

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092122\  
 Data File : VN074605.D  
 Acq On : 21 Sep 2022 11:37  
 Operator : JC\MD  
 Sample : VN0921WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0921WBS01

Quant Time: Sep 22 06:56:32 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091522W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 15 19:20:33 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.010  | 168   | 275511   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.898  | 114   | 508549   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.680 | 117   | 458174   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.615 | 152   | 202175   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.363  | 65    | 236598   | 50.612   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 101.220% |
| 35) Dibromofluoromethane     | 7.945  | 113   | 189761   | 56.172   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 112.340% |
| 50) Toluene-d8               | 10.380 | 98    | 704692   | 53.938   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 107.880% |
| 62) 4-Bromofluorobenzene     | 12.674 | 95    | 233138   | 52.102   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 104.200% |
| Target Compounds             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.040  | 85    | 48596    | 16.207   | ug/l   | 86       |
| 3) Chloromethane             | 2.263  | 50    | 108388   | 21.638   | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.410  | 62    | 132377   | 24.527   | ug/l   | 94       |
| 5) Bromomethane              | 2.787  | 94    | 106993   | 37.590   | ug/l   | 89       |
| 6) Chloroethane              | 2.951  | 64    | 115917   | 31.442   | ug/l   | 93       |
| 7) Trichlorofluoromethane    | 3.316  | 101   | 112520   | 18.878   | ug/l   | 92       |
| 8) Diethyl Ether             | 3.757  | 74    | 57372    | 18.876   | ug/l   | 69       |
| 9) 1,1,2-Trichlorotrifluo... | 4.140  | 101   | 72223    | 19.586   | ug/l # | 89       |
| 10) Methyl Iodide            | 4.345  | 142   | 83422    | 19.178   | ug/l # | 94       |
| 11) Tert butyl alcohol       | 5.281  | 59    | 131392   | 86.283   | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 4.104  | 96    | 66405    | 18.718   | ug/l   | 93       |
| 13) Acrolein                 | 3.981  | 56    | 39066    | 70.249   | ug/l   | 96       |
| 14) Allyl chloride           | 4.745  | 41    | 169151   | 19.523   | ug/l # | 93       |
| 15) Acrylonitrile            | 5.469  | 53    | 349845   | 102.259  | ug/l   | 98       |
| 16) Acetone                  | 4.216  | 43    | 288715   | 96.517   | ug/l   | 91       |
| 17) Carbon Disulfide         | 4.445  | 76    | 166763   | 16.760   | ug/l   | 98       |
| 18) Methyl Acetate           | 4.769  | 43    | 196582   | 21.158   | ug/l # | 87       |
| 19) Methyl tert-butyl Ether  | 5.528  | 73    | 295685   | 19.335   | ug/l   | 94       |
| 20) Methylene Chloride       | 4.998  | 84    | 94006    | 20.602   | ug/l # | 70       |
| 21) trans-1,2-Dichloroethene | 5.510  | 96    | 76292    | 19.407   | ug/l # | 89       |
| 22) Diisopropyl ether        | 6.404  | 45    | 368098   | 21.157   | ug/l # | 92       |
| 23) Vinyl Acetate            | 6.345  | 43    | 1650543  | 107.559  | ug/l # | 90       |
| 24) 1,1-Dichloroethane       | 6.298  | 63    | 173248   | 19.921   | ug/l   | 97       |
| 25) 2-Butanone               | 7.251  | 43    | 533372   | 107.393  | ug/l # | 84       |
| 26) 2,2-Dichloropropane      | 7.245  | 77    | 134172   | 17.895   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.239  | 96    | 95289    | 18.679   | ug/l   | 87       |
| 28) Bromochloromethane       | 7.575  | 49    | 51189    | 19.972   | ug/l # | 67       |
| 29) Tetrahydrofuran          | 7.604  | 42    | 341461   | 104.568  | ug/l # | 85       |
| 30) Chloroform               | 7.739  | 83    | 165034   | 20.560   | ug/l   | 99       |
| 31) Cyclohexane              | 8.016  | 56    | 152559   | 18.386   | ug/l   | 90       |
| 32) 1,1,1-Trichloroethane    | 7.939  | 97    | 129562   | 18.403   | ug/l # | 92       |
| 36) 1,1-Dichloropropene      | 8.151  | 75    | 117958   | 19.727   | ug/l   | 91       |
| 37) Ethyl Acetate            | 7.334  | 43    | 205174   | 22.218   | ug/l # | 95       |
| 38) Carbon Tetrachloride     | 8.139  | 117   | 110534   | 20.021   | ug/l   | 87       |
| 39) Methylcyclohexane        | 9.392  | 83    | 134880   | 18.970   | ug/l   | 92       |
| 40) Benzene                  | 8.386  | 78    | 386892   | 20.924   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092122\  
 Data File : VN074605.D  
 Acq On : 21 Sep 2022 11:37  
 Operator : JC\MD  
 Sample : VN0921WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0921WBS01

Quant Time: Sep 22 06:56:32 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091522W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 15 19:20:33 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.569  | 41   | 108736   | 24.356  | ug/l # | 80       |
| 42) 1,2-Dichloroethane        | 8.463  | 62   | 140355   | 22.120  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.492  | 43   | 325287   | 22.488  | ug/l # | 87       |
| 44) Trichloroethene           | 9.151  | 130  | 80443    | 20.106  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.422  | 63   | 108478   | 21.347  | ug/l   | 99       |
| 46) Dibromomethane            | 9.510  | 93   | 69212    | 21.747  | ug/l # | 82       |
| 47) Bromodichloromethane      | 9.698  | 83   | 131829   | 21.127  | ug/l   | 92       |
| 48) Methyl methacrylate       | 9.492  | 41   | 138279   | 21.560  | ug/l # | 82       |
| 49) 1,4-Dioxane               | 9.504  | 88   | 51189    | 415.127 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone      | 10.269 | 43   | 1099166  | 116.366 | ug/l   | 87       |
| 52) Toluene                   | 10.445 | 92   | 238628   | 22.008  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.657 | 75   | 146148   | 20.097  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.127 | 75   | 158547   | 20.373  | ug/l # | 87       |
| 55) 1,1,2-Trichloroethane     | 10.839 | 97   | 100863   | 21.961  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.698 | 69   | 168288   | 20.513  | ug/l # | 72       |
| 57) 1,3-Dichloropropane       | 10.986 | 76   | 173381   | 21.531  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.980  | 63   | 347514   | 96.250  | ug/l # | 86       |
| 59) 2-Hexanone                | 11.022 | 43   | 834972   | 115.795 | ug/l   | 85       |
| 60) Dibromochloromethane      | 11.174 | 129  | 90073    | 20.486  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.286 | 107  | 99877    | 22.385  | ug/l   | 93       |
| 64) Tetrachloroethene         | 10.910 | 164  | 63338    | 20.144  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.710 | 112  | 237522   | 20.650  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.780 | 131  | 85144    | 20.374  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.786 | 91   | 449087   | 21.266  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.898 | 106  | 323259   | 41.401  | ug/l   | 92       |
| 69) o-Xylene                  | 12.221 | 106  | 169053   | 21.235  | ug/l   | 97       |
| 70) Styrene                   | 12.233 | 104  | 266278   | 20.108  | ug/l   | 97       |
| 71) Bromoform                 | 12.398 | 173  | 62573    | 20.372  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.521 | 105  | 433916   | 20.961  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.333 | 43   | 266738   | 20.608  | ug/l # | 85       |
| 75) 1,1,2,2-Tetrachloroethane | 12.768 | 83   | 173227   | 20.881  | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane    | 12.827 | 75   | 212123   | 34.086  | ug/l # | 1        |
| 77) Bromobenzene              | 12.804 | 156  | 90812    | 20.536  | ug/l   | 80       |
| 78) n-propylbenzene           | 12.863 | 91   | 518605   | 21.034  | ug/l   | 93       |
| 79) 2-Chlorotoluene           | 12.945 | 91   | 293410   | 19.935  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.004 | 105  | 348362   | 20.643  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.563 | 75   | 49171    | 17.054  | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 13.045 | 91   | 285263   | 20.391  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.263 | 119  | 311686   | 20.295  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.310 | 105  | 357196   | 21.033  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.445 | 105  | 449280   | 21.305  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.557 | 119  | 351651   | 21.390  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.557 | 146  | 165839   | 20.408  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.633 | 146  | 166701   | 20.411  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.886 | 91   | 306656   | 20.695  | ug/l   | 96       |
| 90) Hexachloroethane          | 14.157 | 117  | 69050    | 19.304  | ug/l   | 76       |
| 91) 1,2-Dichlorobenzene       | 13.927 | 146  | 175550   | 20.824  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.545 | 75   | 28993    | 15.827  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.198 | 180  | 79255    | 19.733  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.304 | 225  | 33931    | 19.223  | ug/l   | 98       |
| 95) Naphthalene               | 15.439 | 128  | 311744   | 19.031  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.633 | 180  | 81248    | 20.336  | ug/l   | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092122\  
Data File : VN074605.D  
Acq On : 21 Sep 2022 11:37  
Operator : JC\MD  
Sample : VN0921WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

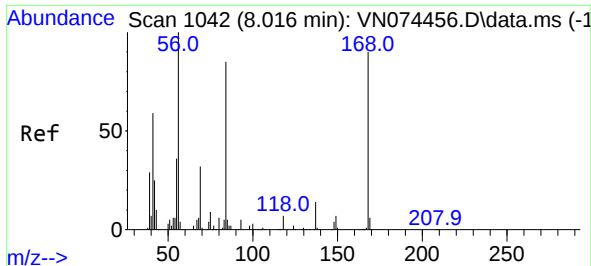
Quant Time: Sep 22 06:56:32 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091522W.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 15 19:20:33 2022  
Response via : Initial Calibration

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

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

Quant Time: Sep 22 06:56:32 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091522W.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 15 19:20:33 2022  
Response via : Initial Calibration

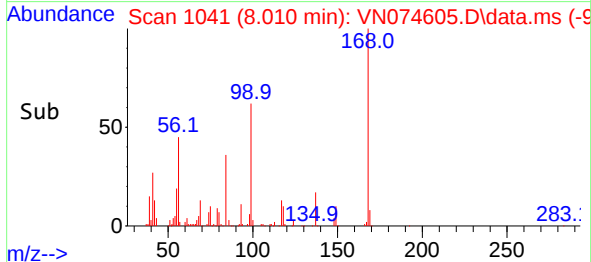
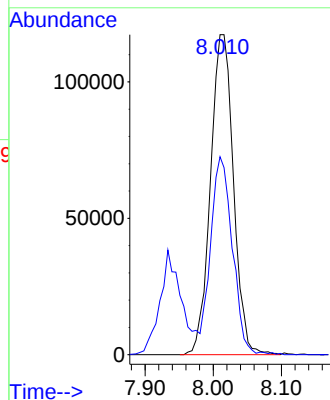
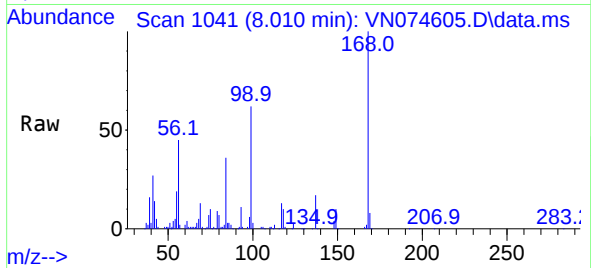




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.010 min Scan# 1042  
Delta R.T. -0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

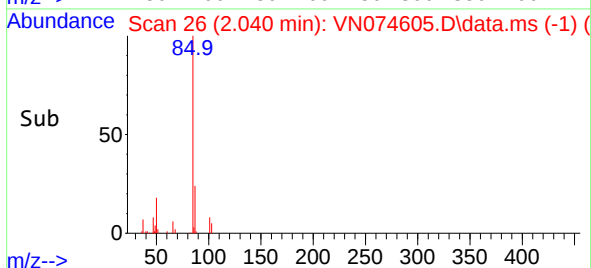
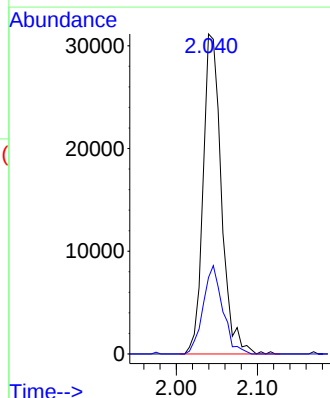
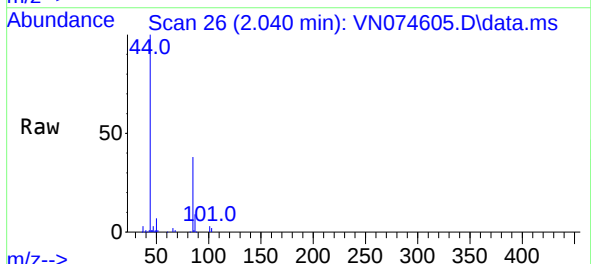
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

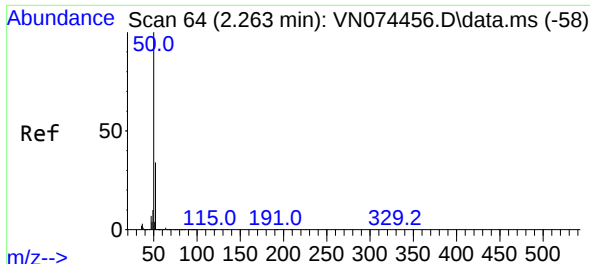
Tgt Ion:168 Resp: 275511  
Ion Ratio Lower Upper  
168 100  
99 61.4 42.3 63.5



#2  
Dichlorodifluoromethane  
Concen: 16.207 ug/l  
RT: 2.040 min Scan# 26  
Delta R.T. -0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 85 Resp: 48596  
Ion Ratio Lower Upper  
85 100  
87 23.9 15.7 47.1

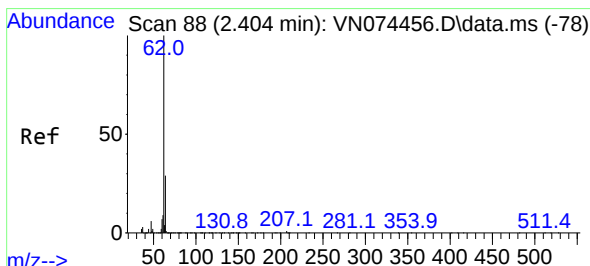
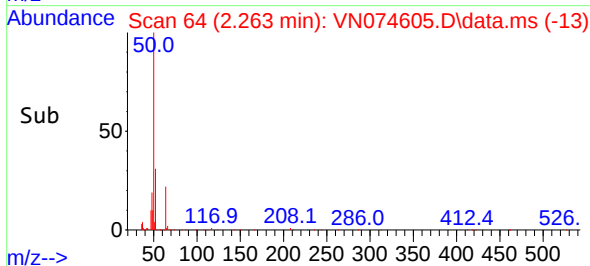
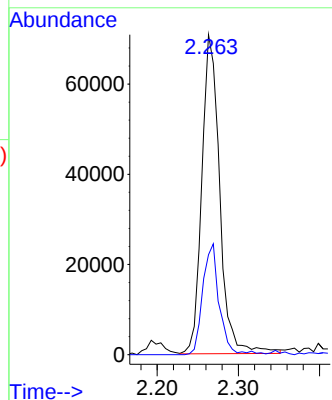
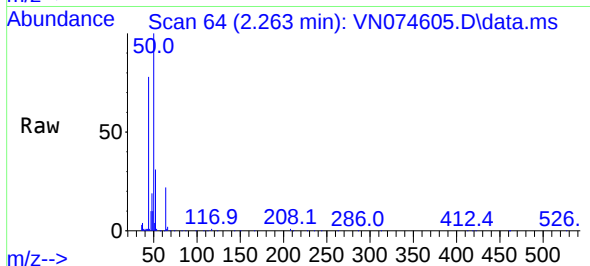




#3  
Chloromethane  
Concen: 21.638 ug/l  
RT: 2.263 min Scan# 64  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

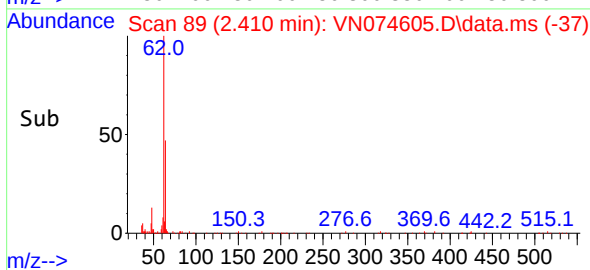
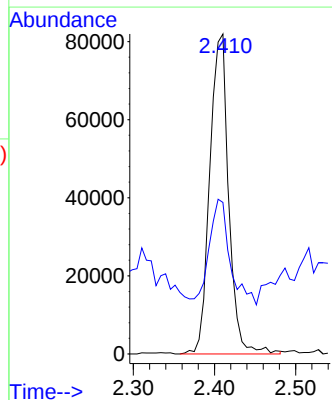
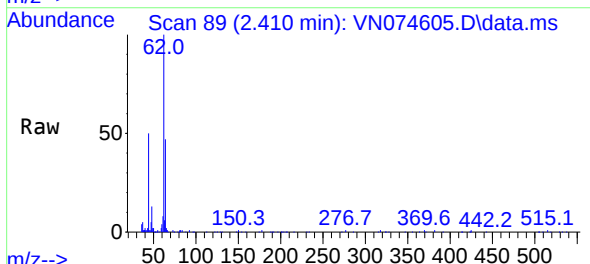
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

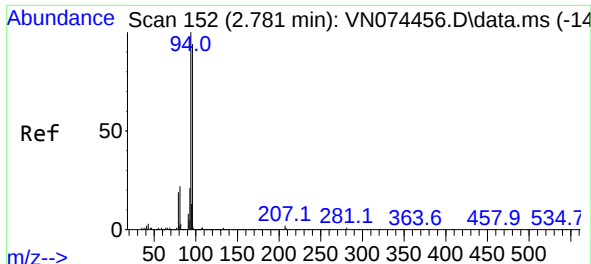
Tgt Ion: 50 Resp: 108388  
Ion Ratio Lower Upper  
50 100  
52 31.4 25.7 38.5



#4  
Vinyl Chloride  
Concen: 24.527 ug/l  
RT: 2.410 min Scan# 89  
Delta R.T. 0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 62 Resp: 132377  
Ion Ratio Lower Upper  
62 100  
64 28.1 25.0 37.4

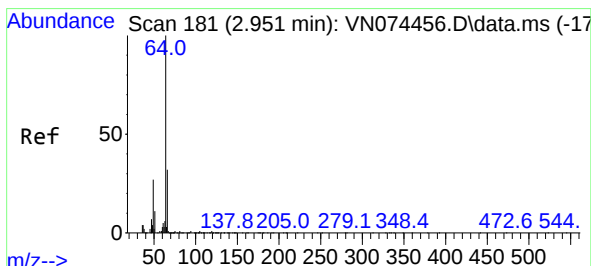
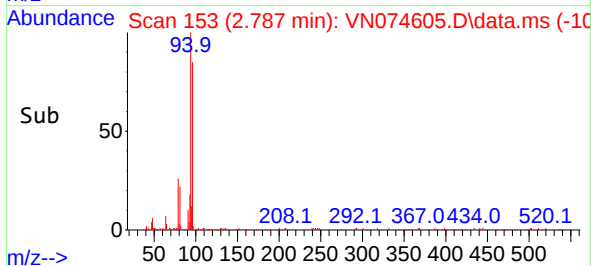
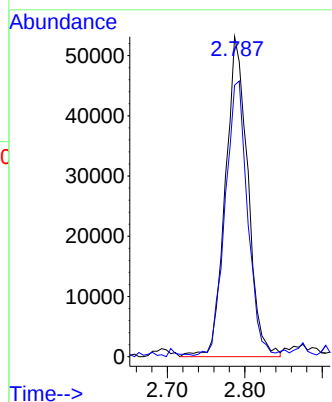
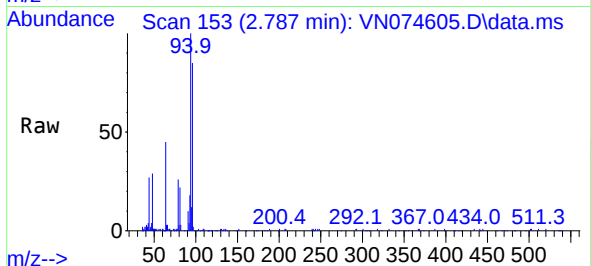




#5  
Bromomethane  
Concen: 37.590 ug/l  
RT: 2.787 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

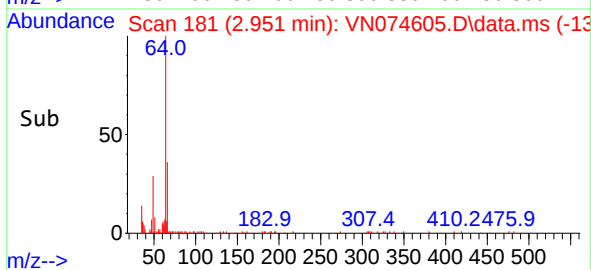
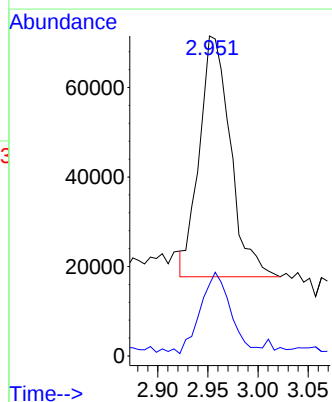
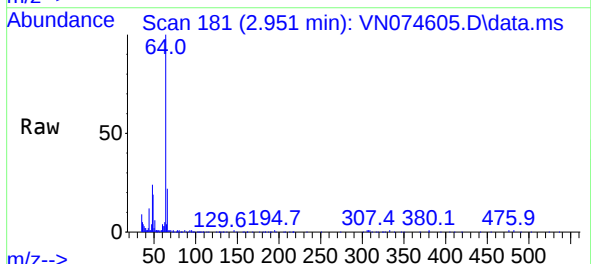
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

