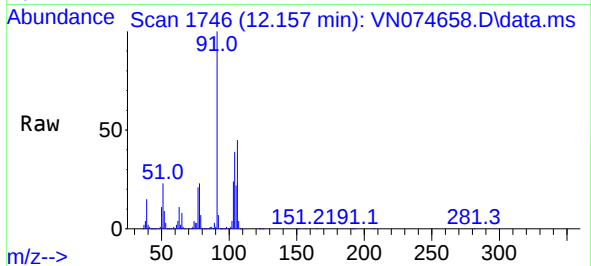




#69  
o-Xylene  
Concen: 51.332 ug/l  
RT: 12.157 min Scan# 1746  
Delta R.T. -0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

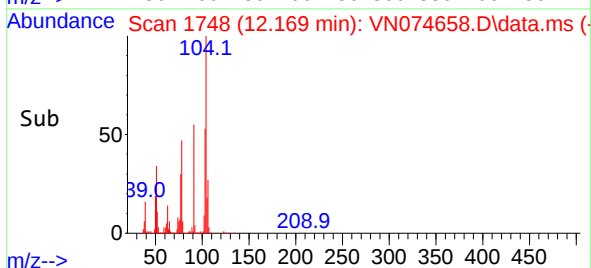
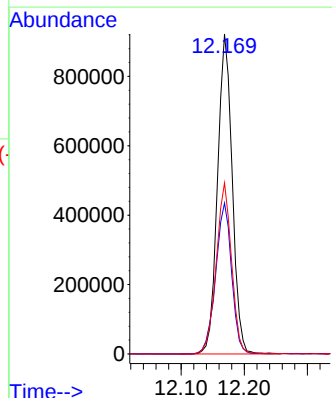
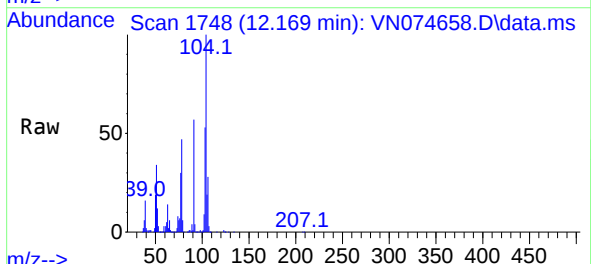
Instrument :  
MSVOA\_N  
ClientSampleId :

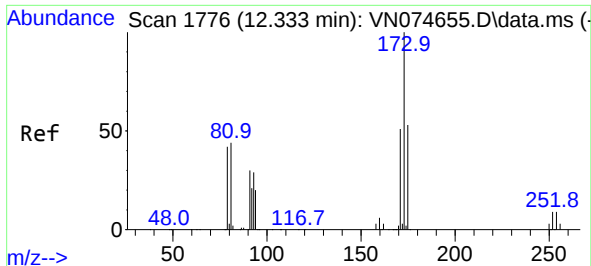
Tgt Ion:106 Resp: 893878  
Ion Ratio Lower Upper  
106 100  
91 216.4 106.0 318.0



#70  
Styrene  
Concen: 53.644 ug/l  
RT: 12.169 min Scan# 1748  
Delta R.T. 0.001 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion:104 Resp: 1489813  
Ion Ratio Lower Upper  
104 100  
78 51.1 39.5 59.3  
103 55.9 44.0 66.0

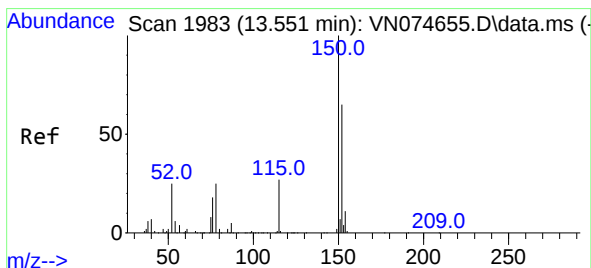
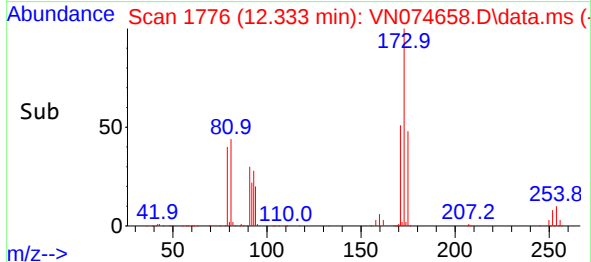
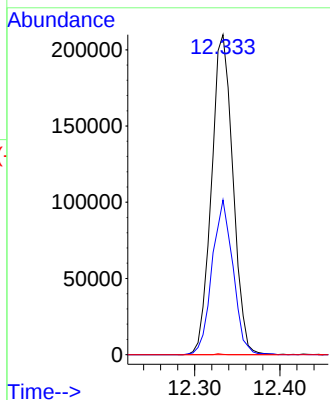
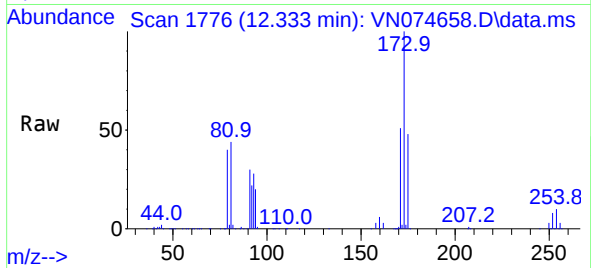




#71  
Bromoform  
Concen: 52.475 ug/l  
RT: 12.333 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

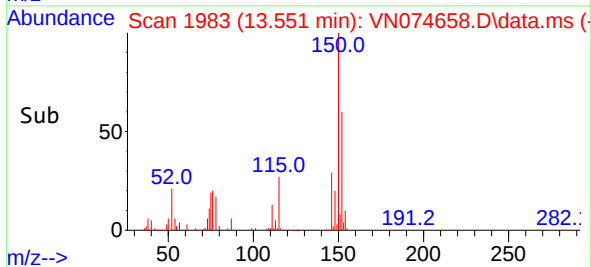
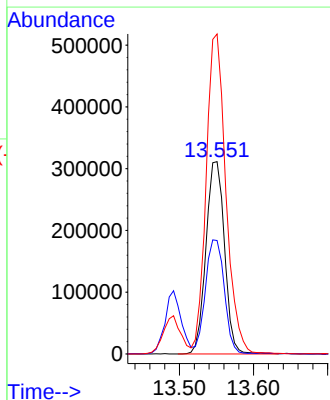
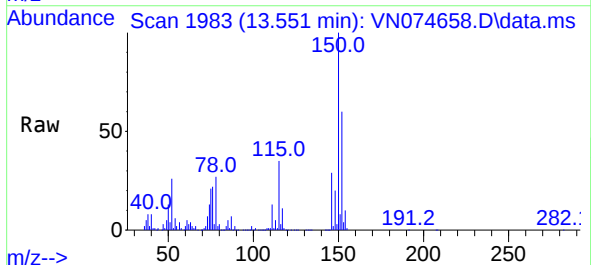
Instrument :  
MSVOA\_N  
ClientSampleId :

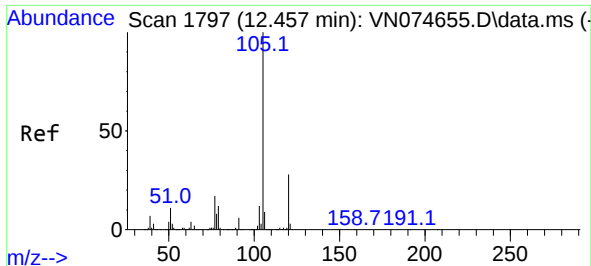
Tgt Ion:173 Resp: 367049  
Ion Ratio Lower Upper  
173 100  
175 47.3 24.6 73.6  
254 0.1 0.1 0.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.551 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion:152 Resp: 542419  
Ion Ratio Lower Upper  
152 100  
115 59.9 28.9 86.7  
150 176.9 0.0 356.2

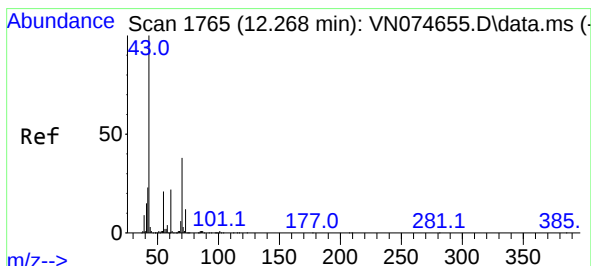
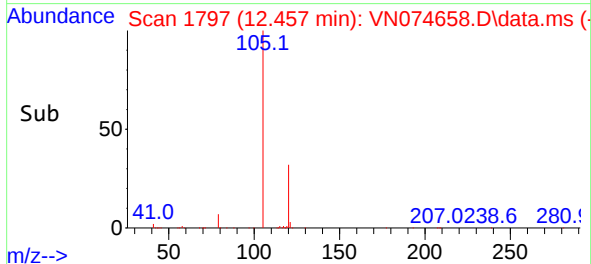
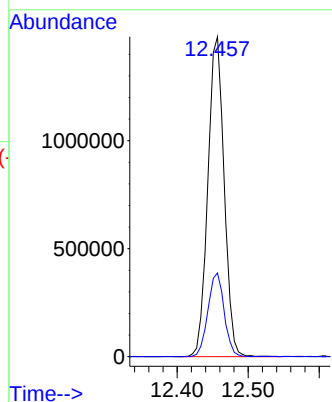
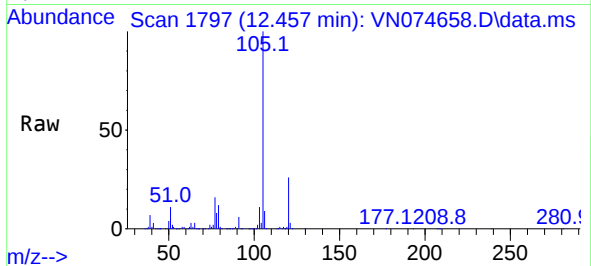




#73  
Isopropylbenzene  
Concen: 46.460 ug/l  
RT: 12.457 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

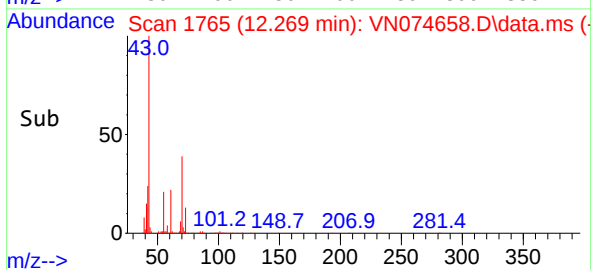
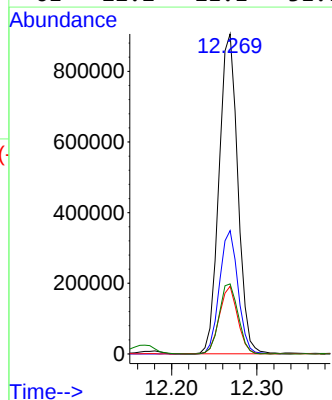
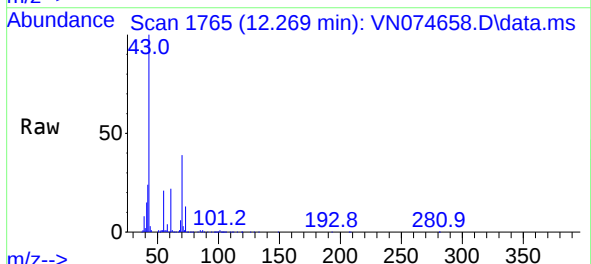
Instrument :  
MSVOA\_N  
ClientSampleId :

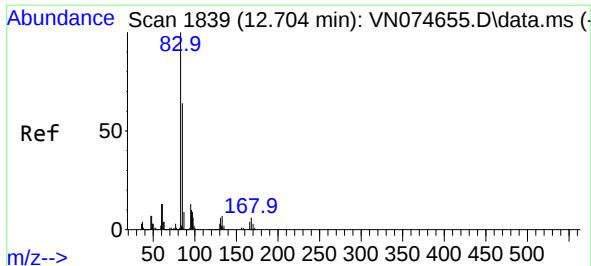
Tgt Ion:105 Resp: 2360712  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.5 40.4



#74  
N-ethyl acetate  
Concen: 52.138 ug/l  
RT: 12.269 min Scan# 1765  
Delta R.T. 0.001 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion: 43 Resp: 1385920  
Ion Ratio Lower Upper  
43 100  
70 38.1 39.0 58.4#  
55 20.8 21.1 31.7#  
61 22.2 21.1 31.7

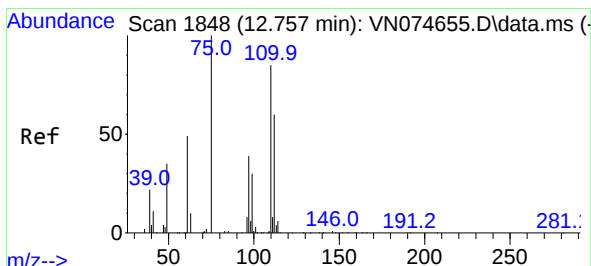
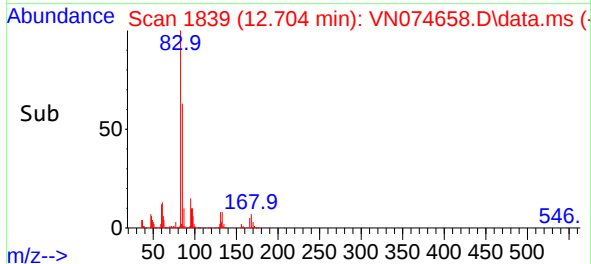
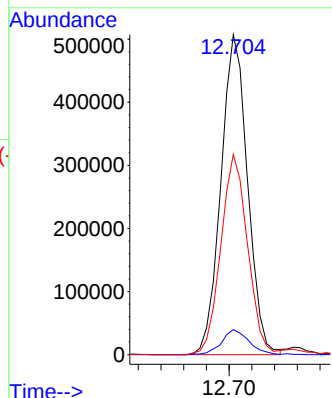
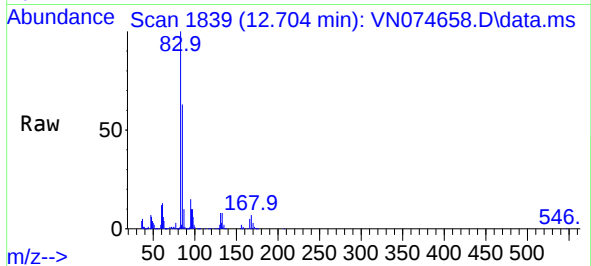




#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.058 ug/l  
RT: 12.704 min Scan# 1839  
Delta R.T. -0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

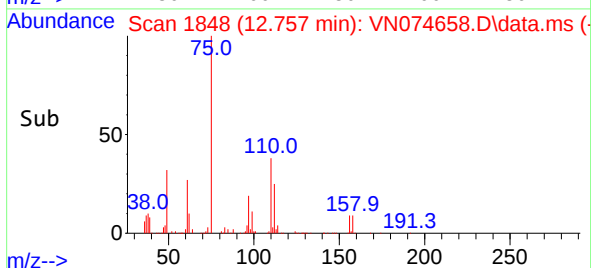
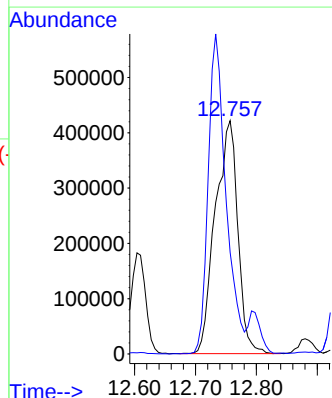
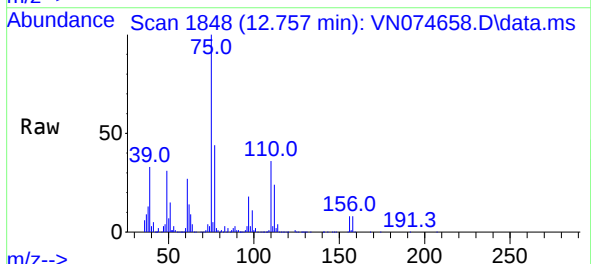
Instrument :  
MSVOA\_N  
ClientSampleId :