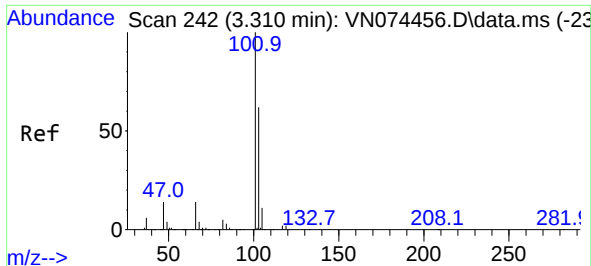
Tgt Ion: 94 Resp: 106993  
Ion Ratio Lower Upper  
94 100  
96 84.1 76.0 114.0



#6  
Chloroethane  
Concen: 31.442 ug/l  
RT: 2.951 min Scan# 181  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 64 Resp: 115917  
Ion Ratio Lower Upper  
64 100  
66 28.7 26.2 39.4

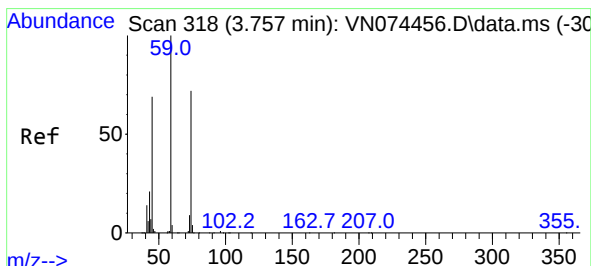
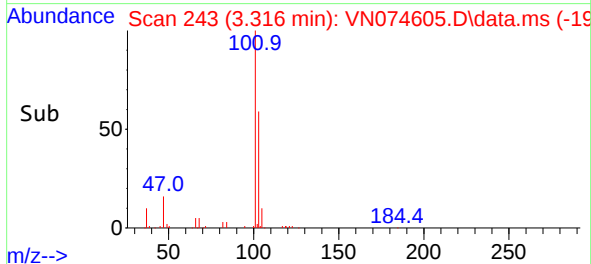
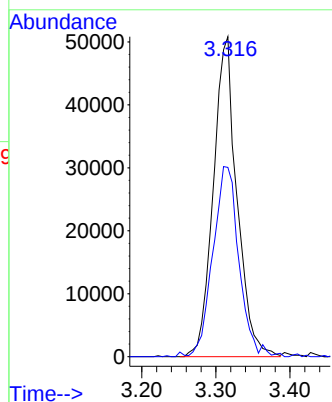
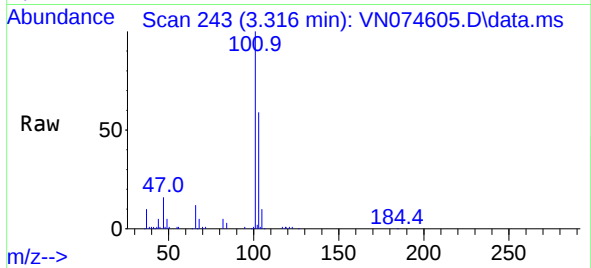




#7  
Trichlorofluoromethane  
Concen: 18.878 ug/l  
RT: 3.316 min Scan# 242  
Delta R.T. 0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

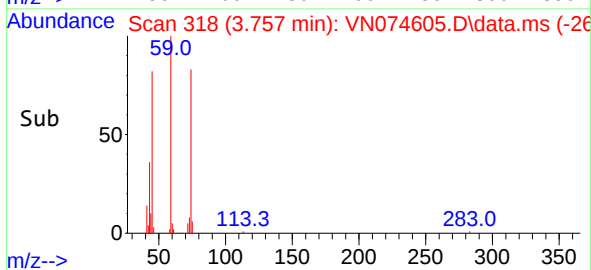
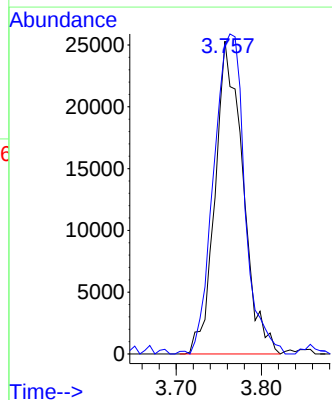
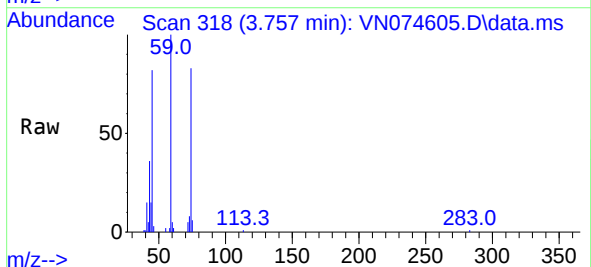
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

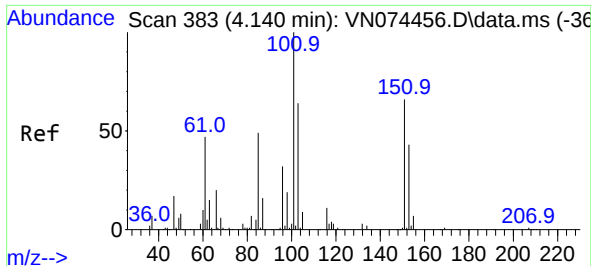
Tgt Ion:101 Resp: 112520  
Ion Ratio Lower Upper  
101 100  
103 58.1 51.5 77.3



#8  
Diethyl Ether  
Concen: 18.876 ug/l  
RT: 3.757 min Scan# 318  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 74 Resp: 57372  
Ion Ratio Lower Upper  
74 100  
45 114.2 42.9 128.5

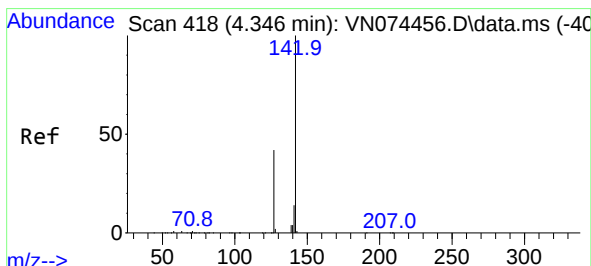
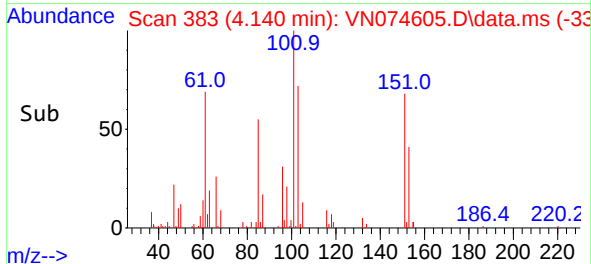
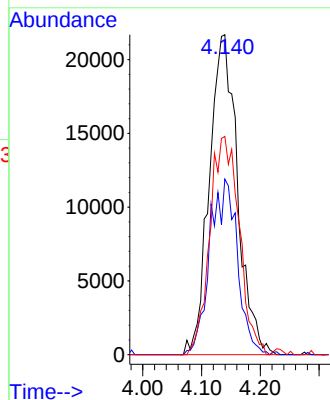
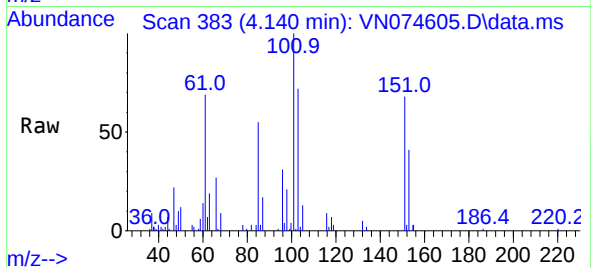




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.586 ug/l  
RT: 4.140 min Scan# 383  
Delta R.T. -0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

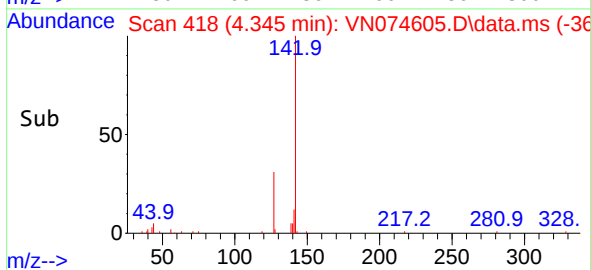
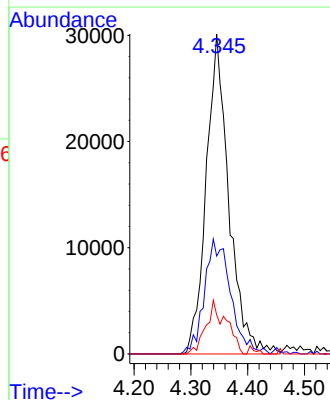
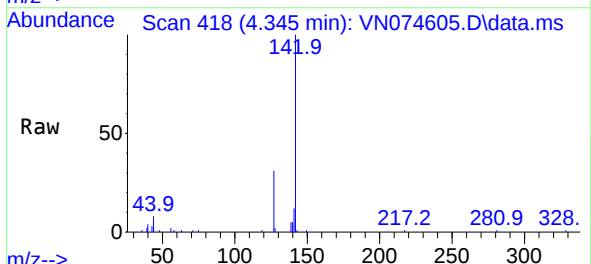
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

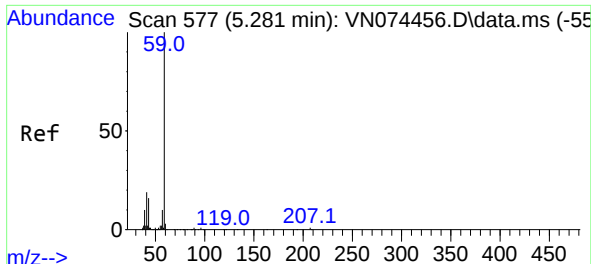
Tgt Ion:101 Resp: 72223  
Ion Ratio Lower Upper  
101 100  
85 53.6 34.7 52.1#  
151 70.9 63.0 94.4



#10  
Methyl Iodide  
Concen: 19.178 ug/l  
RT: 4.345 min Scan# 418  
Delta R.T. -0.001 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion:142 Resp: 83422  
Ion Ratio Lower Upper  
142 100  
127 41.4 31.3 46.9  
141 9.4 11.2 16.8#

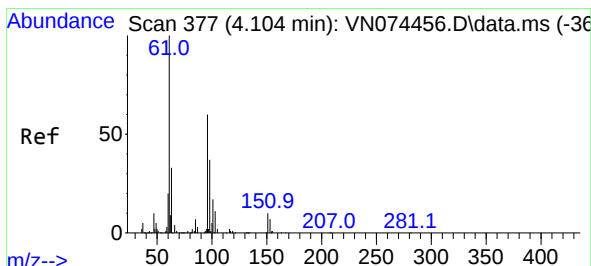
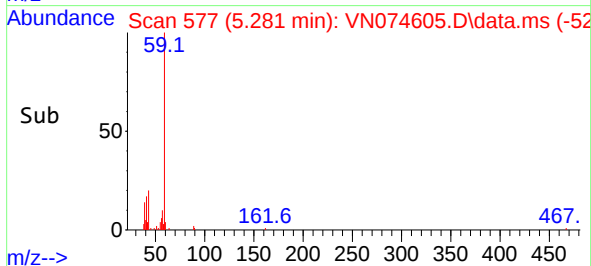
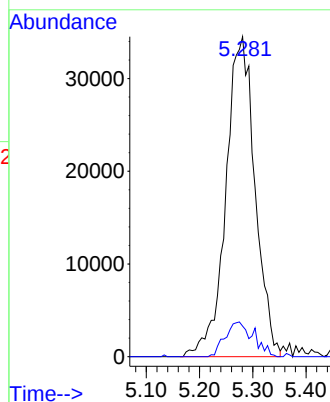
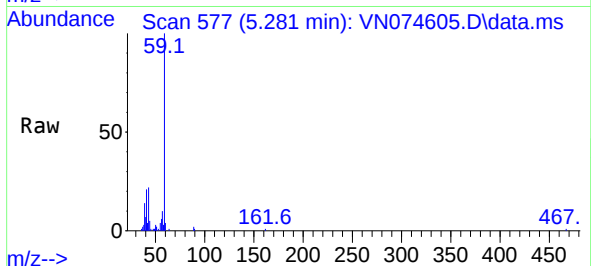




#11  
Tert butyl alcohol  
Concen: 86.283 ug/l  
RT: 5.281 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

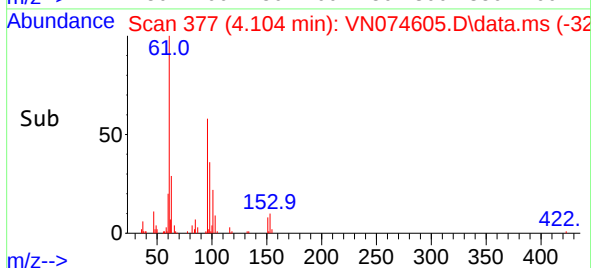
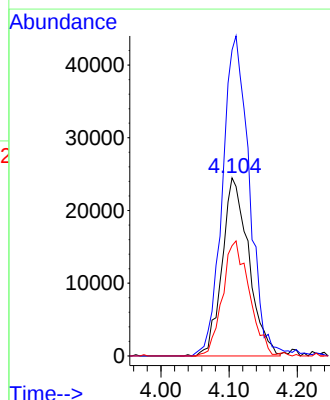
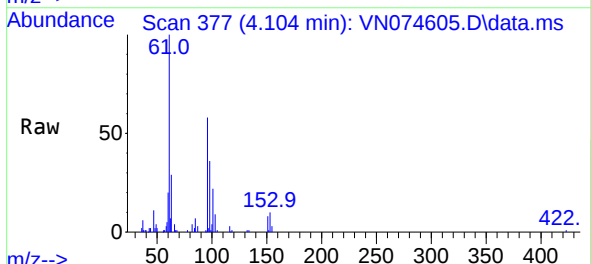
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

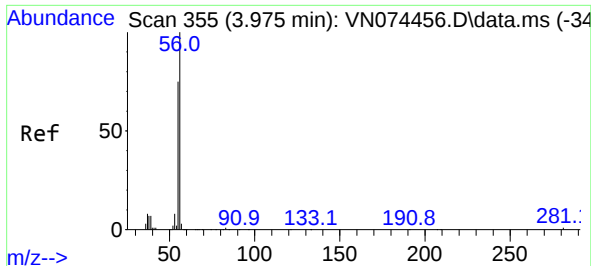
Tgt Ion: 59 Resp: 131392  
Ion Ratio Lower Upper  
59 100  
57 10.6 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 18.718 ug/l  
RT: 4.104 min Scan# 377  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 96 Resp: 66405  
Ion Ratio Lower Upper  
96 100  
61 171.8 127.6 191.4  
98 61.9 51.2 76.8

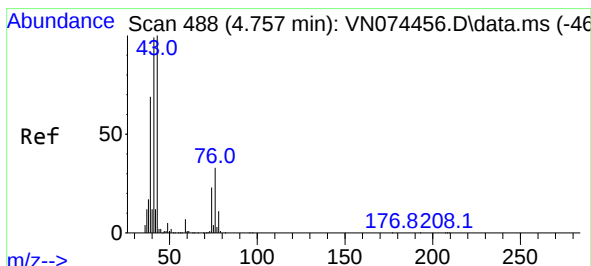
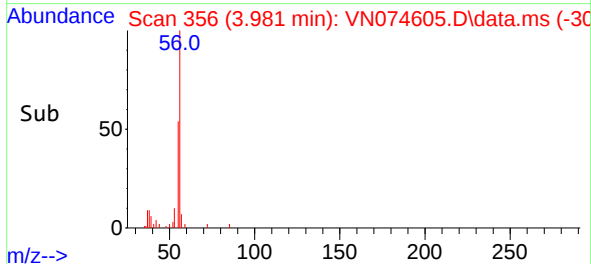
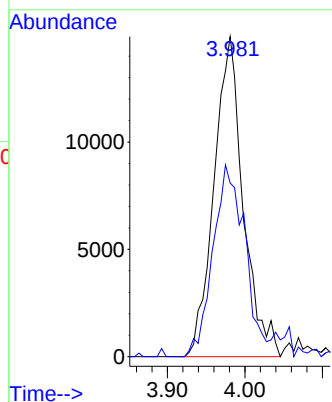
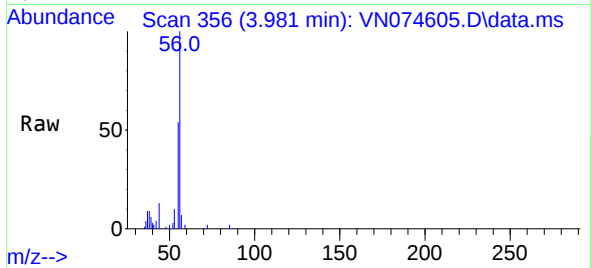




#13  
Acrolein  
Concen: 70.249 ug/l  
RT: 3.981 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

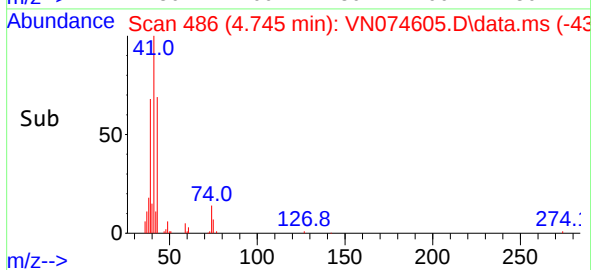
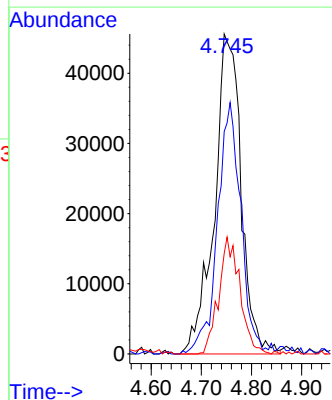
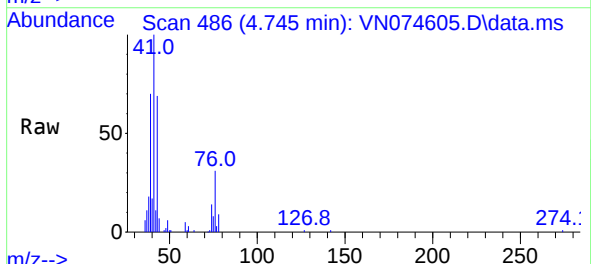
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

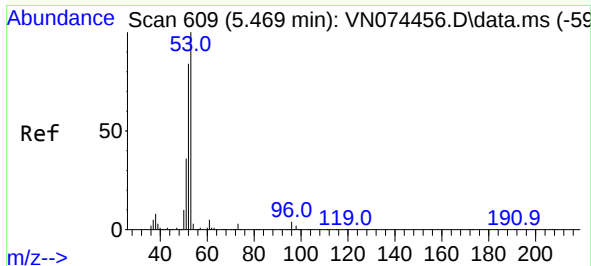
Tgt Ion: 56 Resp: 39066  
Ion Ratio Lower Upper  
56 100  
55 65.1 54.8 82.2



#14  
Allyl chloride  
Concen: 19.523 ug/l  
RT: 4.745 min Scan# 486  
Delta R.T. -0.012 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 41 Resp: 169151  
Ion Ratio Lower Upper  
41 100  
39 68.9 53.2 79.8  
76 29.0 29.9 44.9#

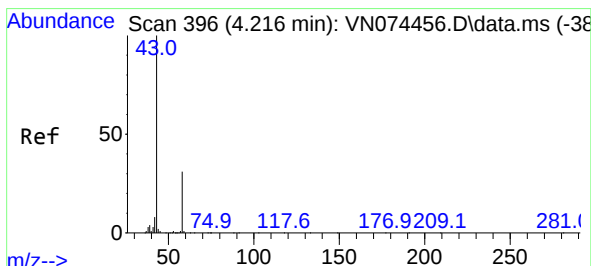
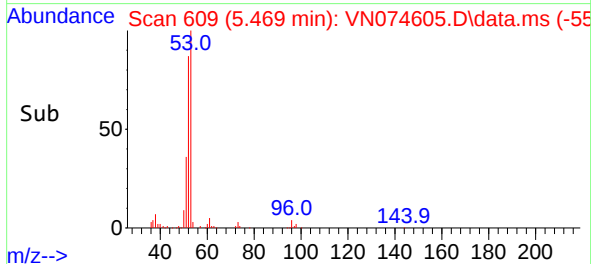
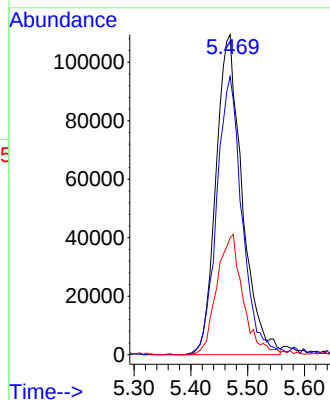
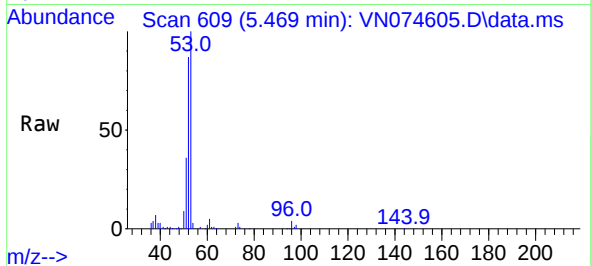