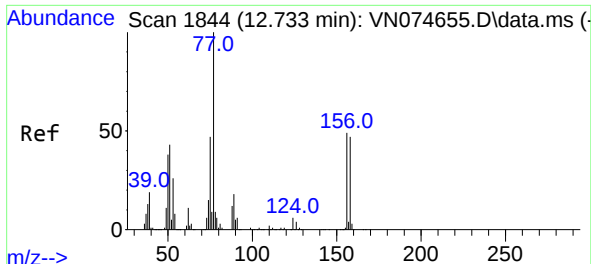
Tgt Ion: 83 Resp: 826813  
Ion Ratio Lower Upper  
83 100  
131 8.1 5.3 15.9  
85 62.8 32.3 96.9



#76  
1,2,3-Trichloropropane  
Concen: 91.859 ug/l  
RT: 12.757 min Scan# 1848  
Delta R.T. -0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion: 75 Resp: 1084292  
Ion Ratio Lower Upper  
75 100  
77 0.0 98.5 295.5#

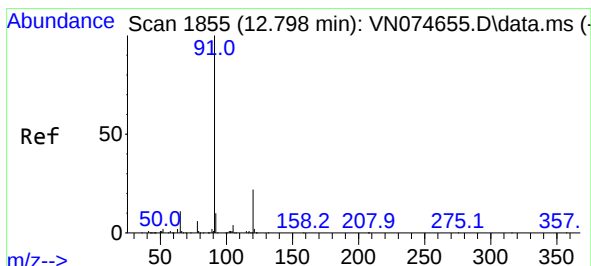
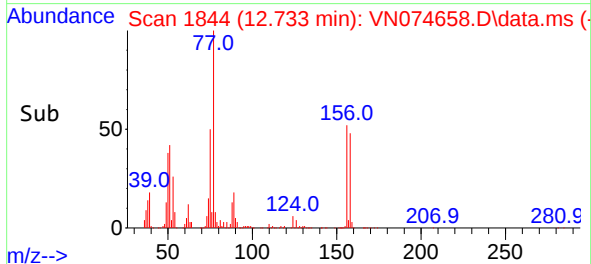
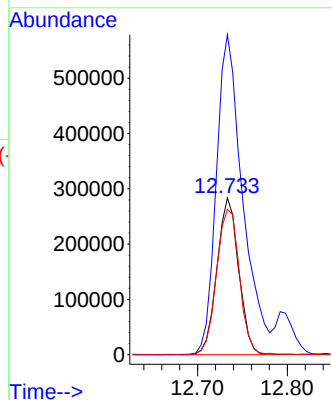
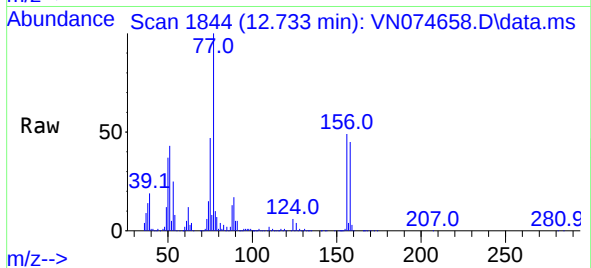




#77  
Bromobenzene  
Concen: 50.965 ug/l  
RT: 12.733 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

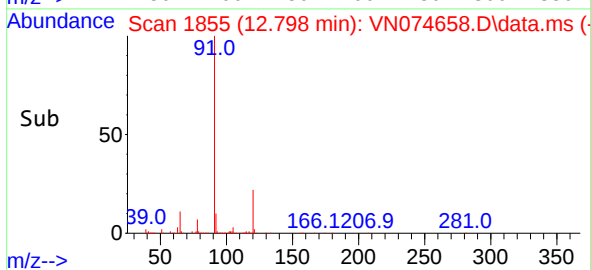
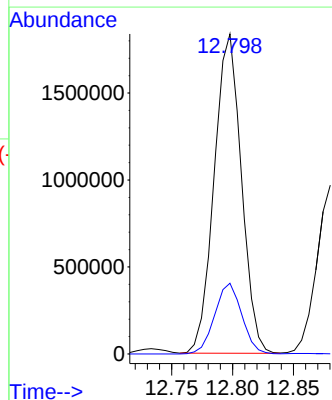
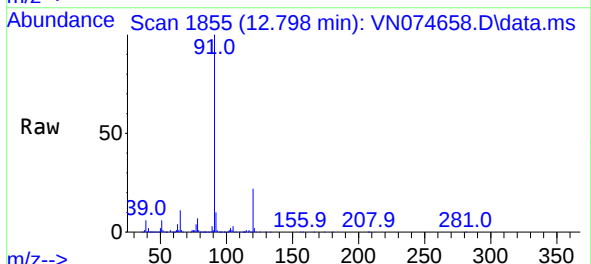
Instrument :  
MSVOA\_N  
ClientSampleId :

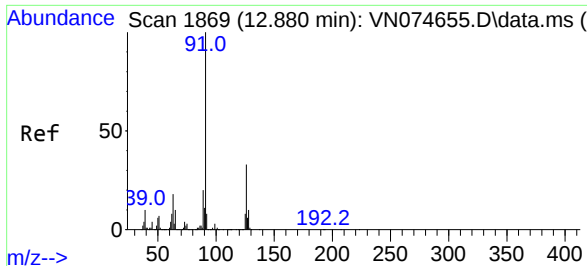
Tgt Ion:156 Resp: 476643  
Ion Ratio Lower Upper  
156 100  
77 247.1 100.5 301.5  
158 97.7 48.9 146.6



#78  
n-propylbenzene  
Concen: 48.675 ug/l  
RT: 12.798 min Scan# 1855  
Delta R.T. -0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion: 91 Resp: 2852843  
Ion Ratio Lower Upper  
91 100  
120 22.1 11.9 35.5

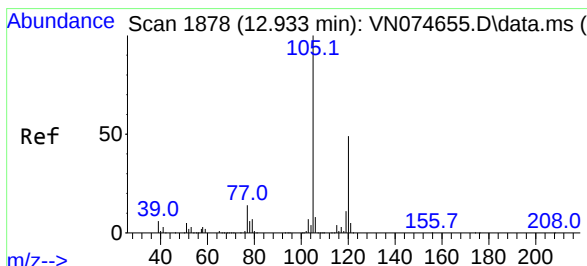
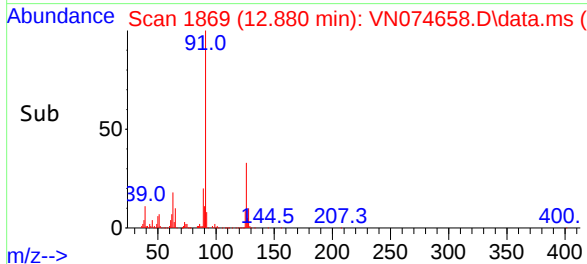
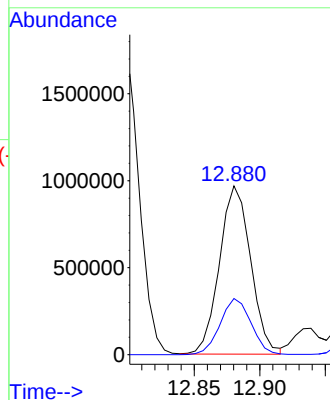
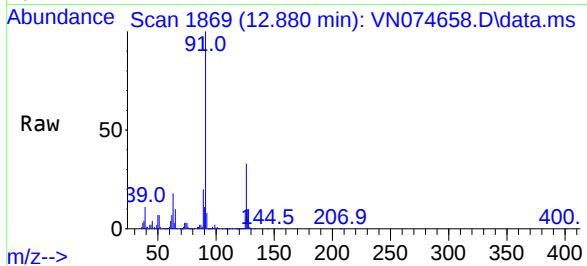