#15  
Acrylonitrile  
Concen: 102.259 ug/l  
RT: 5.469 min Scan# 609  
Delta R.T. -0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

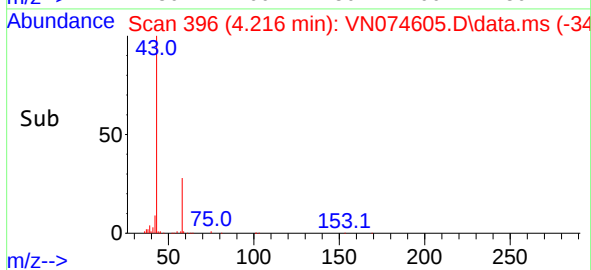
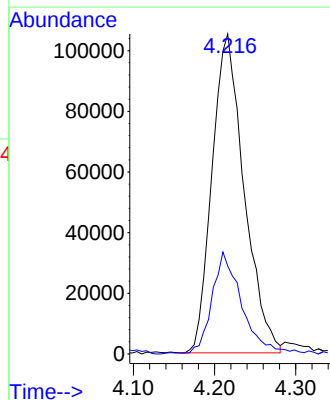
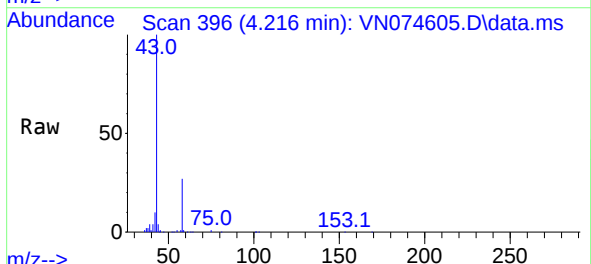
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

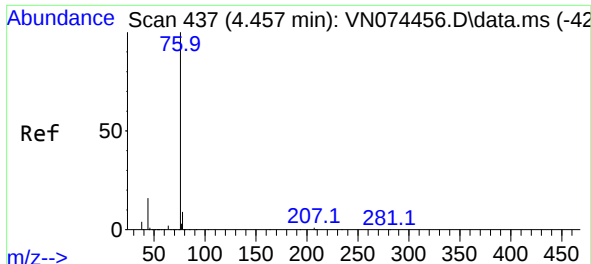
Tgt Ion: 53 Resp: 349845  
Ion Ratio Lower Upper  
53 100  
52 84.4 66.4 99.6  
51 37.6 28.5 42.7



#16  
Acetone  
Concen: 96.517 ug/l  
RT: 4.216 min Scan# 396  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 43 Resp: 288715  
Ion Ratio Lower Upper  
43 100  
58 27.3 26.0 39.0

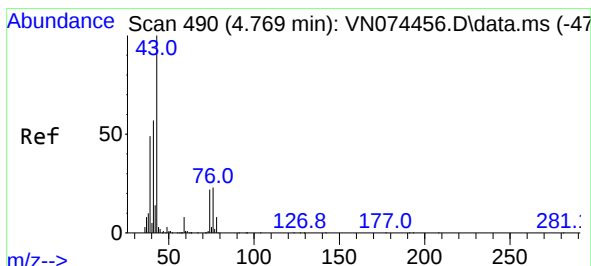
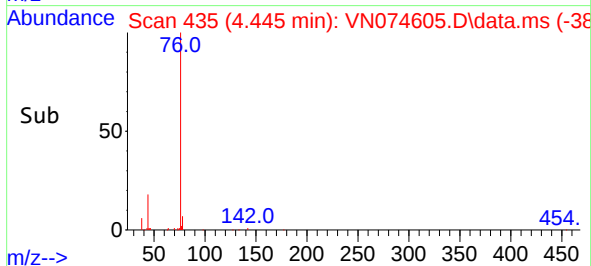
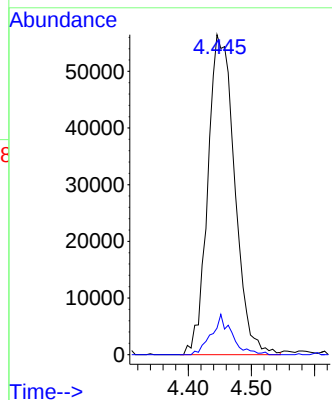
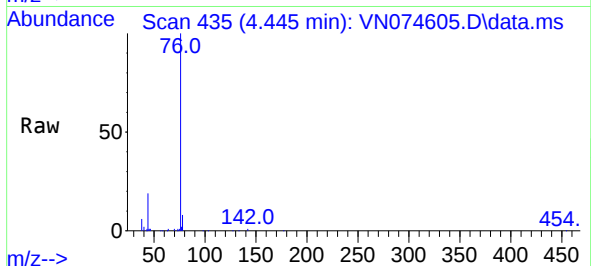




#17  
Carbon Disulfide  
Concen: 16.760 ug/l  
RT: 4.445 min Scan# 41  
Delta R.T. -0.012 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

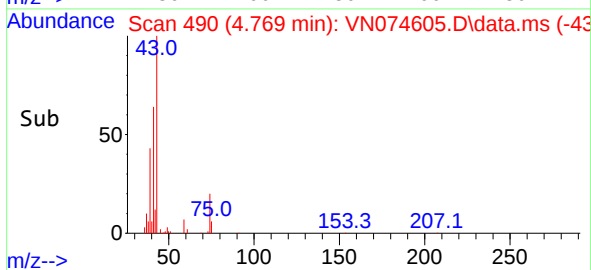
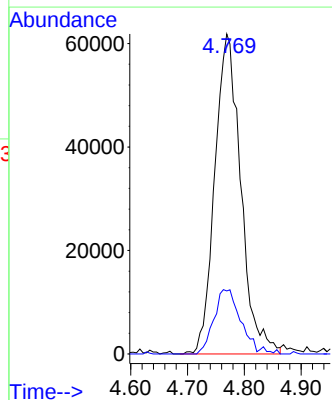
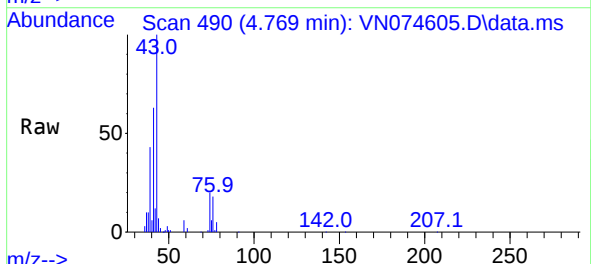
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

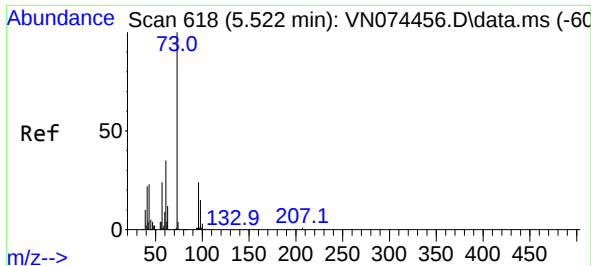
Tgt Ion: 76 Resp: 166763  
Ion Ratio Lower Upper  
76 100  
78 8.3 7.2 10.8



#18  
Methyl Acetate  
Concen: 21.158 ug/l  
RT: 4.769 min Scan# 490  
Delta R.T. -0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 43 Resp: 196582  
Ion Ratio Lower Upper  
43 100  
74 20.5 21.6 32.4#

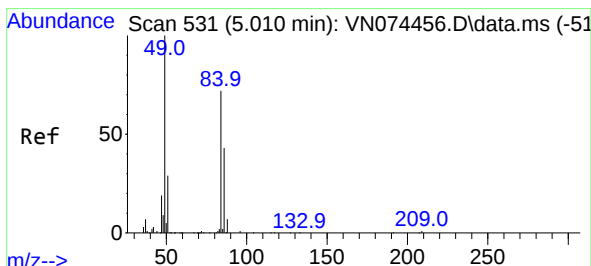
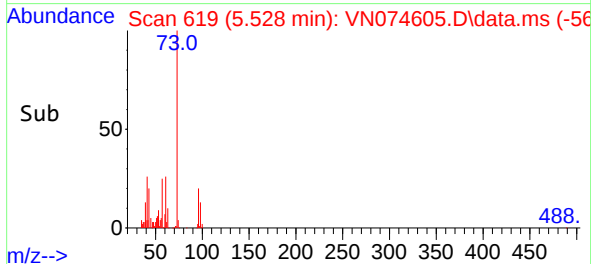
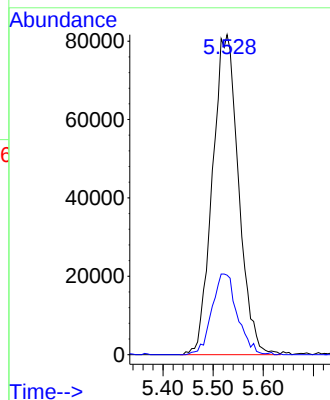
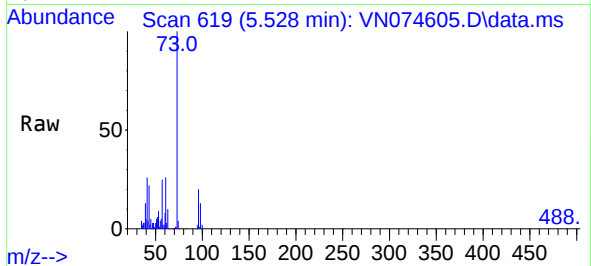




#19  
Methyl tert-butyl Ether  
Concen: 19.335 ug/l  
RT: 5.528 min Scan# 618  
Delta R.T. 0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

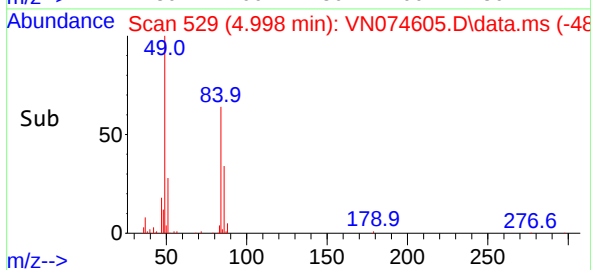
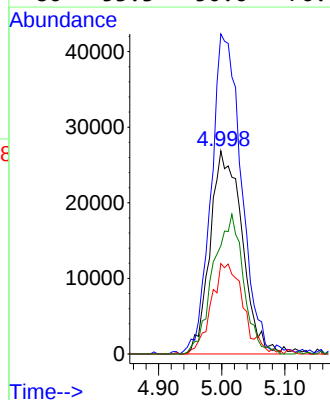
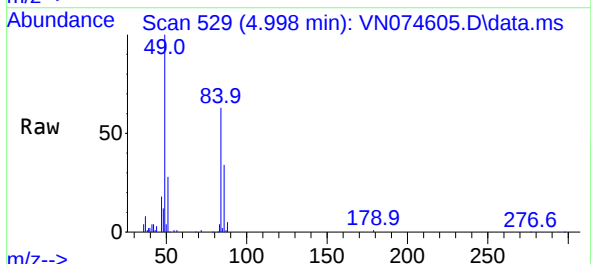
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

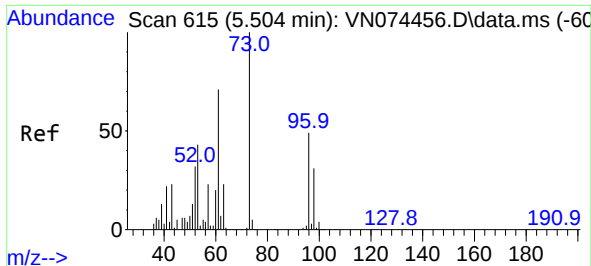
Tgt Ion: 73 Resp: 295685  
Ion Ratio Lower Upper  
73 100  
57 24.9 17.6 26.4



#20  
Methylene Chloride  
Concen: 20.602 ug/l  
RT: 4.998 min Scan# 529  
Delta R.T. -0.012 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 84 Resp: 94006  
Ion Ratio Lower Upper  
84 100  
49 157.6 88.3 132.5#  
51 44.5 28.2 42.2#  
86 53.3 50.6 76.0

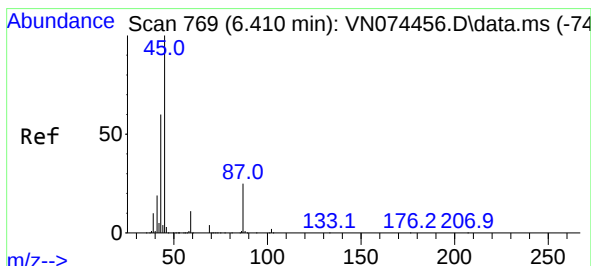
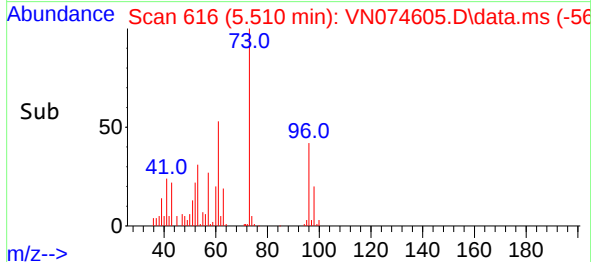
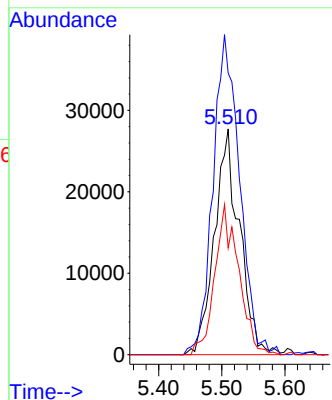
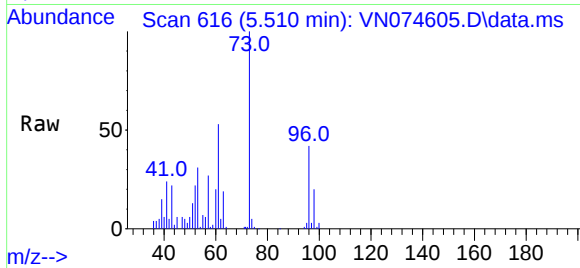




#21  
trans-1,2-Dichloroethene  
Concen: 19.407 ug/l  
RT: 5.510 min Scan# 615  
Delta R.T. 0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

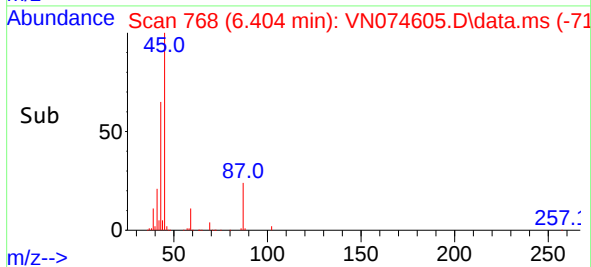
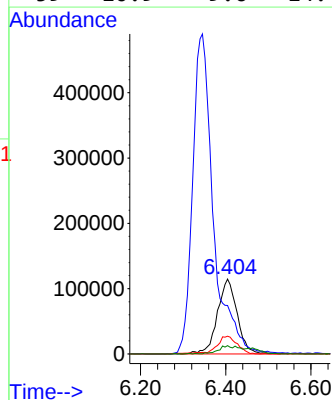
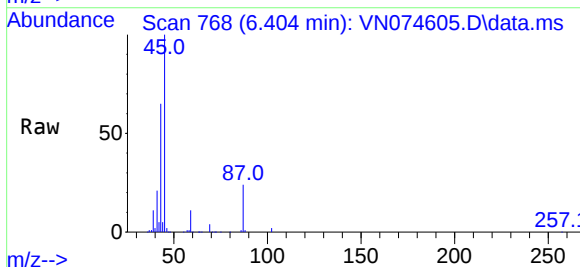
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

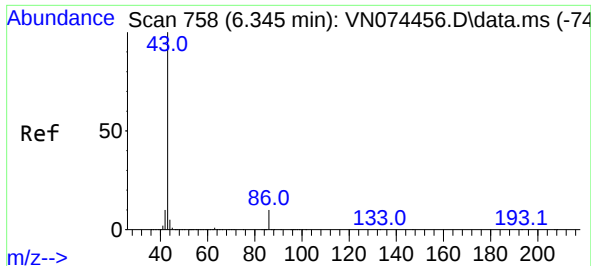
Tgt Ion: 96 Resp: 76292  
Ion Ratio Lower Upper  
96 100  
61 124.7 105.8 158.8  
98 47.3 50.3 75.5#



#22  
Diisopropyl ether  
Concen: 21.157 ug/l  
RT: 6.404 min Scan# 768  
Delta R.T. -0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 45 Resp: 368098  
Ion Ratio Lower Upper  
45 100  
43 63.3 46.6 70.0  
87 23.8 24.3 36.5#  
59 10.9 9.6 14.4

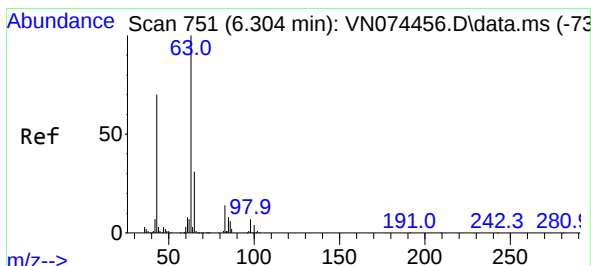
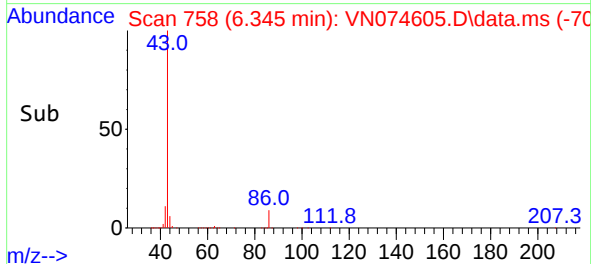
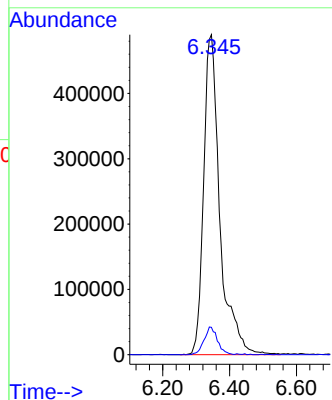
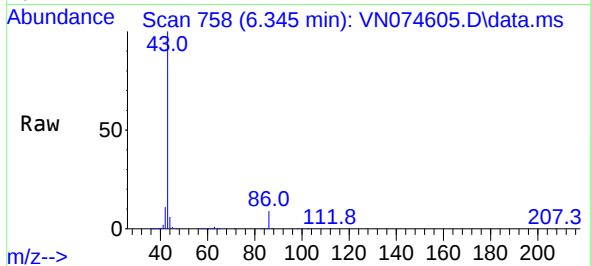




#23  
 Vinyl Acetate  
 Concen: 107.559 ug/l  
 RT: 6.345 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: VN074605.D  
 Acq: 21 Sep 2022 11:37

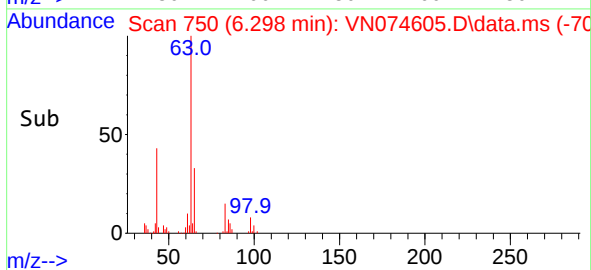
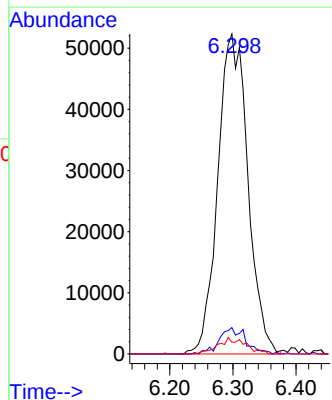
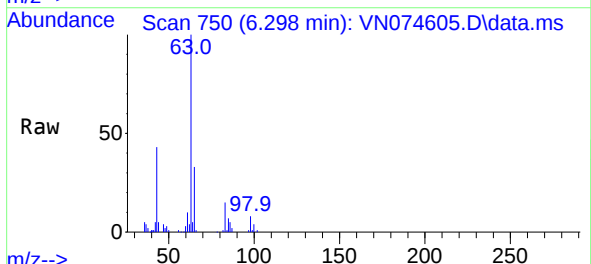
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0921WBS01