#79  
2-Chlorotoluene  
Concen: 45.491 ug/l  
RT: 12.880 min Scan# 1869  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

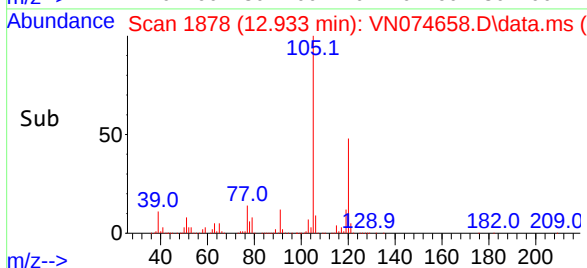
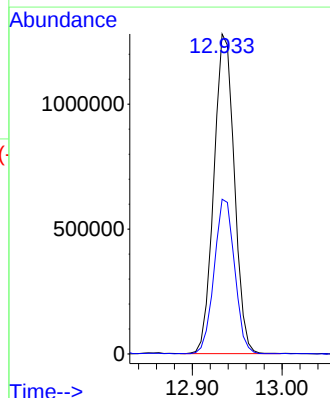
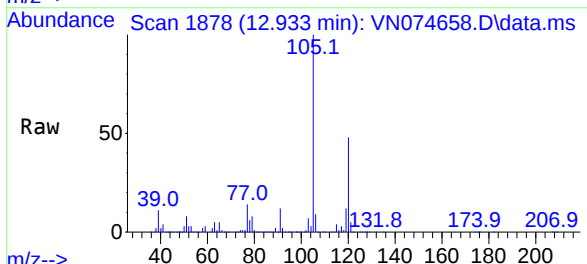
Instrument :  
MSVOA\_N  
ClientSampleId :

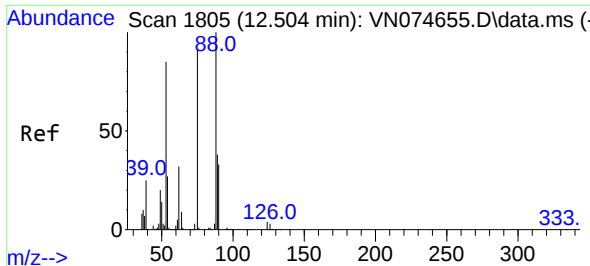
Tgt Ion: 91 Resp: 1602210  
Ion Ratio Lower Upper  
91 100  
126 33.2 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 49.924 ug/l  
RT: 12.933 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion: 105 Resp: 2024242  
Ion Ratio Lower Upper  
105 100  
120 48.4 24.9 74.7

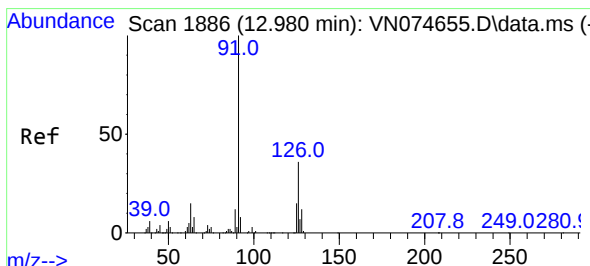
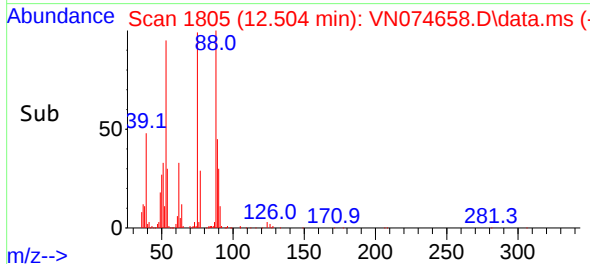
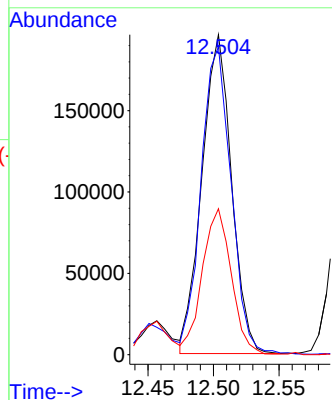
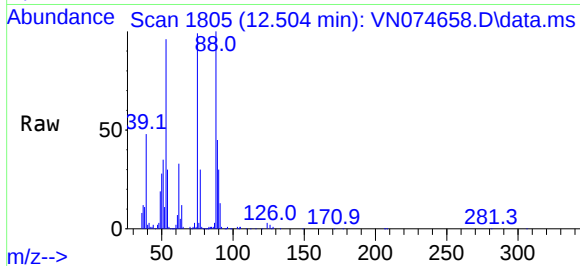




#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.390 ug/l  
RT: 12.504 min Scan# 1805  
Delta R.T. -0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

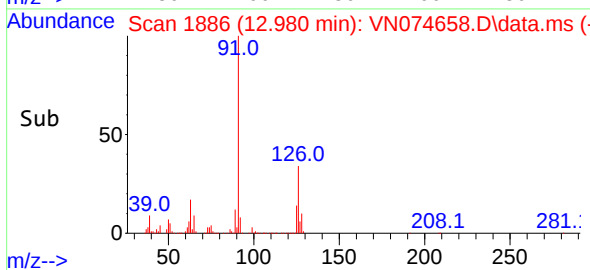
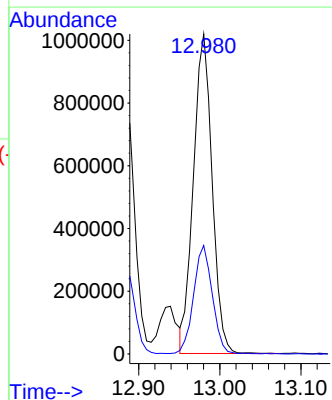
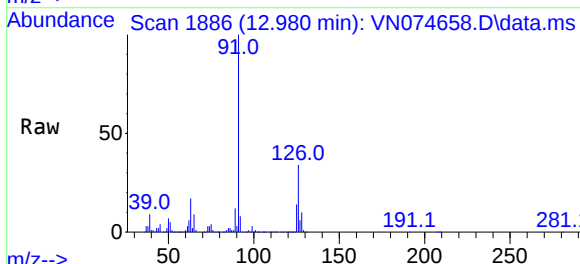
Instrument :  
MSVOA\_N  
ClientSampleId :

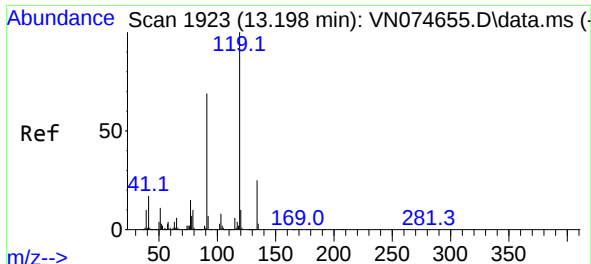
Tgt Ion: 75 Resp: 307598  
Ion Ratio Lower Upper  
75 100  
53 98.3 78.0 117.0  
89 44.8 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 49.804 ug/l  
RT: 12.980 min Scan# 1886  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion: 91 Resp: 1632432  
Ion Ratio Lower Upper  
91 100  
126 33.9 17.2 51.6