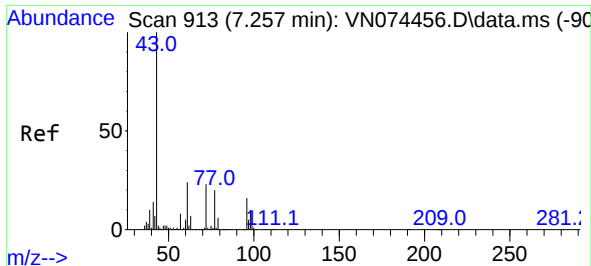
Tgt Ion: 43 Resp: 1650543  
 Ion Ratio Lower Upper  
 43 100  
 86 8.6 10.0 15.0#



#24  
 1,1-Dichloroethane  
 Concen: 19.921 ug/l  
 RT: 6.298 min Scan# 750  
 Delta R.T. -0.006 min  
 Lab File: VN074605.D  
 Acq: 21 Sep 2022 11:37

Tgt Ion: 63 Resp: 173248  
 Ion Ratio Lower Upper  
 63 100  
 98 8.2 3.5 10.4  
 100 3.7 2.3 6.8

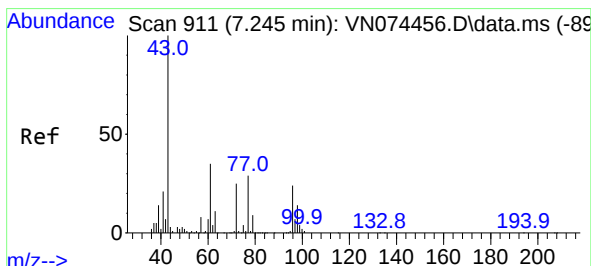
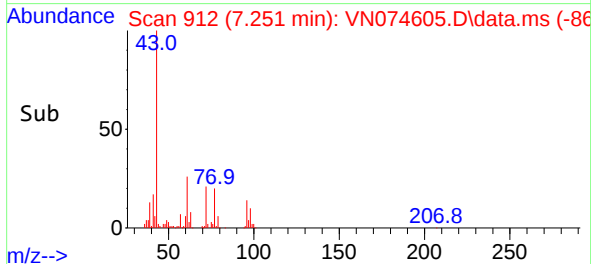
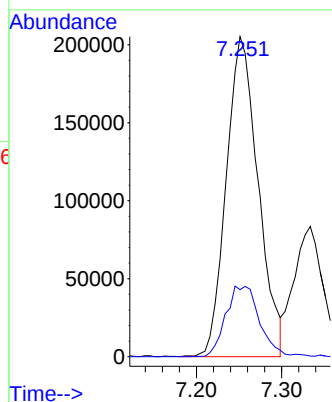
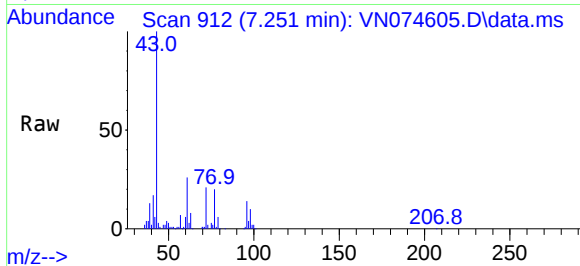




#25  
2-Butanone  
Concen: 107.393 ug/l  
RT: 7.251 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

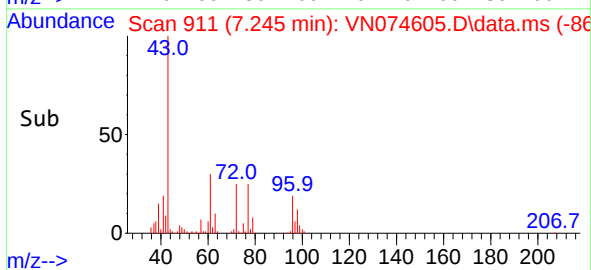
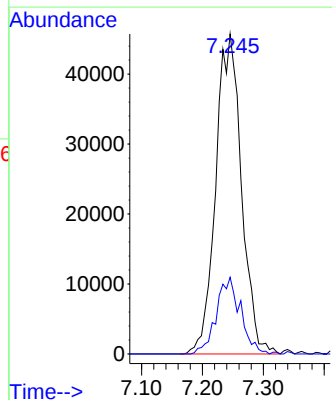
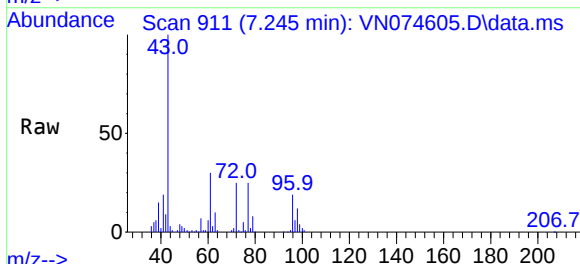
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

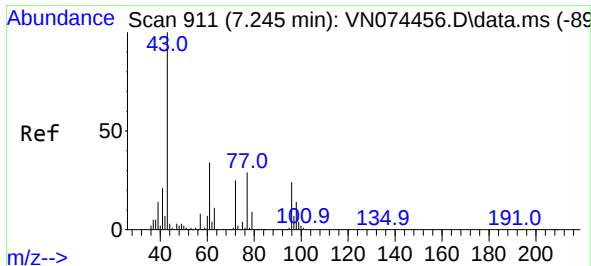
Tgt Ion: 43 Resp: 533372  
Ion Ratio Lower Upper  
43 100  
72 20.9 23.7 35.5#



#26  
2,2-Dichloropropane  
Concen: 17.895 ug/l  
RT: 7.245 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 77 Resp: 134172  
Ion Ratio Lower Upper  
77 100  
97 22.5 11.4 34.2

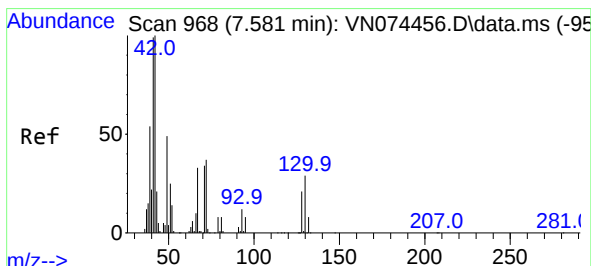
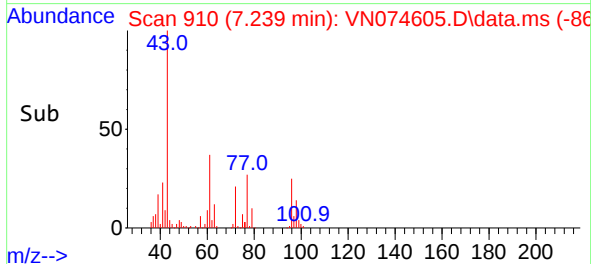
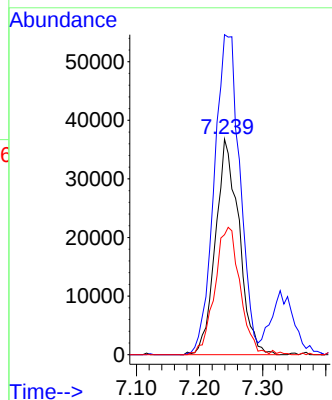
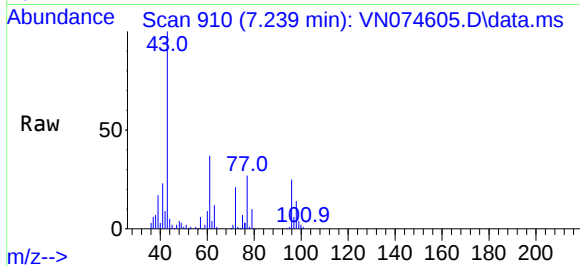




#27  
 cis-1,2-Dichloroethene  
 Concen: 18.679 ug/l  
 RT: 7.239 min Scan# 911  
 Delta R.T. -0.006 min  
 Lab File: VN074605.D  
 Acq: 21 Sep 2022 11:37

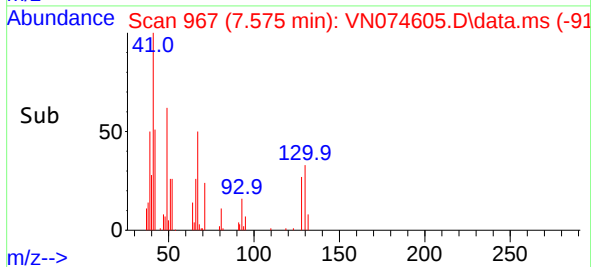
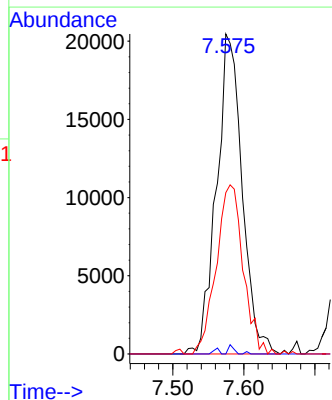
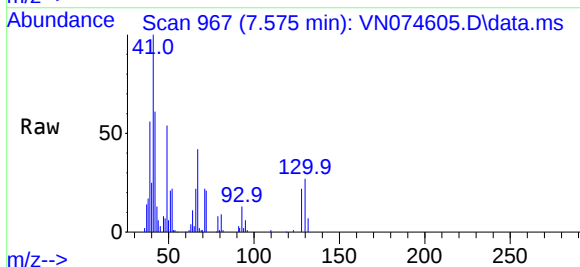
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0921WBS01

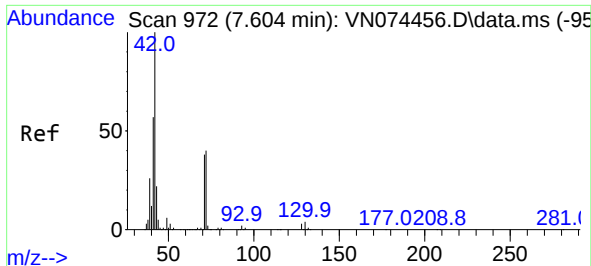
Tgt Ion: 96 Resp: 95289  
 Ion Ratio Lower Upper  
 96 100  
 61 162.3 0.0 280.6  
 98 63.4 0.0 128.4



#28  
 Bromochloromethane  
 Concen: 19.972 ug/l  
 RT: 7.575 min Scan# 967  
 Delta R.T. -0.006 min  
 Lab File: VN074605.D  
 Acq: 21 Sep 2022 11:37

Tgt Ion: 49 Resp: 51189  
 Ion Ratio Lower Upper  
 49 100  
 129 0.6 0.0 4.6  
 130 55.5 69.7 104.5#

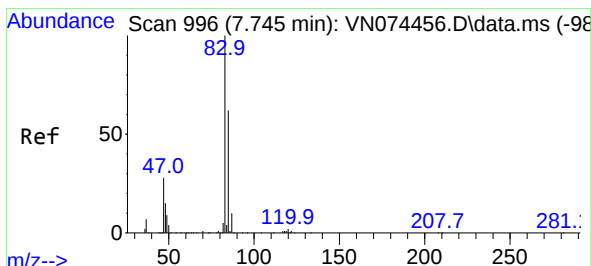
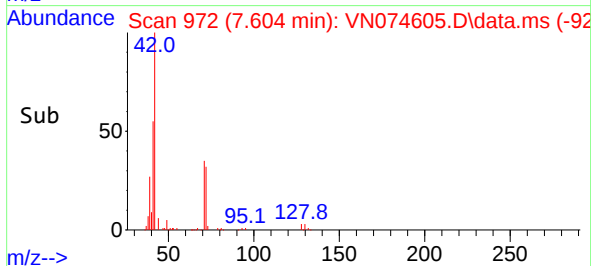
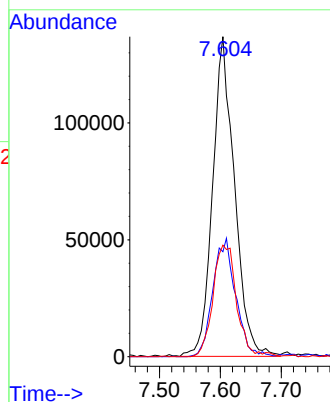
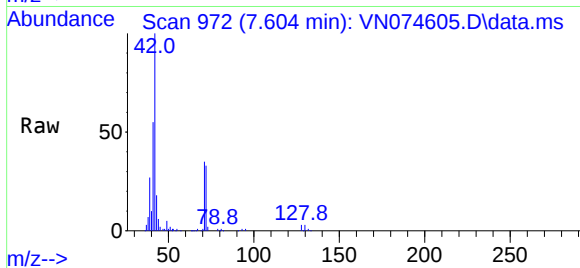




#29  
Tetrahydrofuran  
Concen: 104.568 ug/l  
RT: 7.604 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

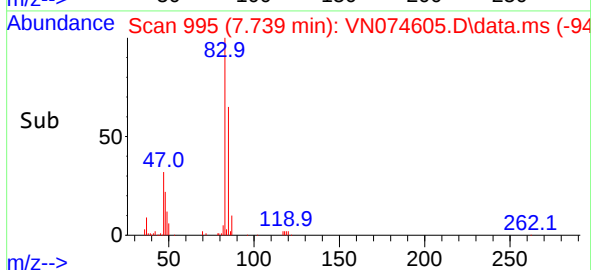
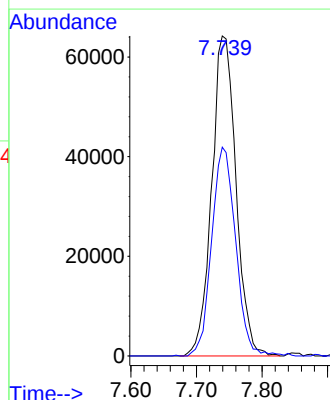
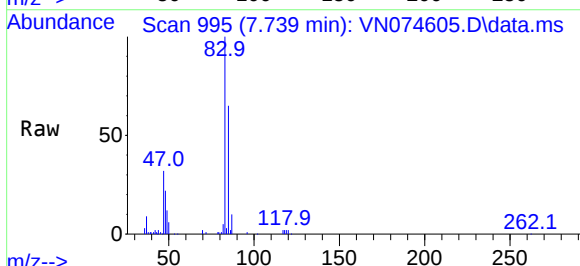
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

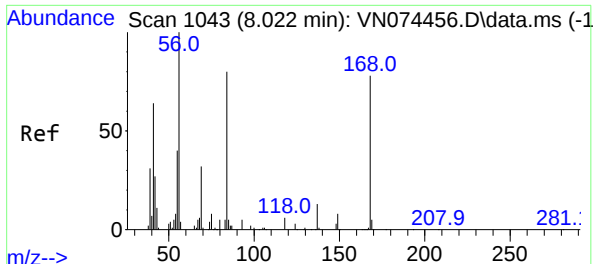
Tgt Ion: 42 Resp: 341461  
Ion Ratio Lower Upper  
42 100  
72 38.5 39.7 59.5#  
71 37.3 36.6 55.0



#30  
Chloroform  
Concen: 20.560 ug/l  
RT: 7.739 min Scan# 995  
Delta R.T. -0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 83 Resp: 165034  
Ion Ratio Lower Upper  
83 100  
85 65.3 51.8 77.8

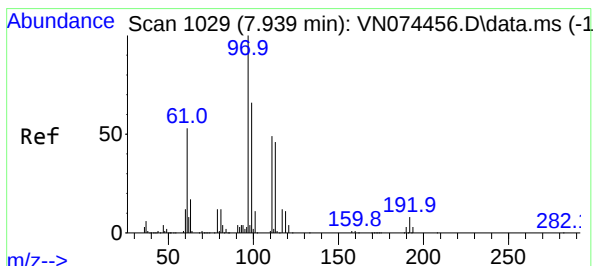
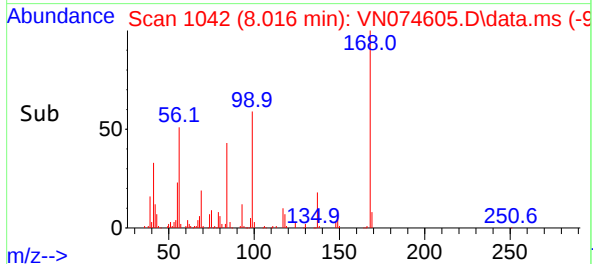
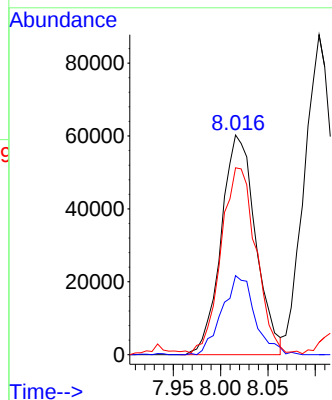
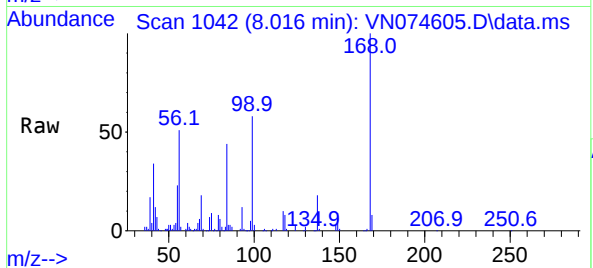




#31  
Cyclohexane  
Concen: 18.386 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

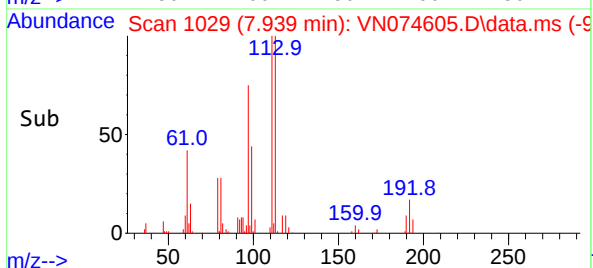
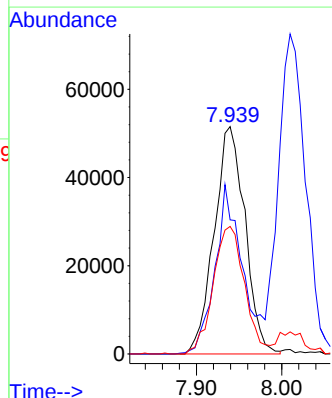
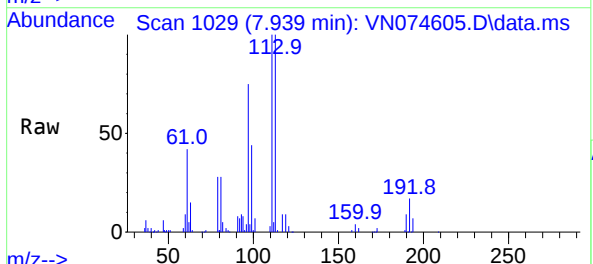
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

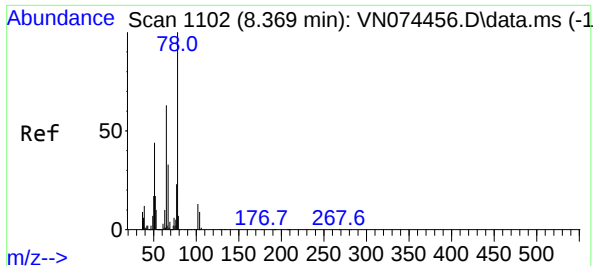
Tgt Ion: 56 Resp: 152559  
Ion Ratio Lower Upper  
56 100  
69 36.0 27.8 41.8  
84 83.8 76.9 115.3



#32  
1,1,1-Trichloroethane  
Concen: 18.403 ug/l  
RT: 7.939 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 97 Resp: 129562  
Ion Ratio Lower Upper  
97 100  
99 62.5 50.6 76.0  
61 57.0 36.0 54.0#

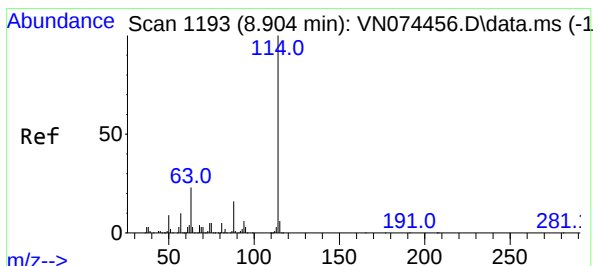
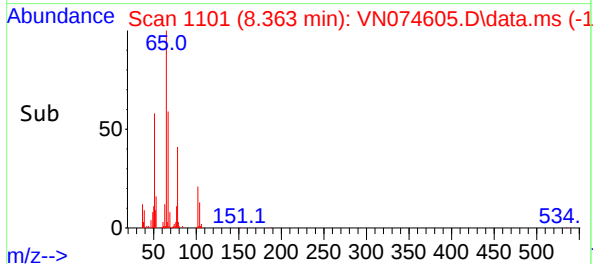
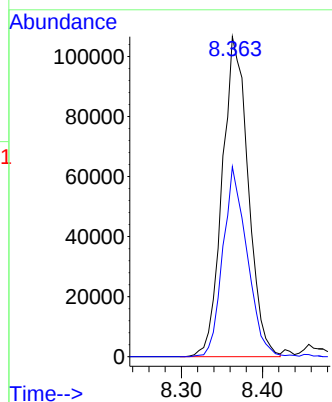
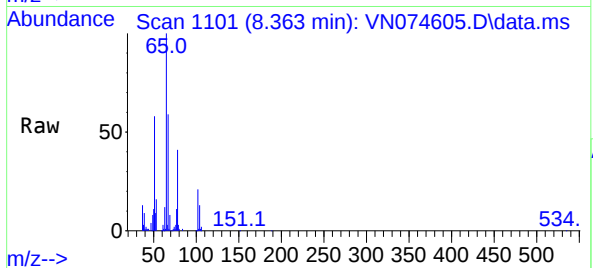




#33  
1,2-Dichloroethane-d4  
Concen: 50.612 ug/l  
RT: 8.363 min Scan# 1102  
Delta R.T. -0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

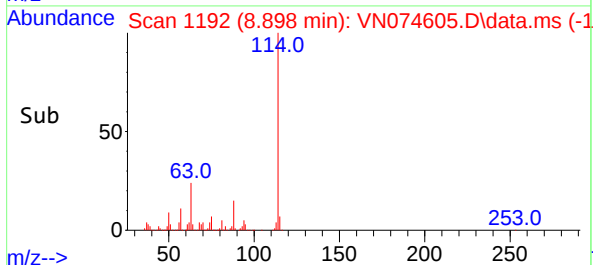
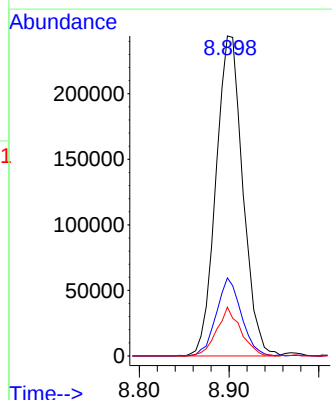
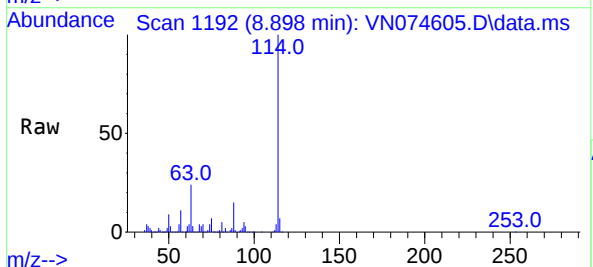
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

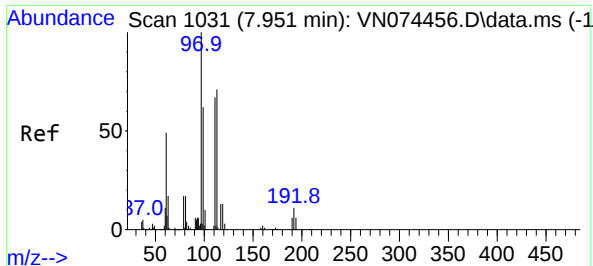
Tgt Ion: 65 Resp: 236598  
Ion Ratio Lower Upper  
65 100  
67 55.4 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.898 min Scan# 1192  
Delta R.T. -0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 114 Resp: 508549  
Ion Ratio Lower Upper  
114 100  
63 24.2 0.0 40.0  
88 15.2 0.0 32.6

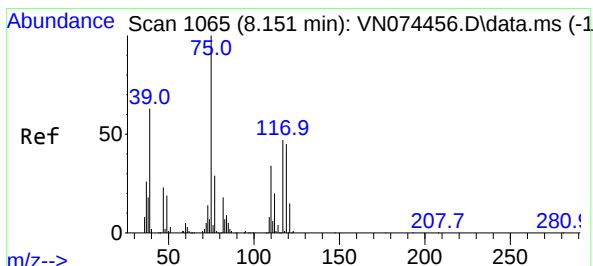
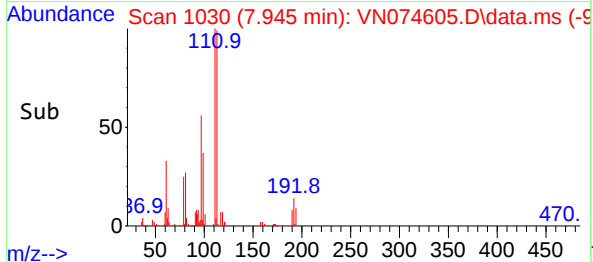
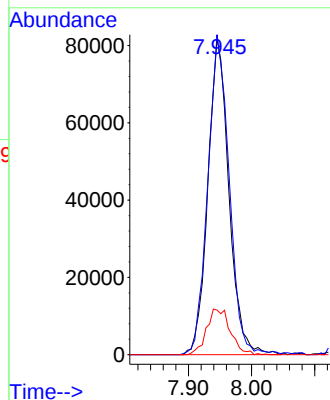
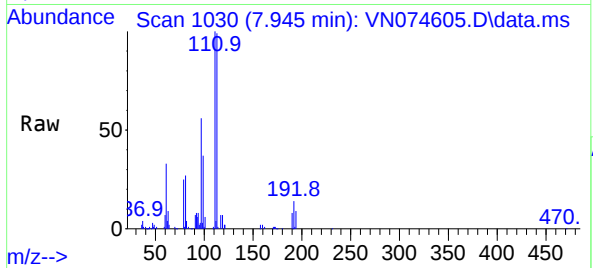




#35  
Dibromofluoromethane  
Concen: 56.172 ug/l  
RT: 7.945 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

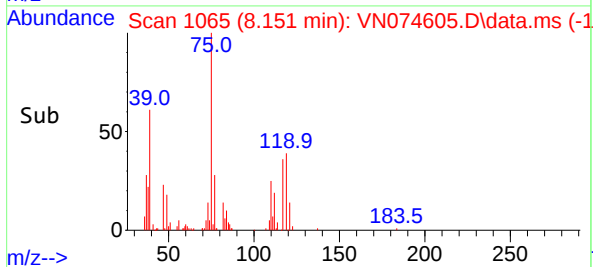
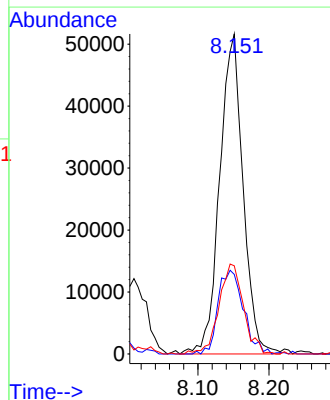
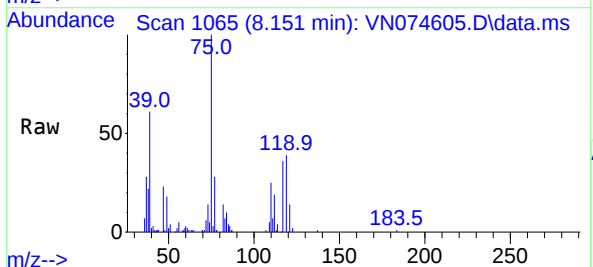
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

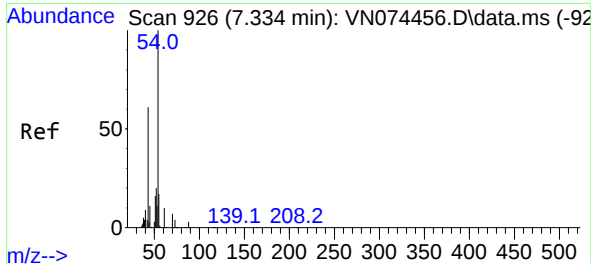
Tgt Ion:113 Resp: 189761  
Ion Ratio Lower Upper  
113 100  
111 103.0 81.4 122.0  
192 16.3 17.0 25.6#



#36  
1,1-Dichloropropene  
Concen: 19.727 ug/l  
RT: 8.151 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 75 Resp: 117958  
Ion Ratio Lower Upper  
75 100  
110 28.4 18.3 54.8  
77 29.5 25.1 37.7

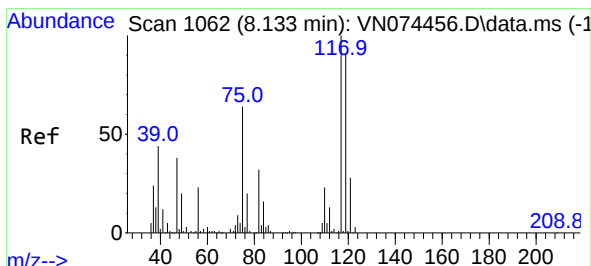
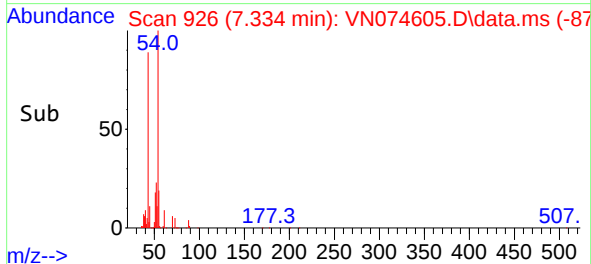
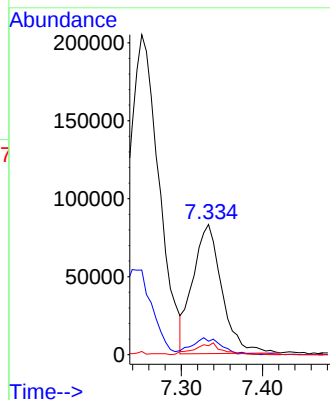
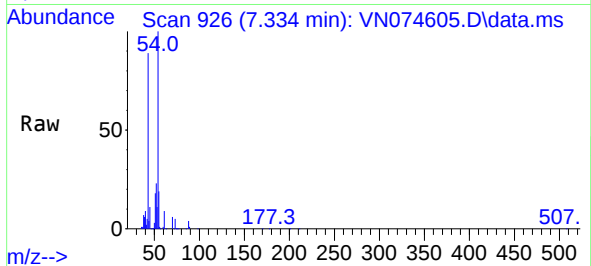




#37  
Ethyl Acetate  
Concen: 22.218 ug/l  
RT: 7.334 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

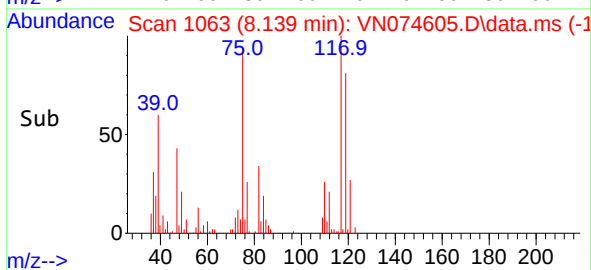
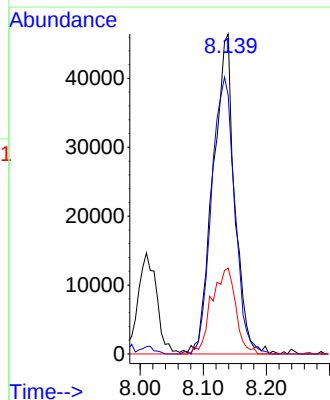
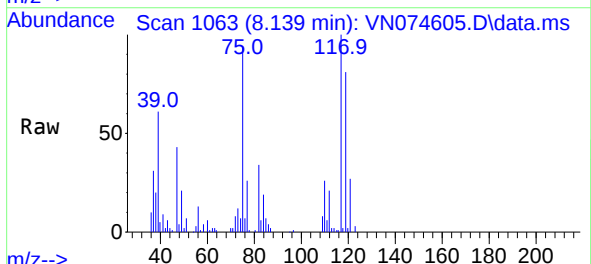
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

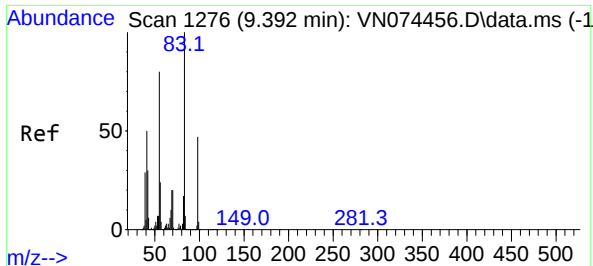
Tgt Ion: 43 Resp: 205174  
Ion Ratio Lower Upper  
43 100  
61 13.7 11.8 17.6  
70 8.1 9.3 13.9#



#38  
Carbon Tetrachloride  
Concen: 20.021 ug/l  
RT: 8.139 min Scan# 1063  
Delta R.T. 0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 117 Resp: 110534  
Ion Ratio Lower Upper  
117 100  
119 80.8 75.8 113.8  
121 26.9 24.6 37.0

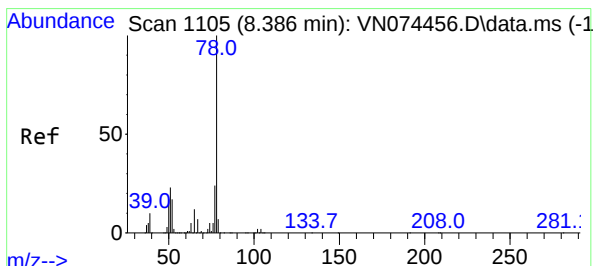
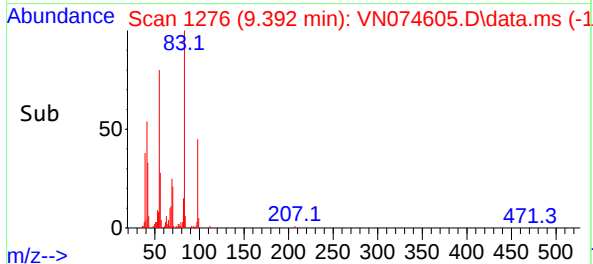
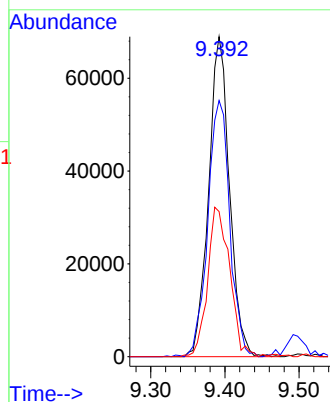
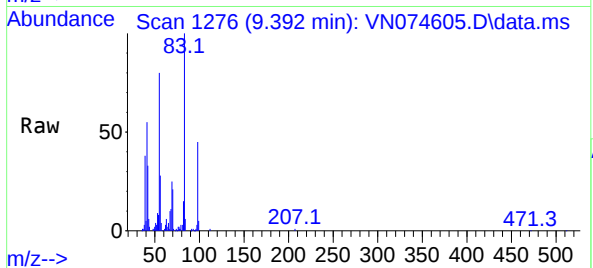




#39  
Methylcyclohexane  
Concen: 18.970 ug/l  
RT: 9.392 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

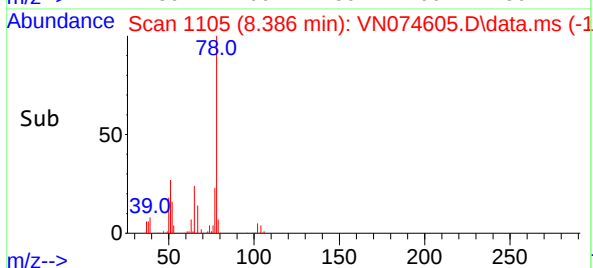
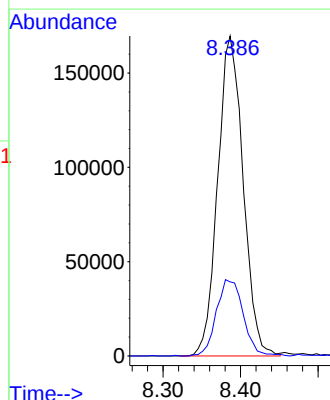
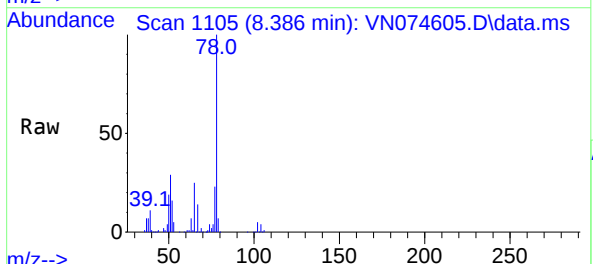
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

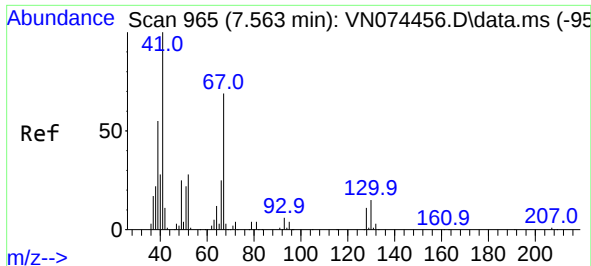
Tgt Ion: 83 Resp: 134880  
Ion Ratio Lower Upper  
83 100  
55 79.7 57.8 86.8  
98 45.4 39.4 59.2



#40  
Benzene  
Concen: 20.924 ug/l  
RT: 8.386 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

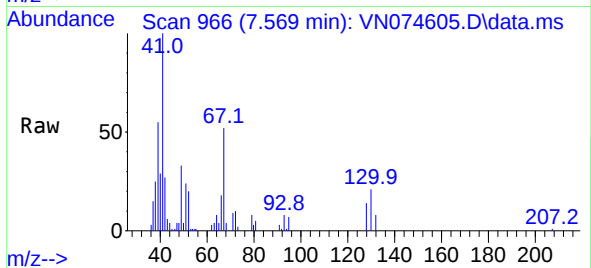
Tgt Ion: 78 Resp: 386892  
Ion Ratio Lower Upper  
78 100  
77 23.2 19.4 29.0



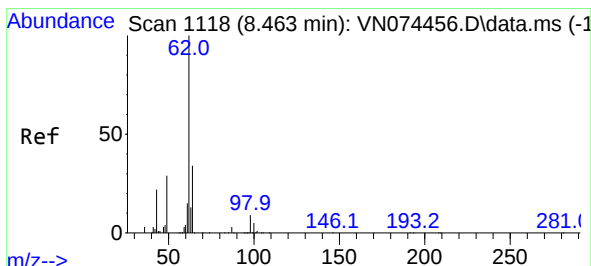
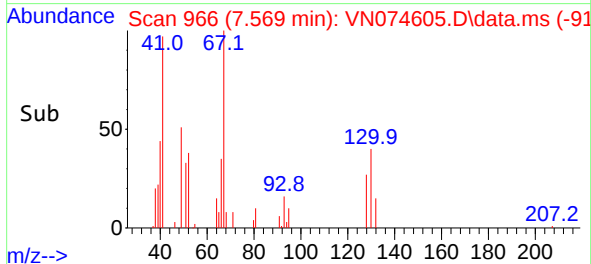
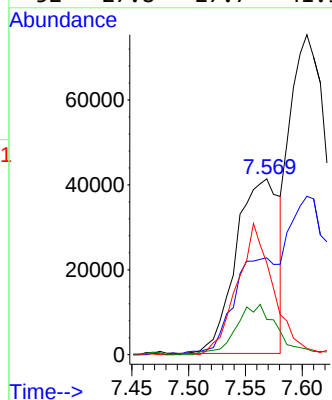


#41  
Methacrylonitrile  
Concen: 24.356 ug/l  
RT: 7.569 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

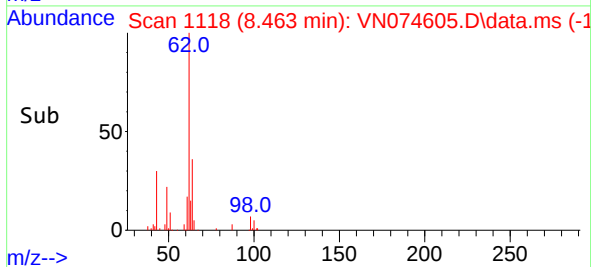
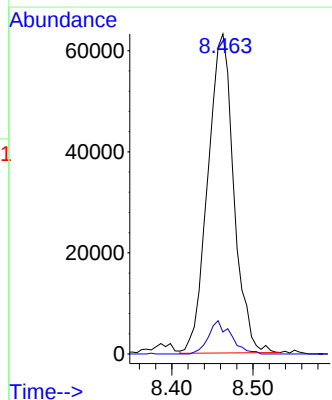
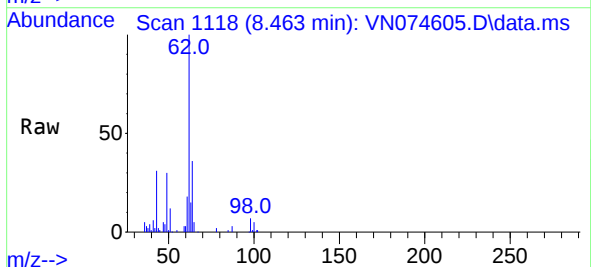


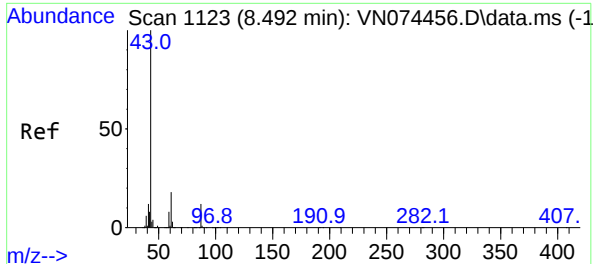
Tgt Ion: 41 Resp: 108736  
Ion Ratio Lower Upper  
41 100  
39 52.3 48.6 73.0  
67 63.3 73.4 110.2#  
52 27.8 27.7 41.5



#42  
1,2-Dichloroethane  
Concen: 22.120 ug/l  
RT: 8.463 min Scan# 1118  
Delta R.T. -0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 62 Resp: 140355  
Ion Ratio Lower Upper  
62 100  
98 9.0 0.0 19.4