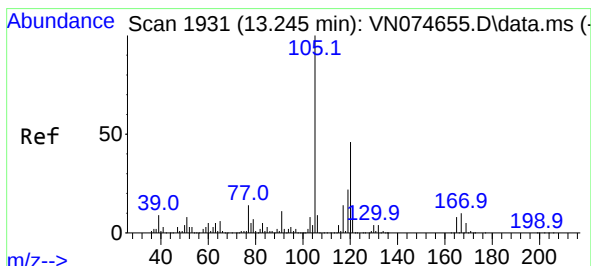
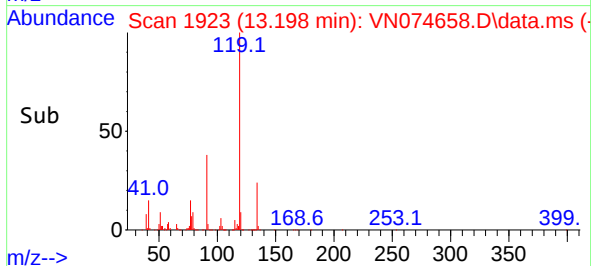
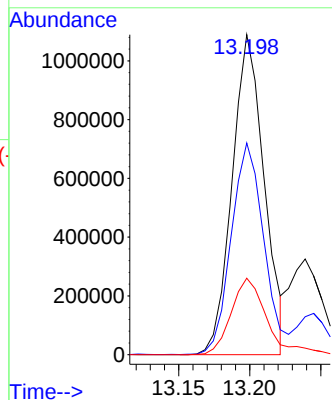
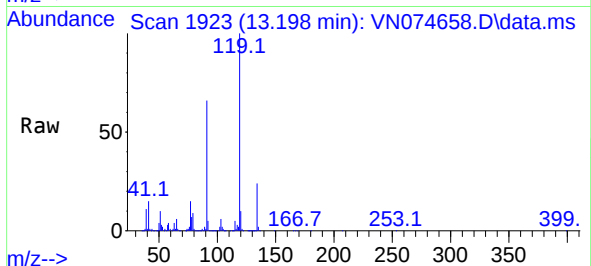




#83  
tert-Butylbenzene  
Concen: 47.228 ug/l  
RT: 13.198 min Scan# 1923  
Delta R.T. -0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

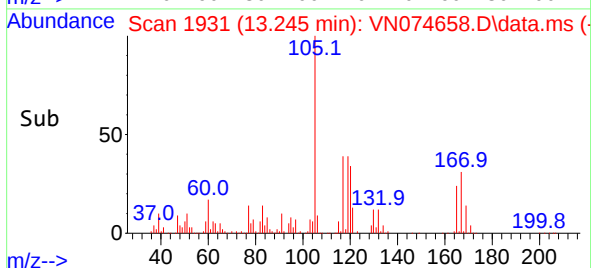
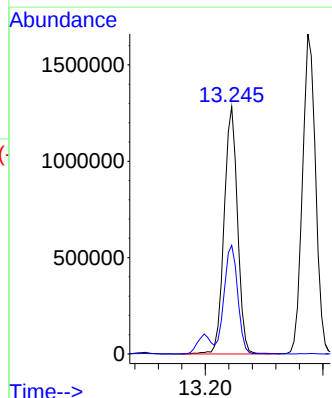
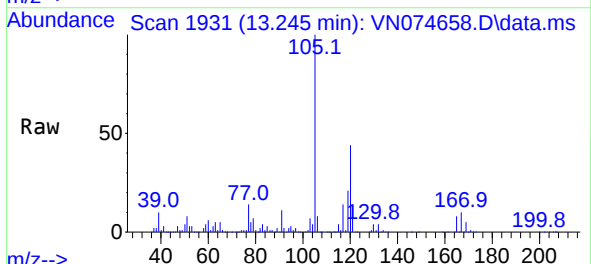
Instrument :  
MSVOA\_N  
ClientSampleId :

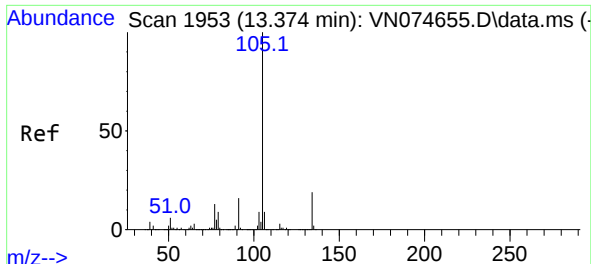
Tgt Ion:119 Resp: 1710240  
Ion Ratio Lower Upper  
119 100  
91 67.5 31.6 94.8  
134 26.6 13.7 41.1



#84  
1,2,4-Trimethylbenzene  
Concen: 50.036 ug/l  
RT: 13.245 min Scan# 1931  
Delta R.T. -0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion:105 Resp: 2026074  
Ion Ratio Lower Upper  
105 100  
120 44.6 23.3 69.8

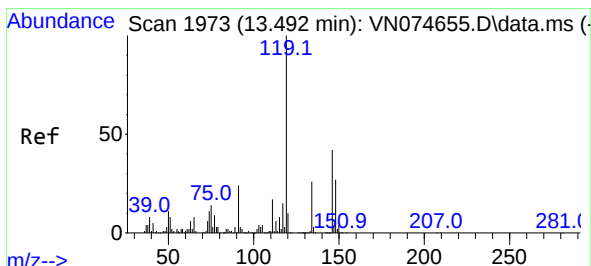
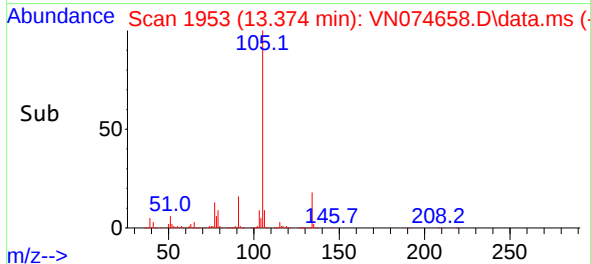
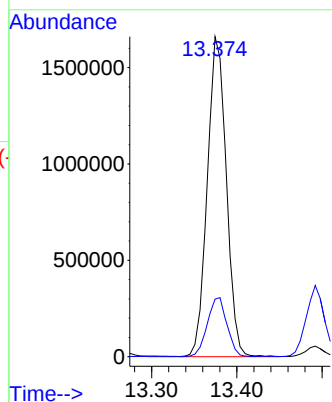
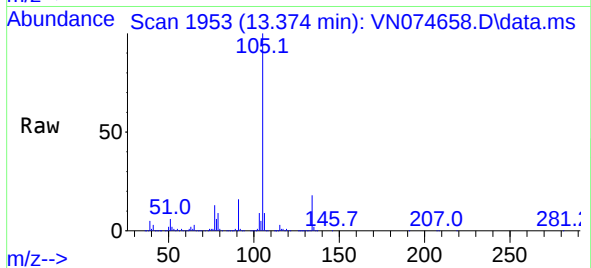




#85  
 sec-Butylbenzene  
 Concen: 50.603 ug/l  
 RT: 13.374 min Scan# 1953  
 Delta R.T. 0.000 min  
 Lab File: VN074658.D  
 Acq: 29 Sep 2022 17:20

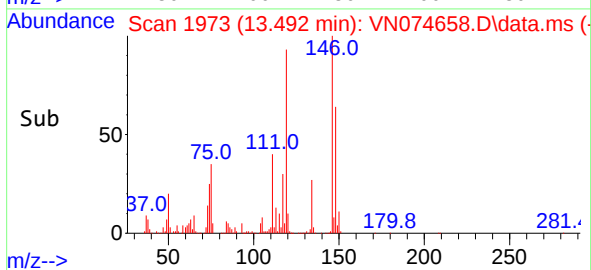
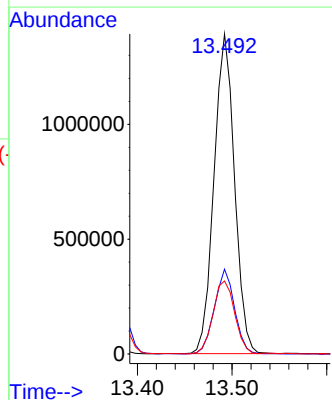
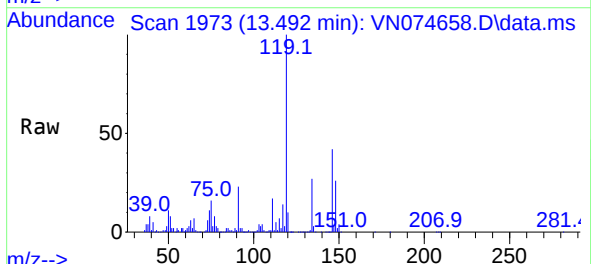
Instrument :  
 MSVOA\_N  
 ClientSampleId :

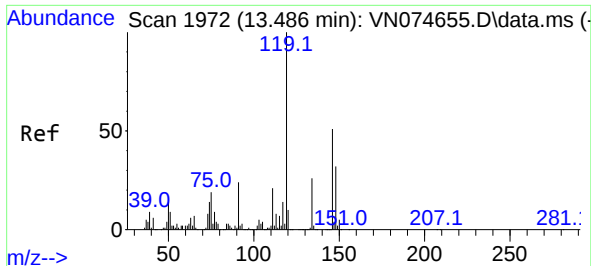
Tgt Ion:105 Resp: 2575094  
 Ion Ratio Lower Upper  
 105 100  
 134 19.1 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 51.972 ug/l  
 RT: 13.492 min Scan# 1973  
 Delta R.T. -0.000 min  
 Lab File: VN074658.D  
 Acq: 29 Sep 2022 17:20

Tgt Ion:119 Resp: 2095264  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 13.3 39.8  
 91 24.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 49.415 ug/l

RT: 13.486 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VN074658.D

Acq: 29 Sep 2022 17:20

Instrument :

MSVOA\_N

ClientSampleId :

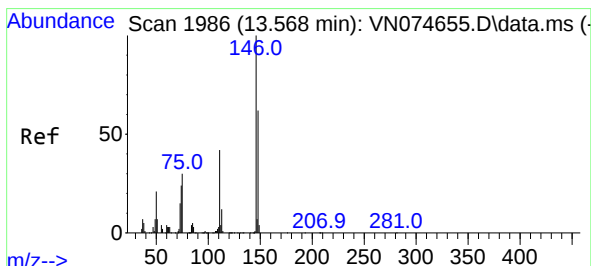
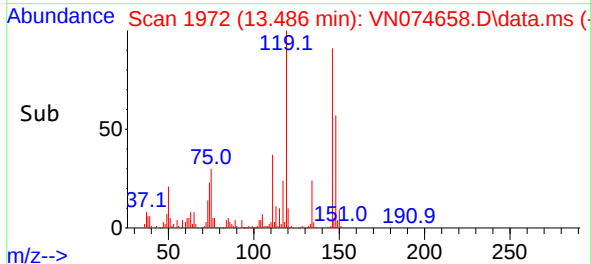
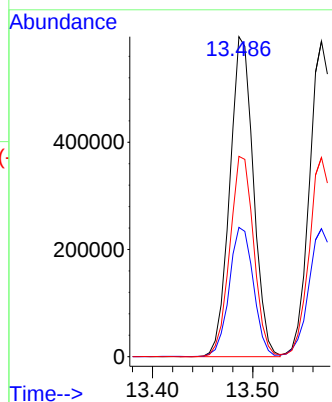
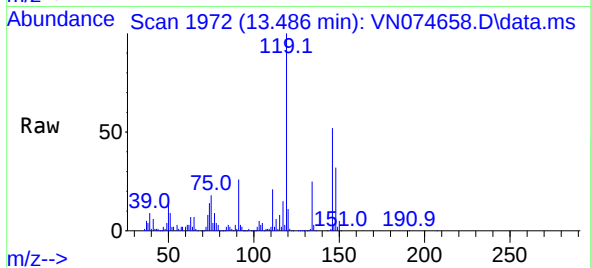
Tgt Ion:146 Resp: 976014

Ion Ratio Lower Upper

146 100

111 41.4 20.0 60.0

148 63.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 49.293 ug/l

RT: 13.568 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN074658.D

Acq: 29 Sep 2022 17:20

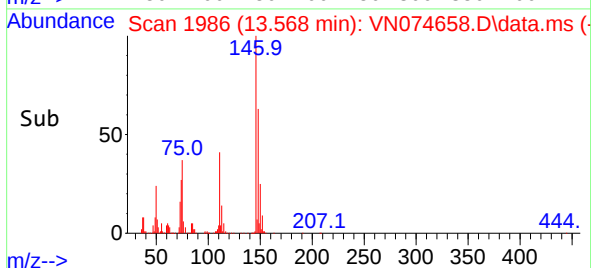
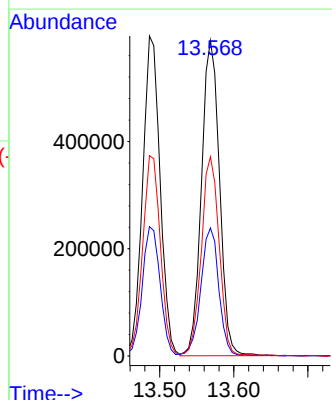
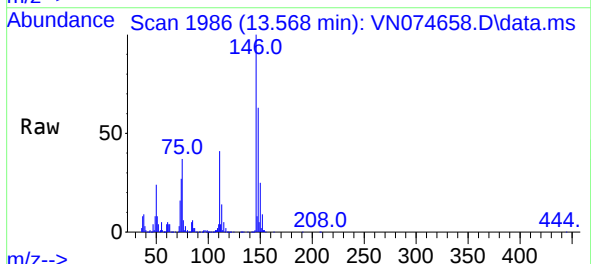
Tgt Ion:146 Resp: 995064

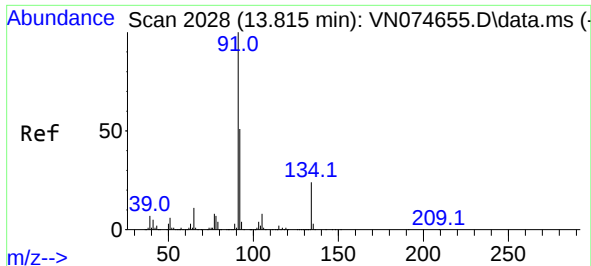
Ion Ratio Lower Upper

146 100

111 40.7 19.1 57.1

148 62.3 31.4 94.3

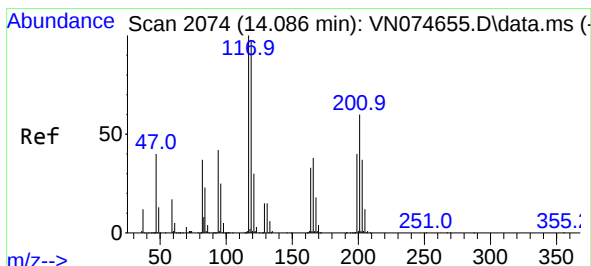
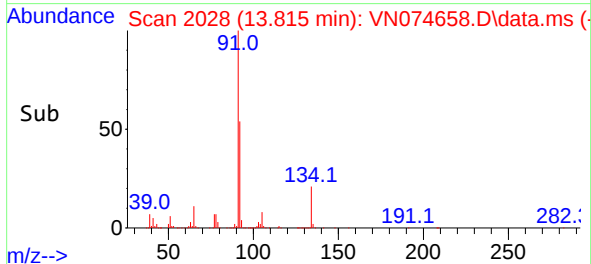
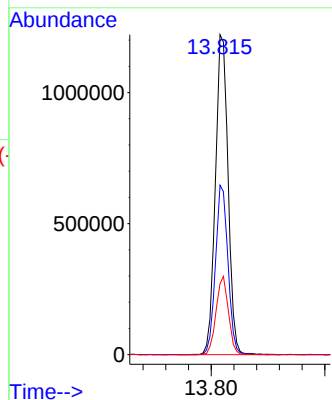
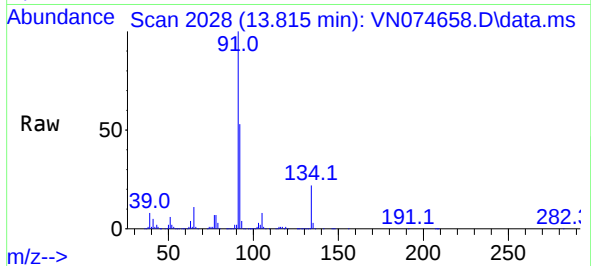