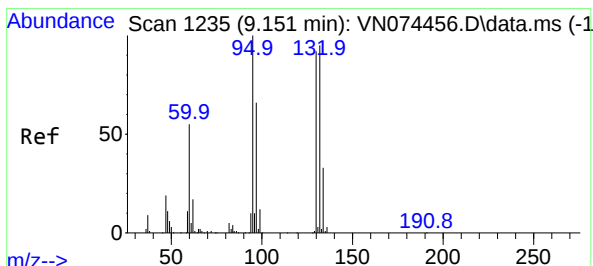
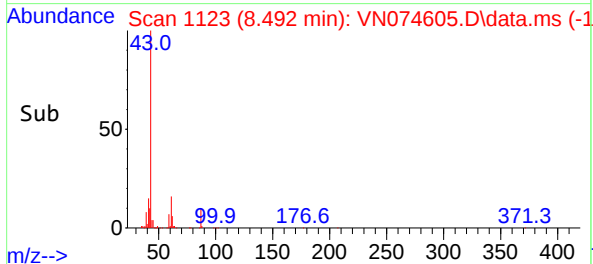
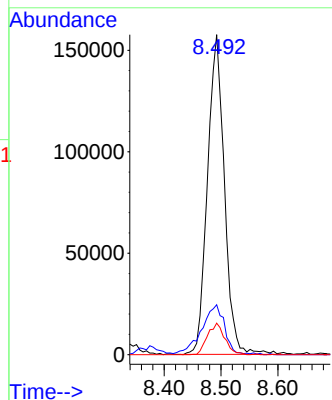
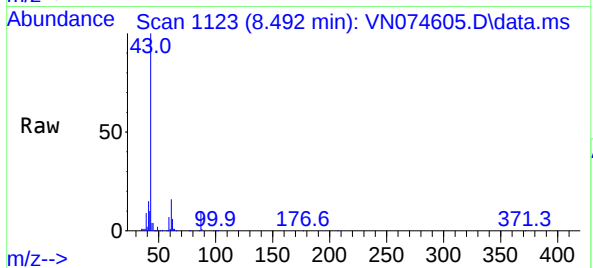




#43  
Isopropyl Acetate  
Concen: 22.488 ug/l  
RT: 8.492 min Scan# 1123  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

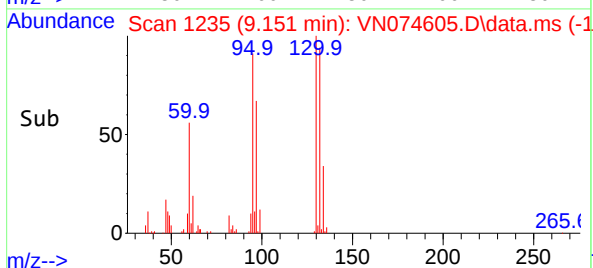
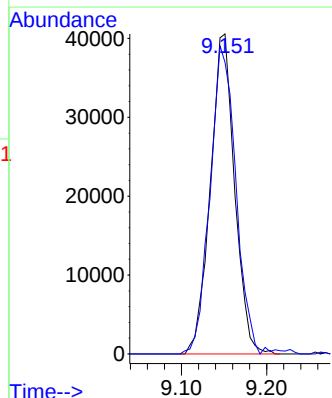
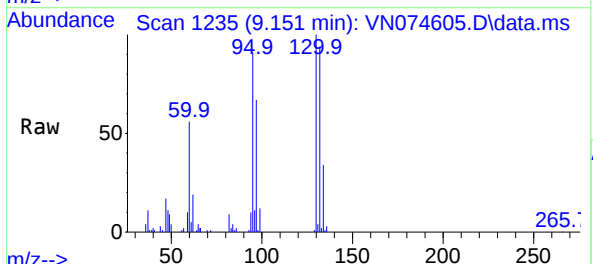
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

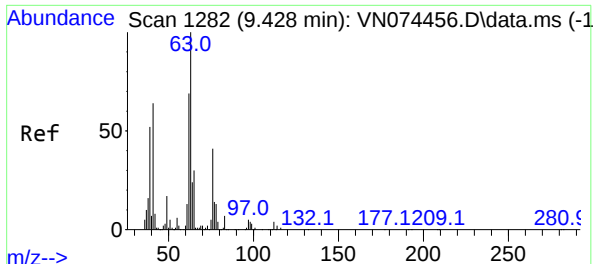
Tgt Ion: 43 Resp: 325287  
Ion Ratio Lower Upper  
43 100  
61 20.4 21.9 32.9#  
87 10.1 12.0 18.0#



#44  
Trichloroethene  
Concen: 20.106 ug/l  
RT: 9.151 min Scan# 1235  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion:130 Resp: 80443  
Ion Ratio Lower Upper  
130 100  
95 91.2 0.0 186.8

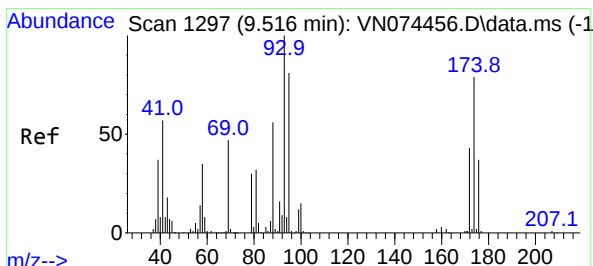
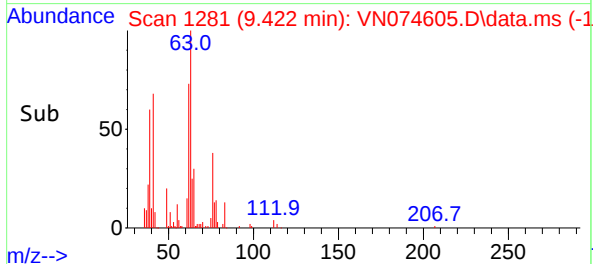
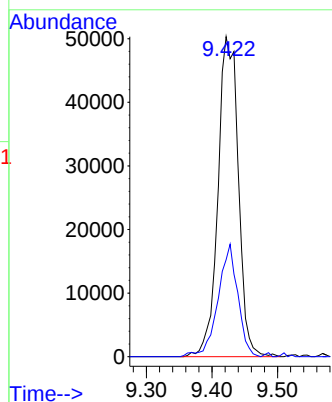
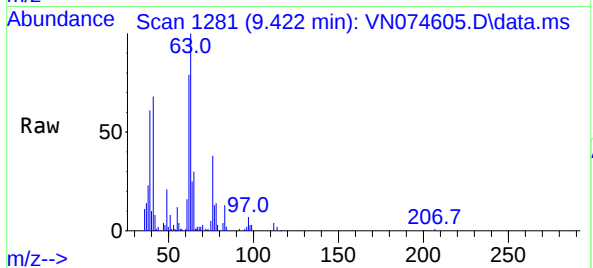




#45  
1,2-Dichloropropane  
Concen: 21.347 ug/l  
RT: 9.422 min Scan# 1282  
Delta R.T. -0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

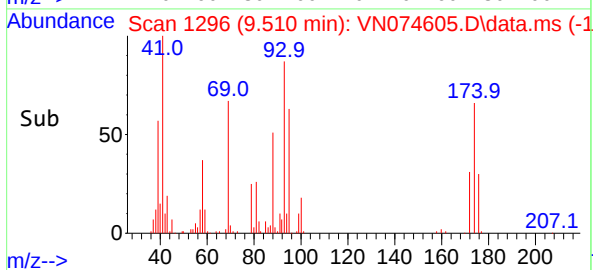
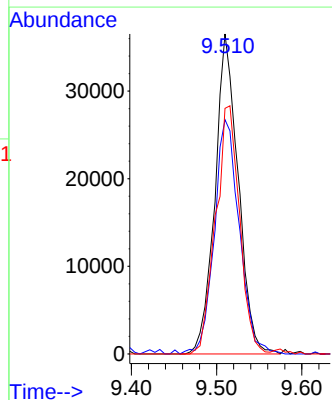
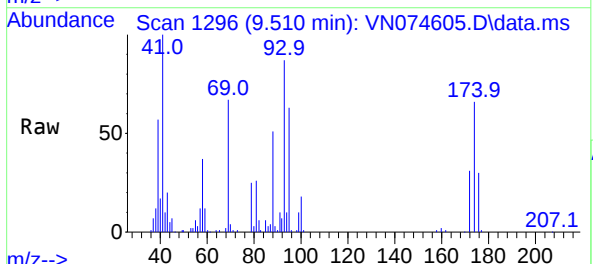
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

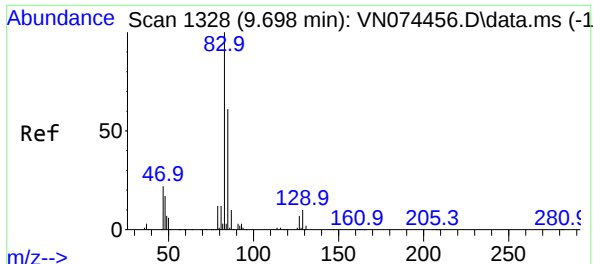
Tgt Ion: 63 Resp: 108478  
Ion Ratio Lower Upper  
63 100  
65 30.3 24.9 37.3



#46  
Dibromomethane  
Concen: 21.747 ug/l  
RT: 9.510 min Scan# 1296  
Delta R.T. -0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 93 Resp: 69212  
Ion Ratio Lower Upper  
93 100  
95 79.0 66.9 100.3  
174 79.7 86.6 130.0#

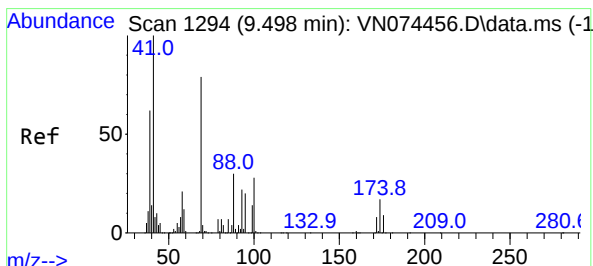
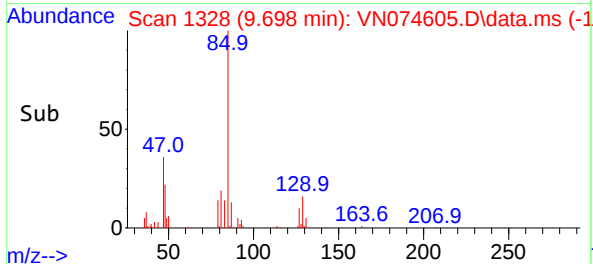
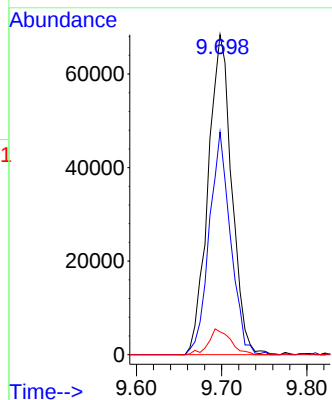
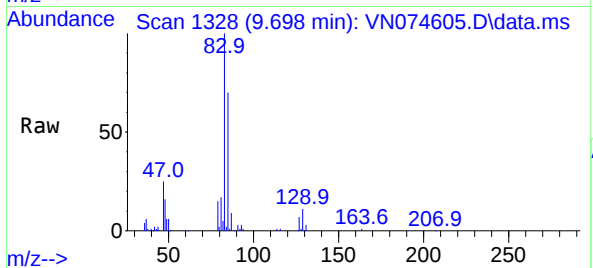




#47  
Bromodichloromethane  
Concen: 21.127 ug/l  
RT: 9.698 min Scan# 1328  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

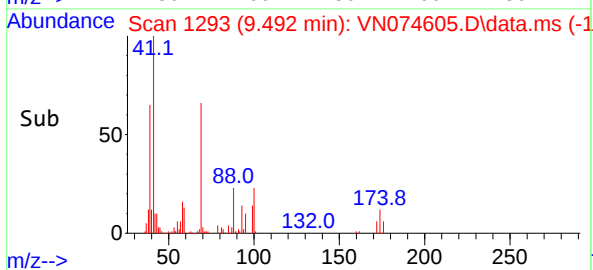
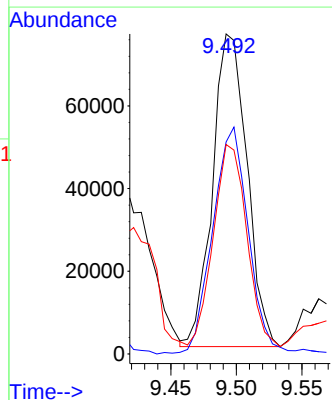
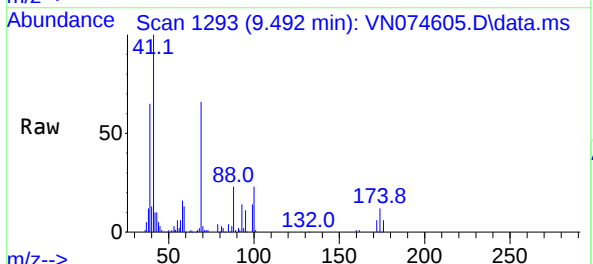
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

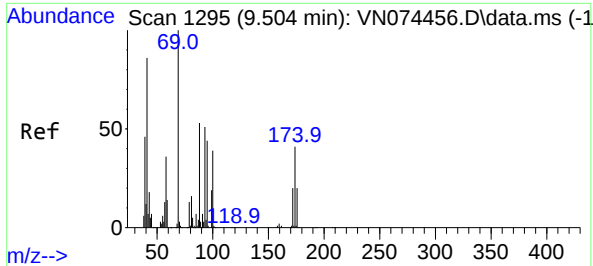
Tgt Ion: 83 Resp: 131829  
Ion Ratio Lower Upper  
83 100  
85 69.6 50.5 75.7  
127 7.2 6.8 10.2



#48  
Methyl methacrylate  
Concen: 21.560 ug/l  
RT: 9.492 min Scan# 1293  
Delta R.T. -0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 41 Resp: 138279  
Ion Ratio Lower Upper  
41 100  
69 74.1 74.7 112.1#  
39 67.0 45.6 68.4

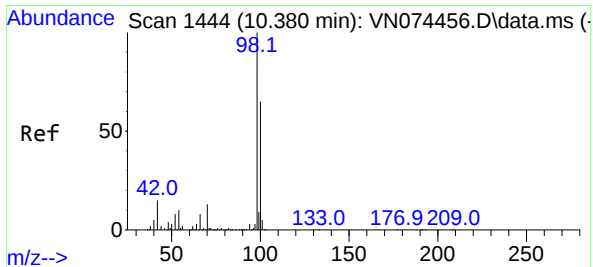
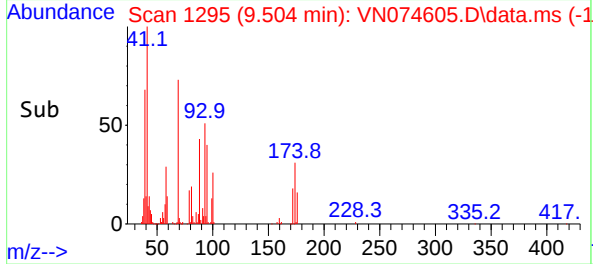
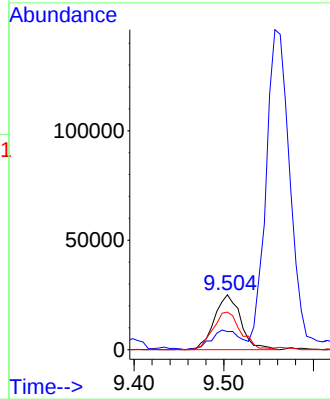
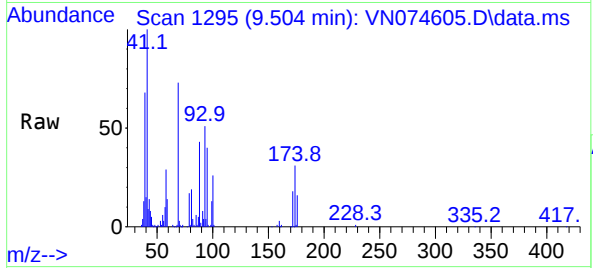




#49  
1,4-Dioxane  
Concen: 415.127 ug/l  
RT: 9.504 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

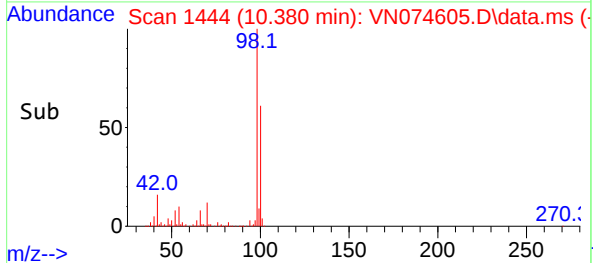
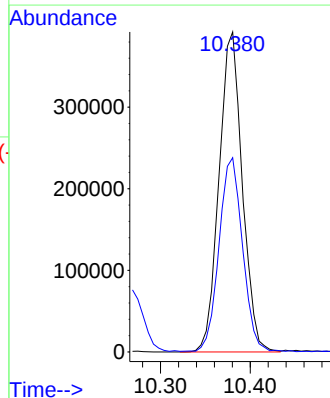
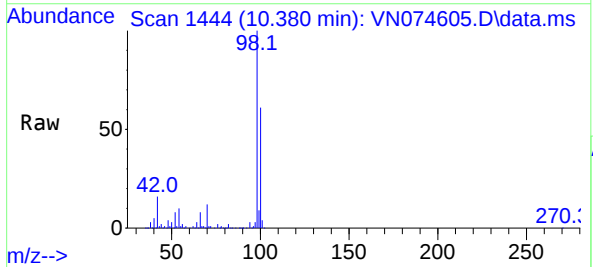
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

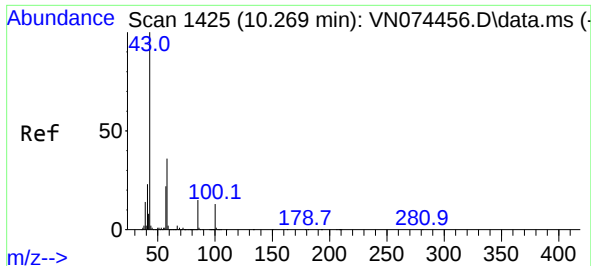
Tgt Ion: 88 Resp: 51189  
Ion Ratio Lower Upper  
88 100  
43 40.0 20.2 30.4#  
58 71.7 54.2 81.4



#50  
Toluene-d8  
Concen: 53.938 ug/l  
RT: 10.380 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 98 Resp: 704692  
Ion Ratio Lower Upper  
98 100  
100 61.4 52.6 78.8

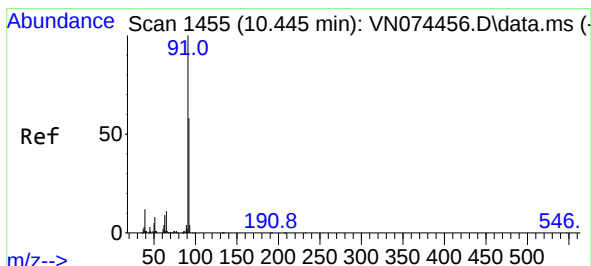
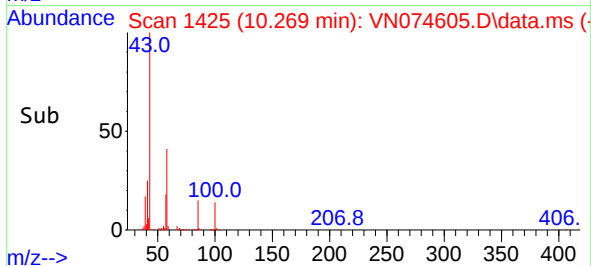
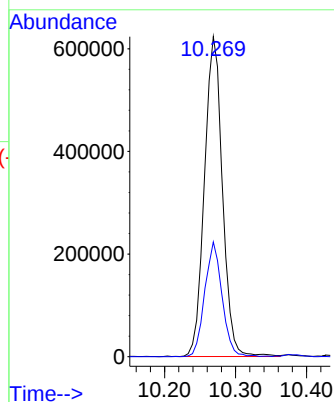
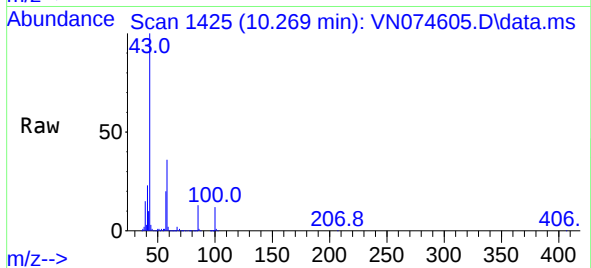




#51  
4-Methyl-2-Pentanone  
Concen: 116.366 ug/l  
RT: 10.269 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

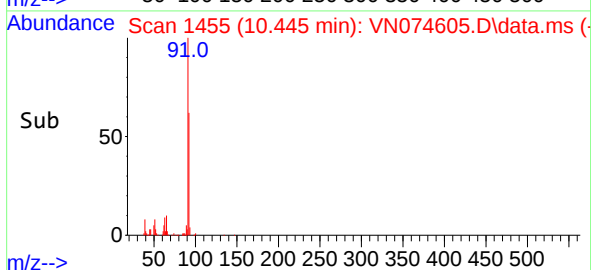
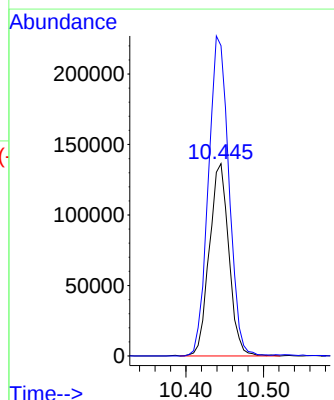
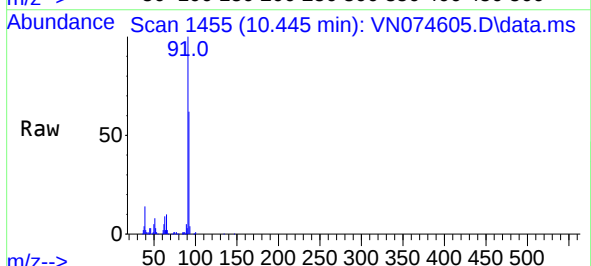
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