#89  
n-Butylbenzene  
Concen: 53.132 ug/l  
RT: 13.815 min Scan# 2028  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

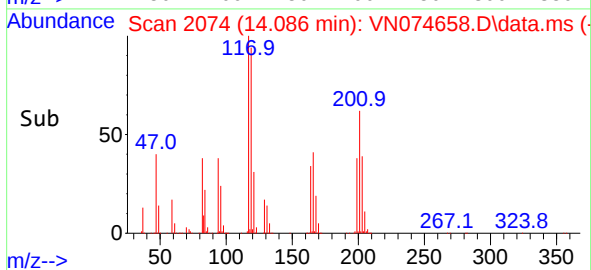
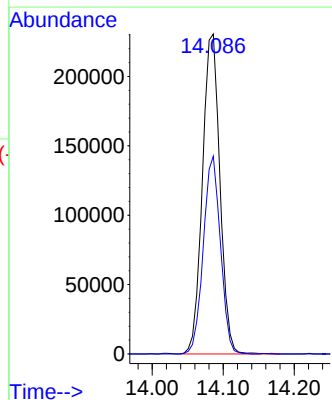
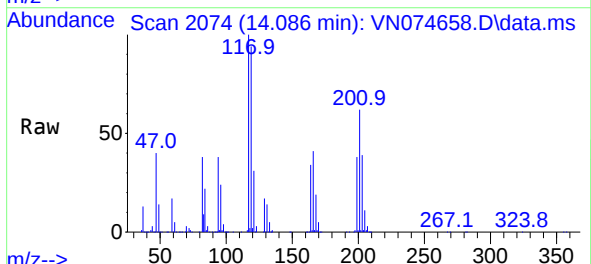
Instrument :  
MSVOA\_N  
ClientSampleId :

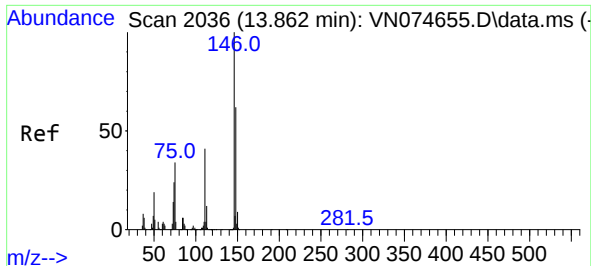
Tgt Ion: 91 Resp: 1889801  
Ion Ratio Lower Upper  
91 100  
92 52.1 26.9 80.7  
134 23.8 13.6 40.8



#90  
Hexachloroethane  
Concen: 45.615 ug/l  
RT: 14.086 min Scan# 2074  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion: 117 Resp: 395712  
Ion Ratio Lower Upper  
117 100  
201 60.5 40.6 122.0

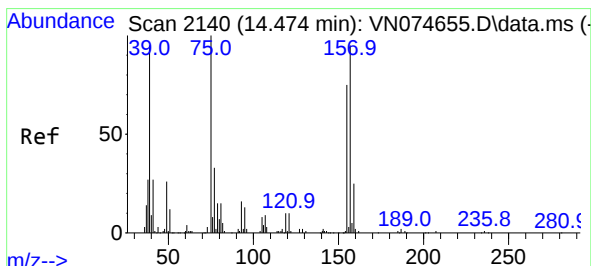
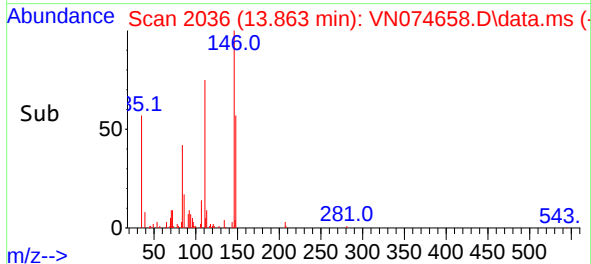
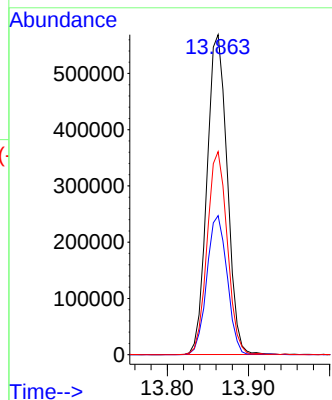
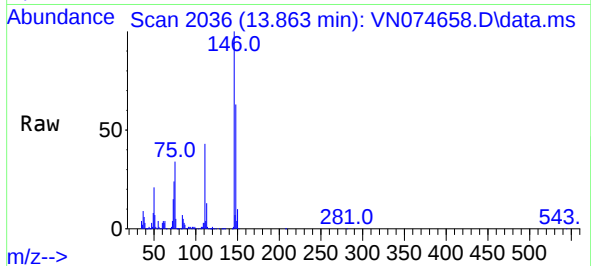




#91  
1,2-Dichlorobenzene  
Concen: 47.767 ug/l  
RT: 13.863 min Scan# 2036  
Delta R.T. 0.001 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

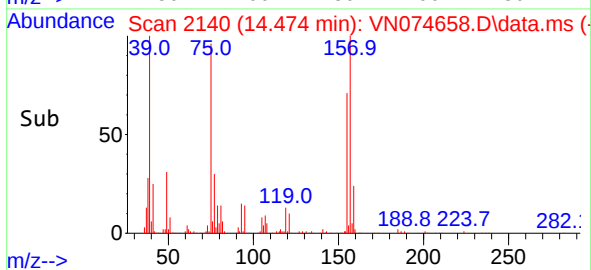
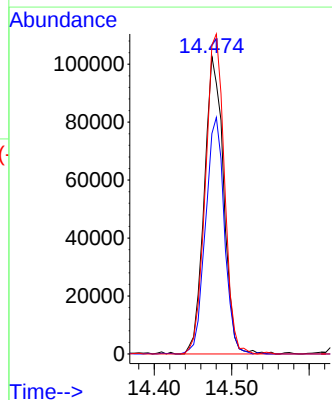
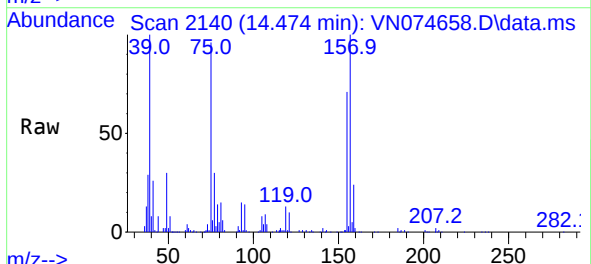
Instrument :  
MSVOA\_N  
ClientSampleId :

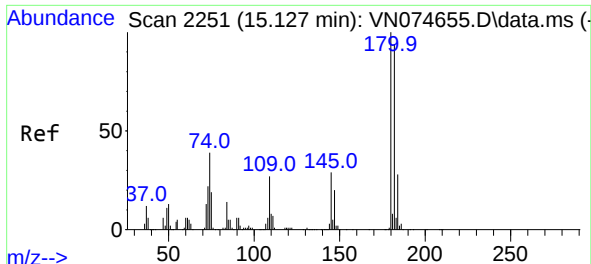
Tgt Ion:146 Resp: 984547  
Ion Ratio Lower Upper  
146 100  
111 43.8 20.9 62.8  
148 63.3 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 45.606 ug/l  
RT: 14.474 min Scan# 2140  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