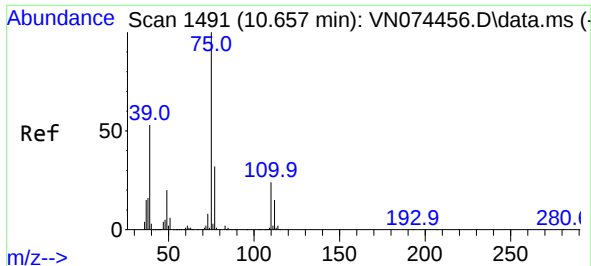
Tgt Ion: 43 Resp: 1099166  
Ion Ratio Lower Upper  
43 100  
58 34.6 34.1 51.1



#52  
Toluene  
Concen: 22.008 ug/l  
RT: 10.445 min Scan# 1455  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 92 Resp: 238628  
Ion Ratio Lower Upper  
92 100  
91 175.0 138.6 207.8

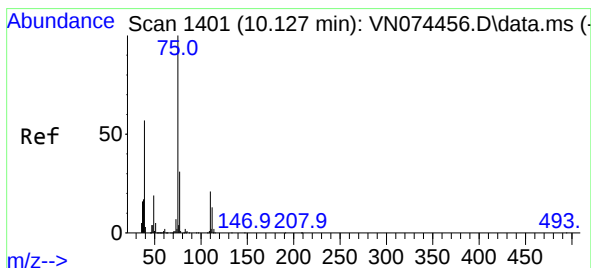
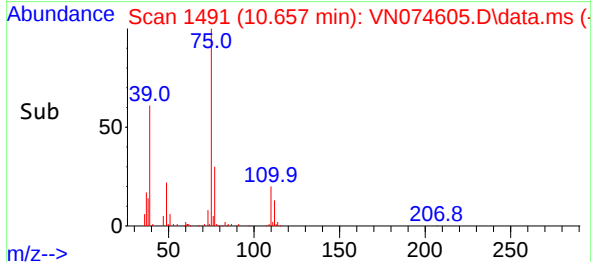
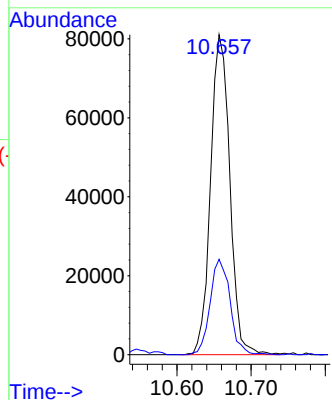
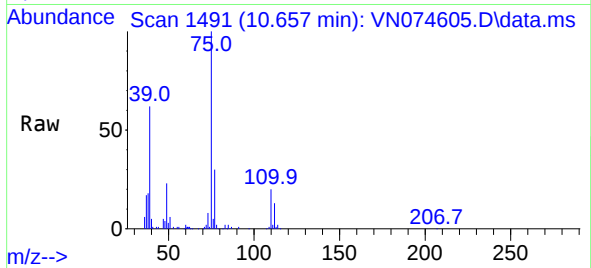




#53  
t-1,3-Dichloropropene  
Concen: 20.097 ug/l  
RT: 10.657 min Scan# 1491  
Delta R.T. -0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

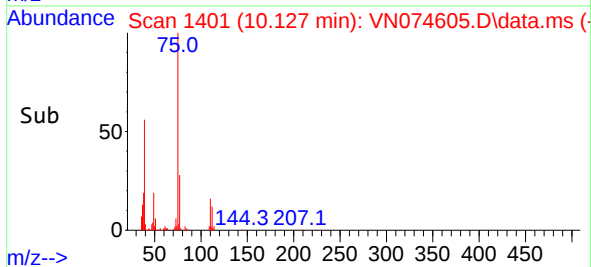
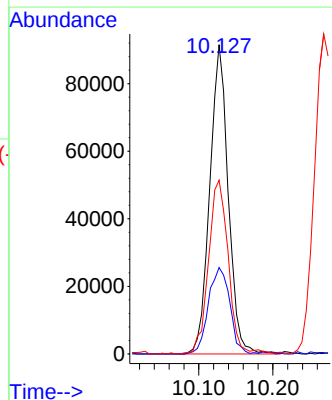
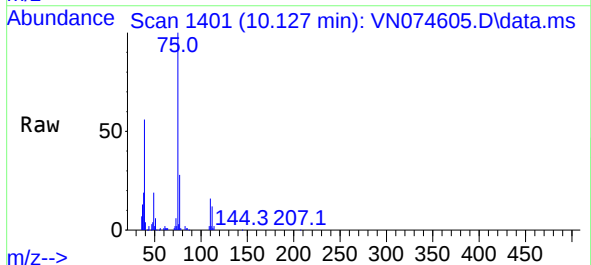
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

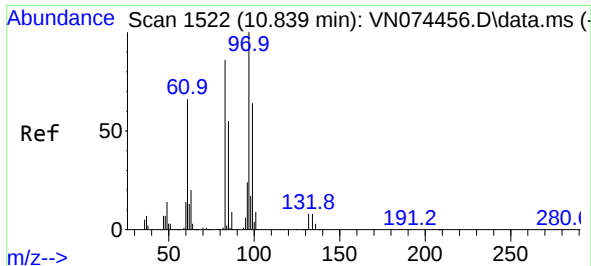
Tgt Ion: 75 Resp: 146148  
Ion Ratio Lower Upper  
75 100  
77 29.8 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 20.373 ug/l  
RT: 10.127 min Scan# 1401  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 75 Resp: 158547  
Ion Ratio Lower Upper  
75 100  
77 27.9 25.2 37.8  
39 56.2 35.7 53.5#



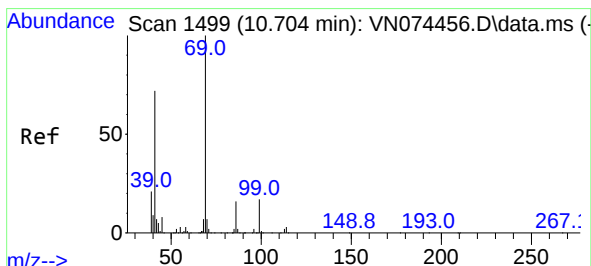
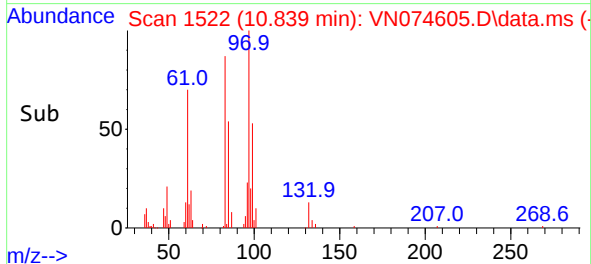
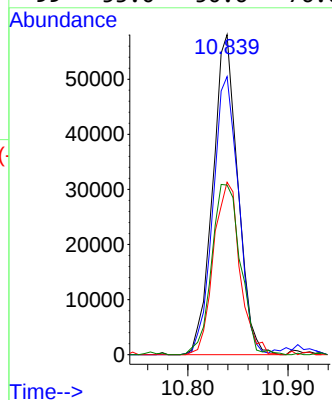
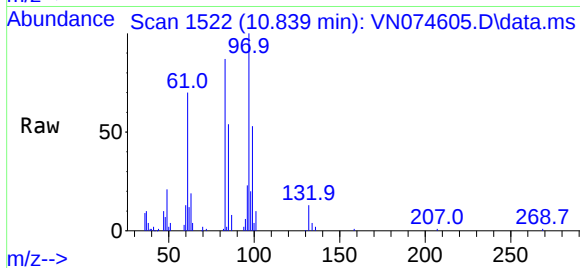


#55  
1,1,2-Trichloroethane  
Concen: 21.961 ug/l  
RT: 10.839 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

Tgt Ion: 97 Resp: 100863

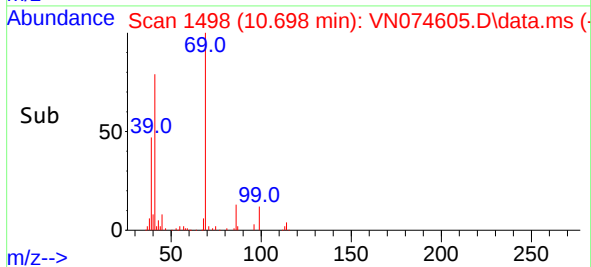
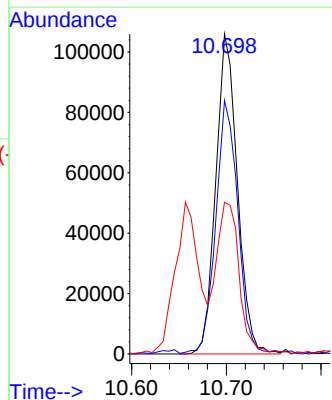
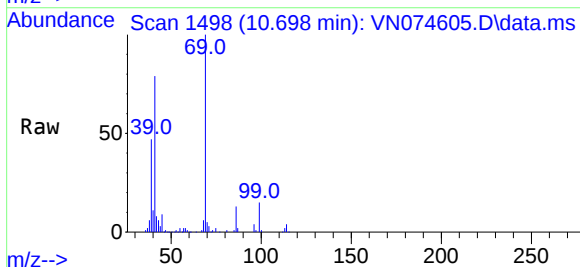
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.9  | 66.2  | 99.4  |
| 85  | 53.9  | 43.9  | 65.9  |
| 99  | 53.0  | 50.6  | 76.0  |

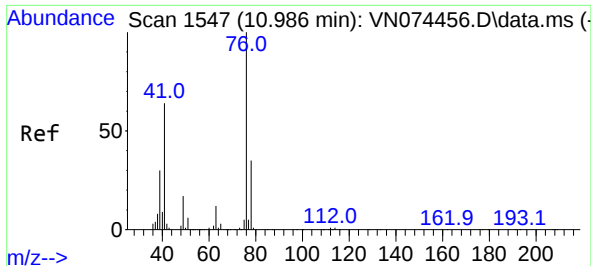


#56  
Ethyl methacrylate  
Concen: 20.513 ug/l  
RT: 10.698 min Scan# 1498  
Delta R.T. -0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 69 Resp: 168288

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 81.3  | 47.8  | 71.6# |
| 39  | 49.7  | 27.3  | 40.9# |





#57

1,3-Dichloropropane

Concen: 21.531 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN074605.D

Acq: 21 Sep 2022 11:37

Instrument :

MSVOA\_N

ClientSampleId :

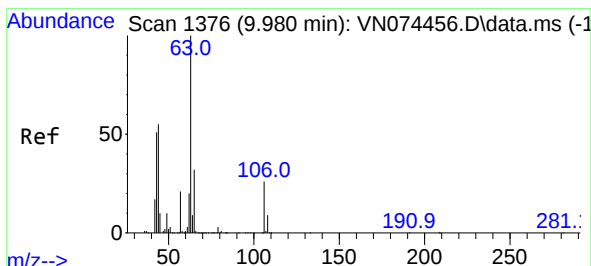
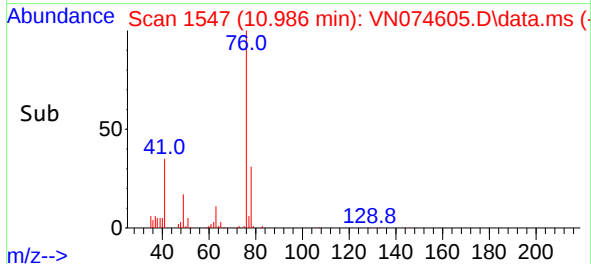
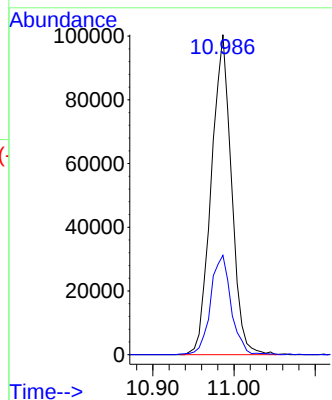
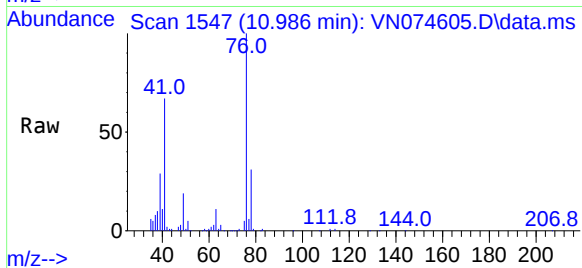
VN0921WBS01

Tgt Ion: 76 Resp: 173381

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 96.250 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074605.D

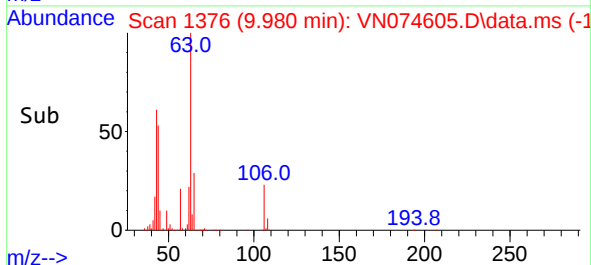
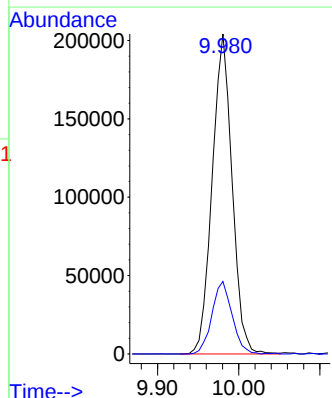
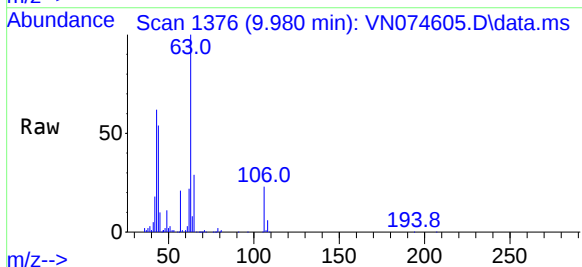
Acq: 21 Sep 2022 11:37

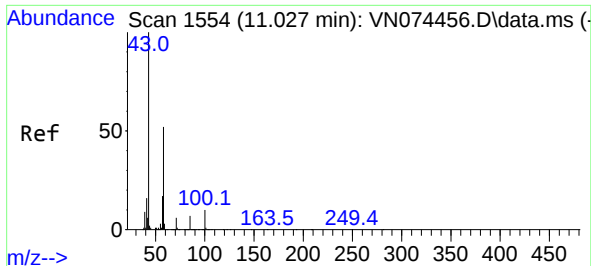
Tgt Ion: 63 Resp: 347514

Ion Ratio Lower Upper

63 100

106 22.9 24.6 36.8#

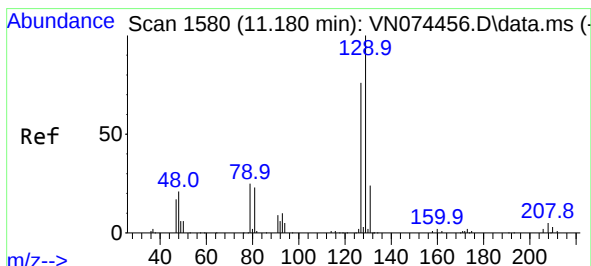
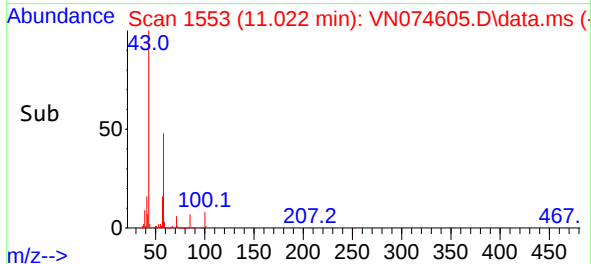
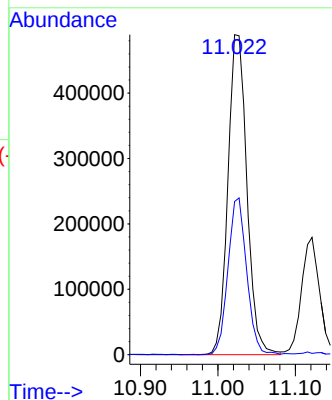
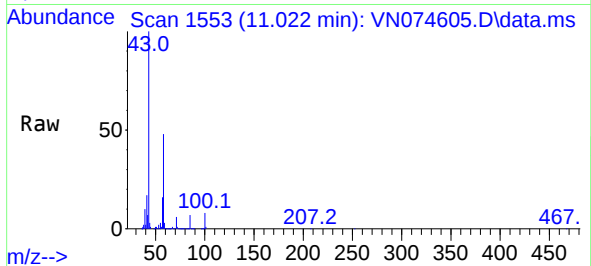




#59  
2-Hexanone  
Concen: 115.795 ug/l  
RT: 11.022 min Scan# 1554  
Delta R.T. -0.005 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

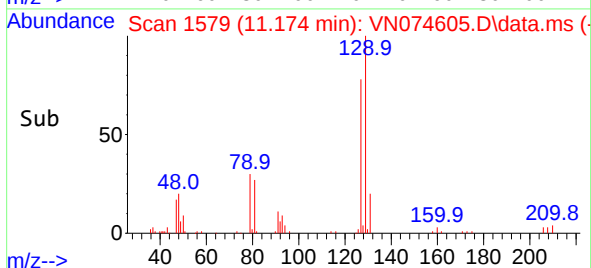
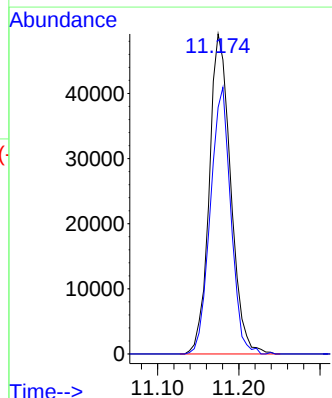
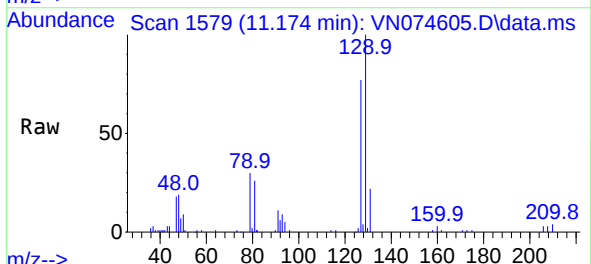
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

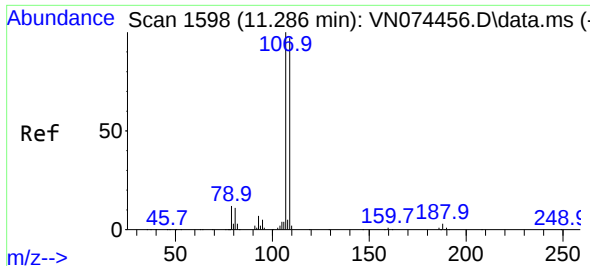
Tgt Ion: 43 Resp: 834972  
Ion Ratio Lower Upper  
43 100  
58 48.5 29.7 89.1



#60  
Dibromochloromethane  
Concen: 20.486 ug/l  
RT: 11.174 min Scan# 1579  
Delta R.T. -0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 129 Resp: 90073  
Ion Ratio Lower Upper  
129 100  
127 79.3 38.8 116.4

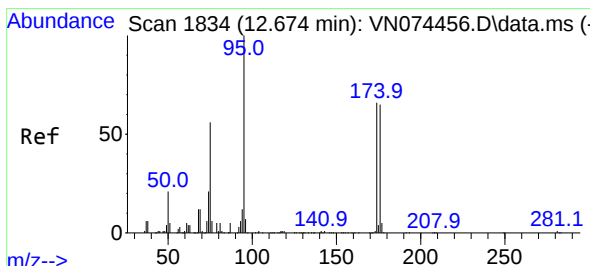
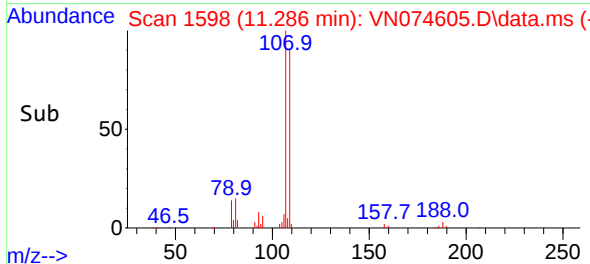
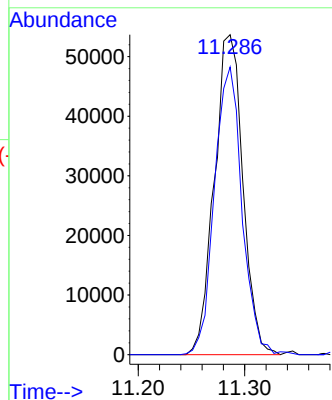
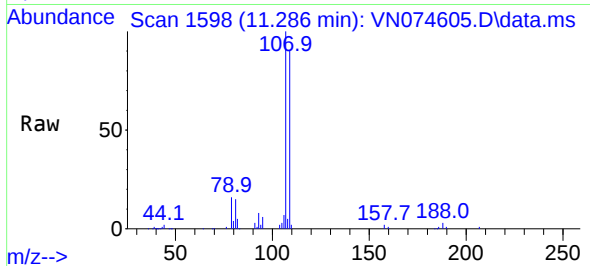