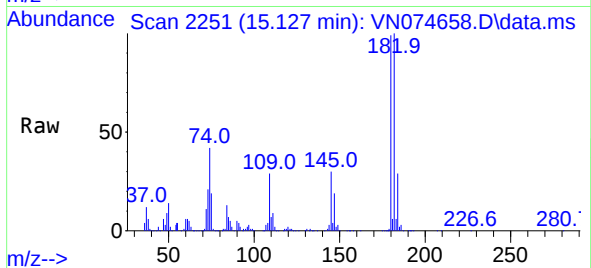
Tgt Ion: 75 Resp: 177652  
Ion Ratio Lower Upper  
75 100  
155 77.6 44.9 134.5  
157 105.4 59.0 176.8





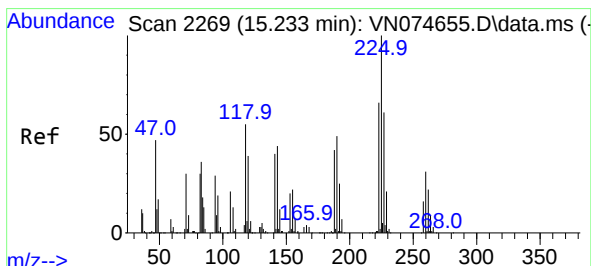
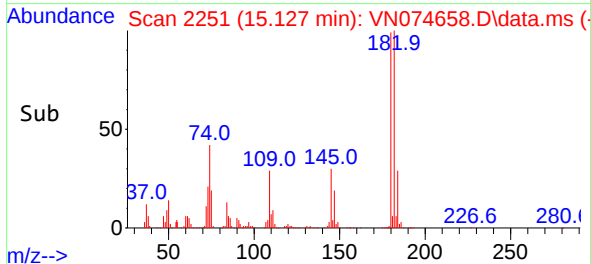
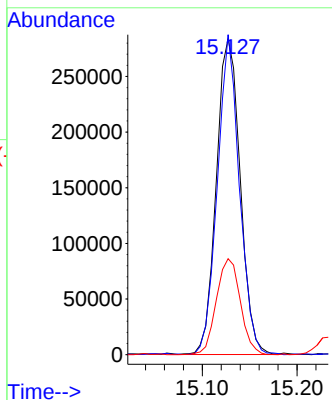
#93  
 1,2,4-Trichlorobenzene  
 Concen: 53.960 ug/l  
 RT: 15.127 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN074658.D  
 Acq: 29 Sep 2022 17:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion:180 Resp: 496876  

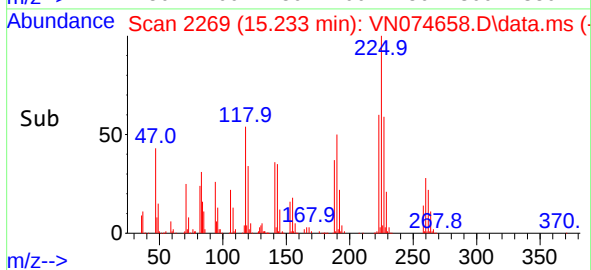
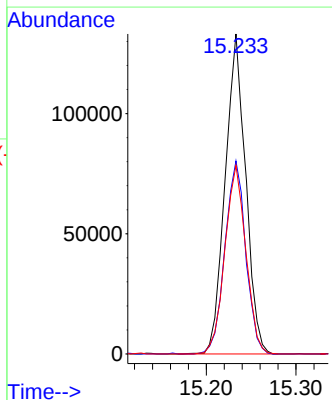
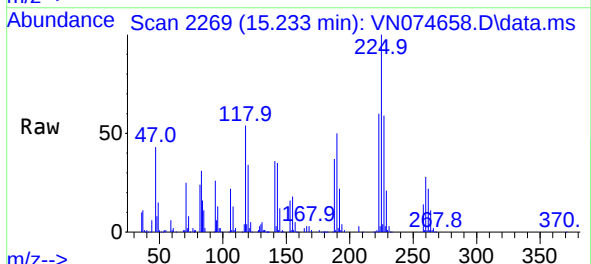
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 93.2  | 47.5  | 142.5 |
| 145 | 30.6  | 14.5  | 43.5  |

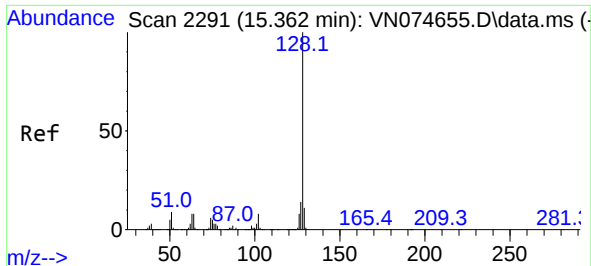


#94  
 Hexachlorobutadiene  
 Concen: 55.061 ug/l  
 RT: 15.233 min Scan# 2269  
 Delta R.T. 0.000 min  
 Lab File: VN074658.D  
 Acq: 29 Sep 2022 17:20

Tgt Ion:225 Resp: 211217  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 61.1  | 32.4  | 97.2  |
| 227 | 60.3  | 31.8  | 95.4  |

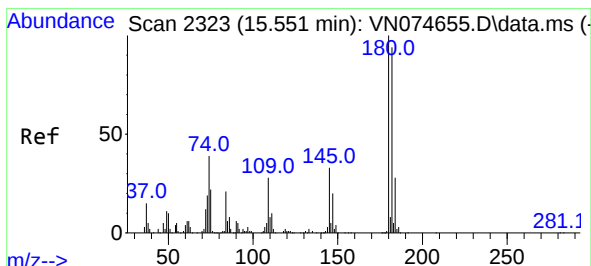
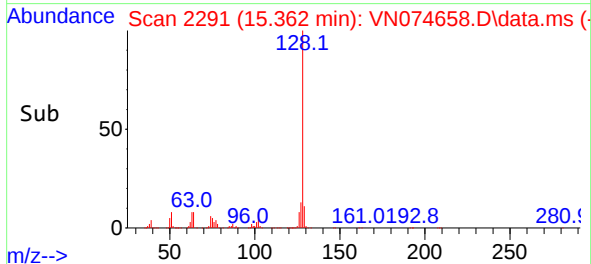
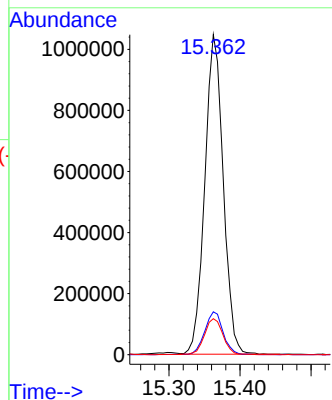
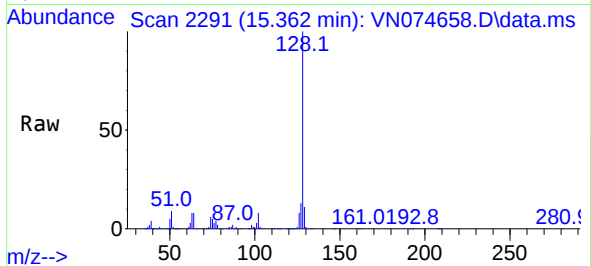




#95  
Naphthalene  
Concen: 52.476 ug/l  
RT: 15.362 min Scan# 2291  
Delta R.T. 0.000 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 1890635  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.3 15.5  
129 11.4 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 51.494 ug/l  
RT: 15.557 min Scan# 2324  
Delta R.T. 0.006 min  
Lab File: VN074658.D  
Acq: 29 Sep 2022 17:20

Tgt Ion:180 Resp: 472042  
Ion Ratio Lower Upper  
180 100  
182 93.9 47.8 143.3  
145 32.5 15.5 46.5