#61  
1,2-Dibromoethane  
Concen: 22.385 ug/l  
RT: 11.286 min Scan# 1598  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

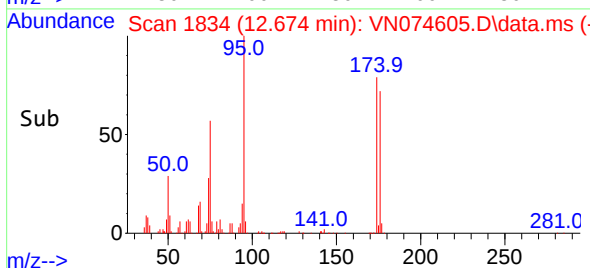
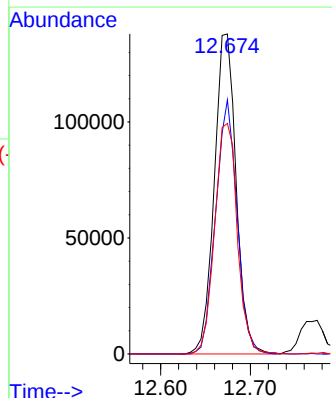
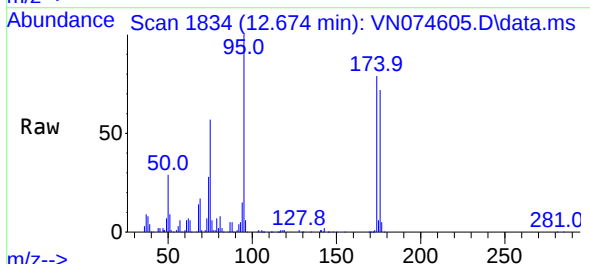
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

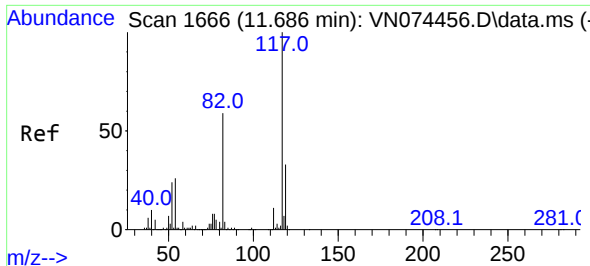
Tgt Ion:107 Resp: 99877  
Ion Ratio Lower Upper  
107 100  
109 87.0 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 52.102 ug/l  
RT: 12.674 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 95 Resp: 233138  
Ion Ratio Lower Upper  
95 100  
174 77.8 0.0 167.6  
176 74.6 0.0 163.4

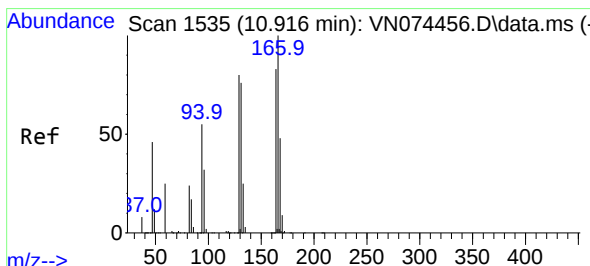
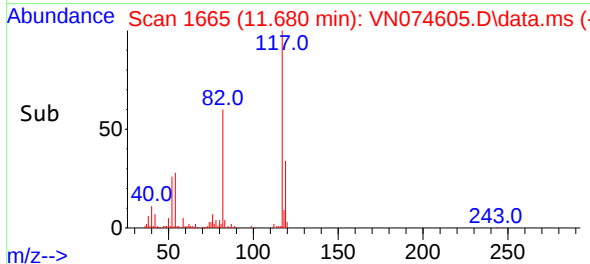
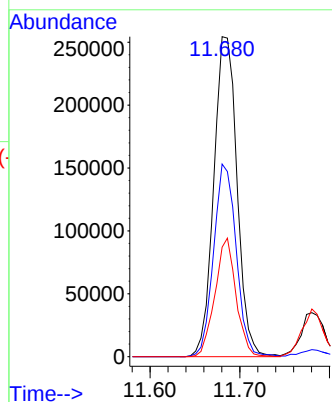
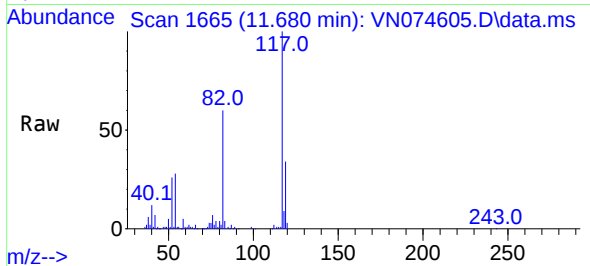




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.680 min Scan# 1170  
Delta R.T. -0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

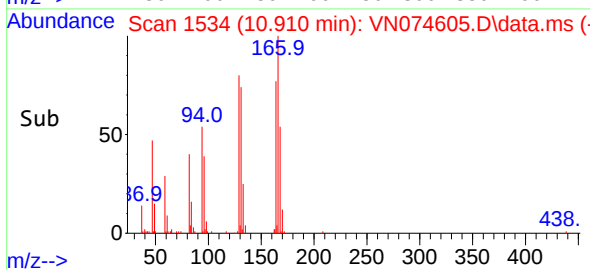
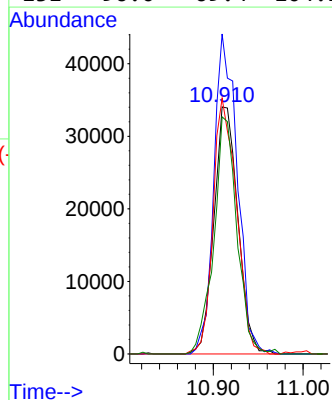
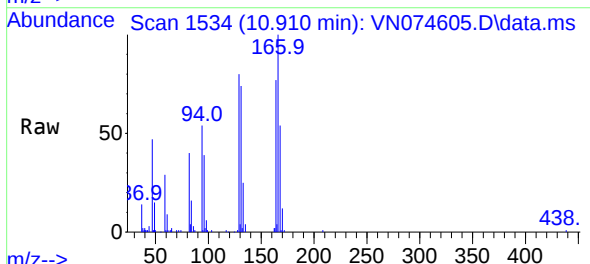
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

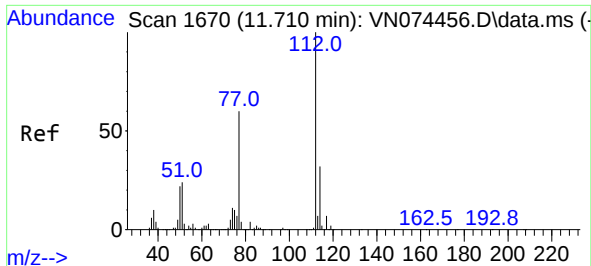
Tgt Ion:117 Resp: 458174  
Ion Ratio Lower Upper  
117 100  
82 60.2 44.2 66.2  
119 34.2 25.4 38.0



#64  
Tetrachloroethene  
Concen: 20.144 ug/l  
RT: 10.910 min Scan# 1534  
Delta R.T. -0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion:164 Resp: 63338  
Ion Ratio Lower Upper  
164 100  
166 129.5 104.2 156.2  
129 103.5 73.9 110.9  
131 96.0 69.4 104.2

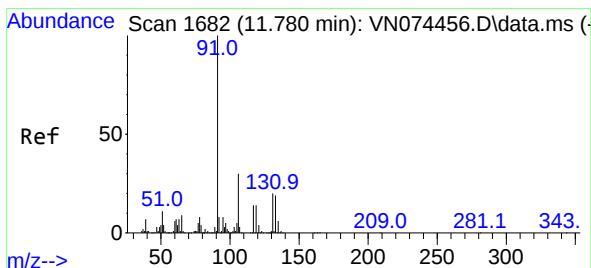
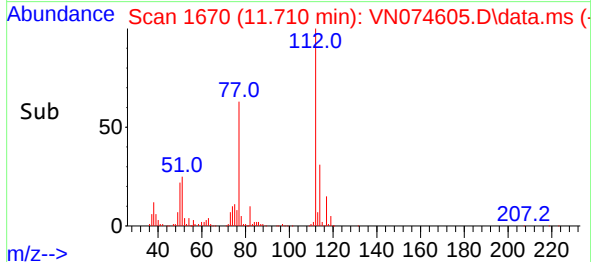
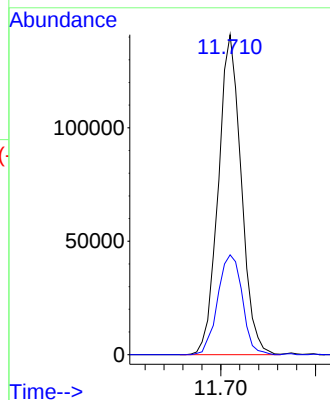
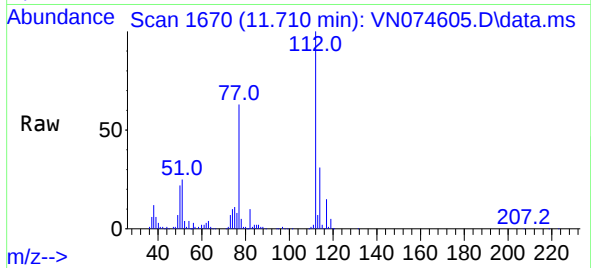




#65  
Chlorobenzene  
Concen: 20.650 ug/l  
RT: 11.710 min Scan# 1670  
Delta R.T. -0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

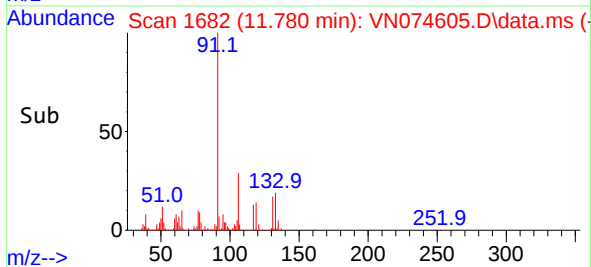
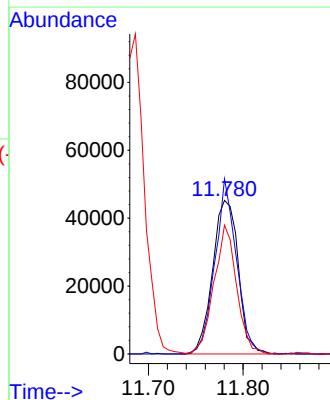
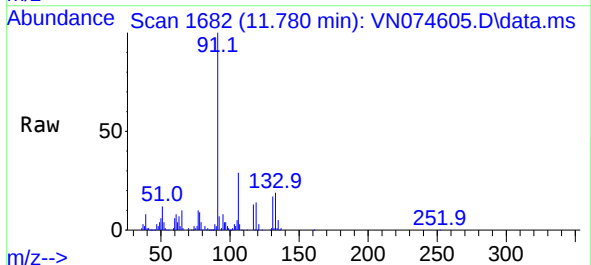
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

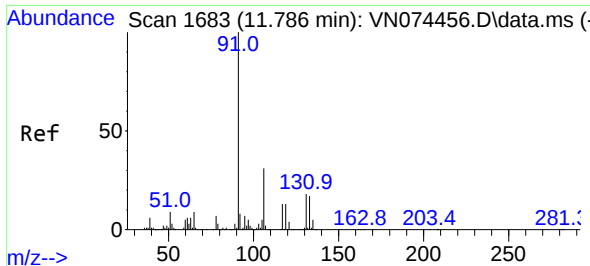
Tgt Ion:112 Resp: 237522  
Ion Ratio Lower Upper  
112 100  
114 31.2 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.374 ug/l  
RT: 11.780 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion:131 Resp: 85144  
Ion Ratio Lower Upper  
131 100  
133 96.1 47.8 143.4  
119 74.2 33.4 100.2

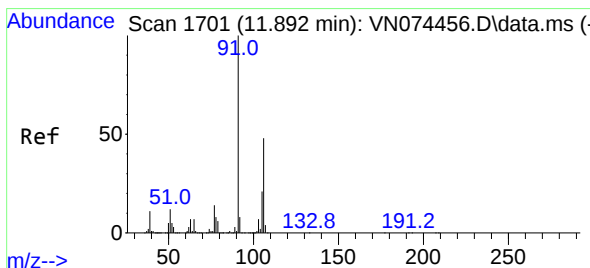
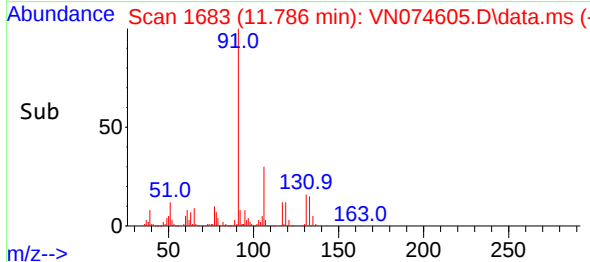
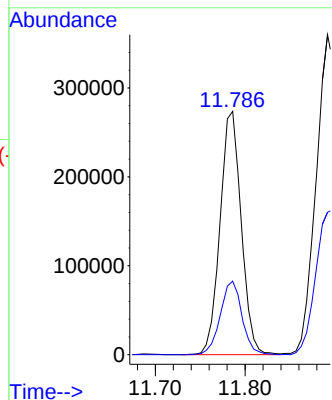
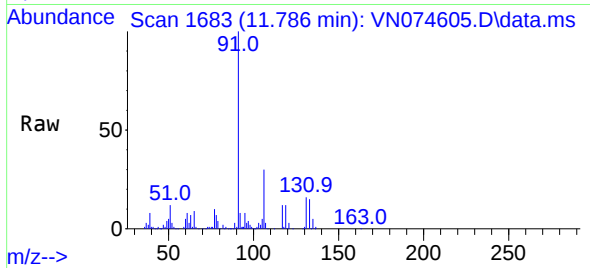




#67  
Ethyl Benzene  
Concen: 21.266 ug/l  
RT: 11.786 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

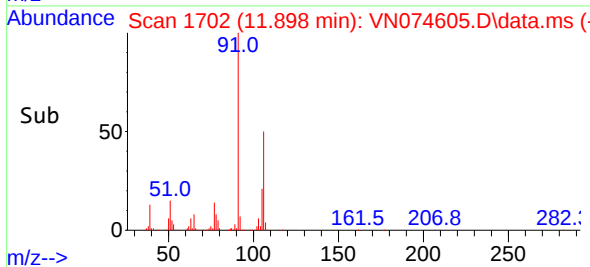
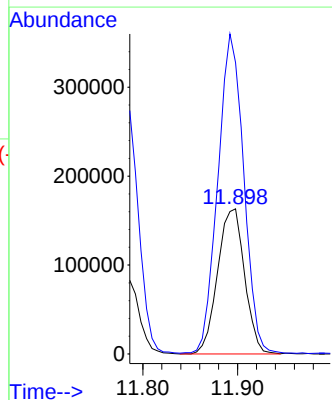
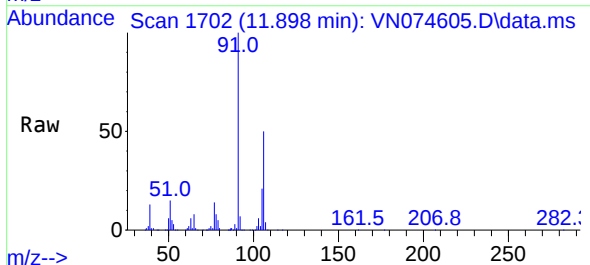
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

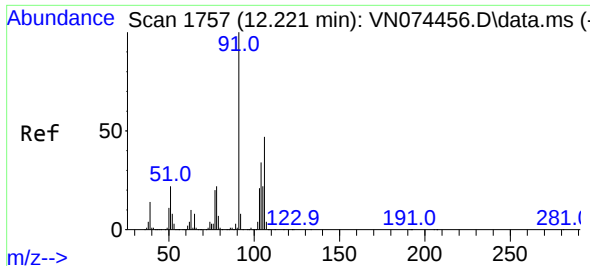
Tgt Ion: 91 Resp: 449087  
Ion Ratio Lower Upper  
91 100  
106 30.3 24.9 37.3



#68  
m/p-Xylenes  
Concen: 41.401 ug/l  
RT: 11.898 min Scan# 1702  
Delta R.T. 0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 106 Resp: 323259  
Ion Ratio Lower Upper  
106 100  
91 211.0 158.9 238.3

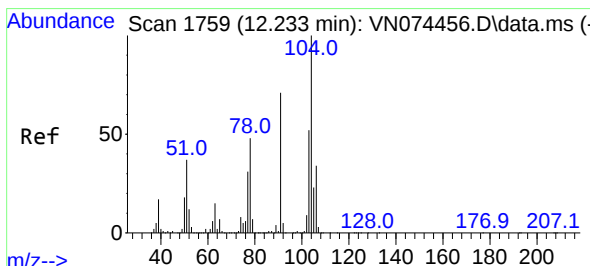
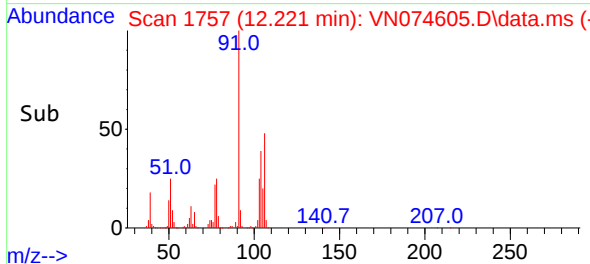
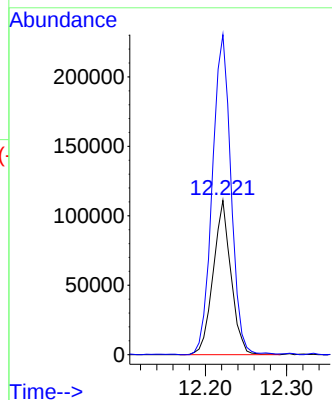
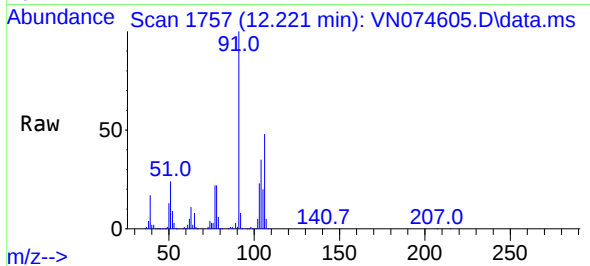




#69  
o-Xylene  
Concen: 21.235 ug/l  
RT: 12.221 min Scan# 1757  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

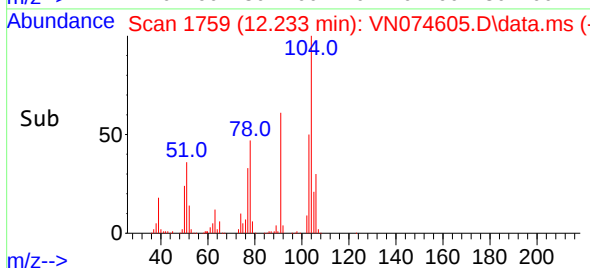
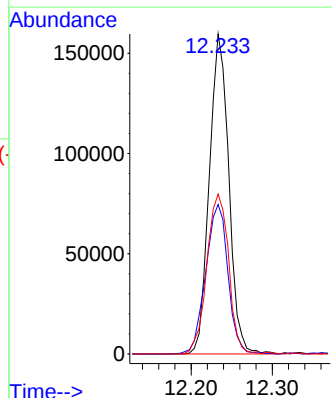
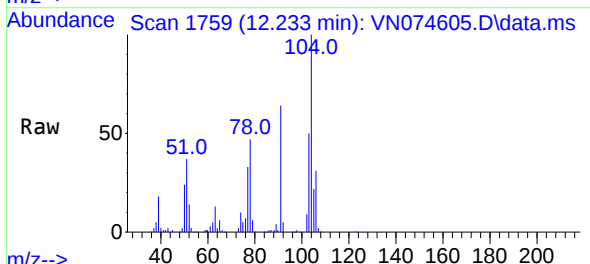
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

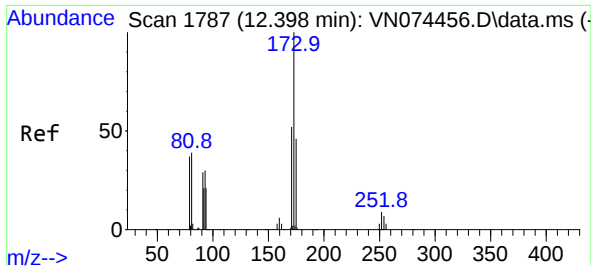
Tgt Ion:106 Resp: 169053  
Ion Ratio Lower Upper  
106 100  
91 217.2 106.0 318.0



#70  
Styrene  
Concen: 20.108 ug/l  
RT: 12.233 min Scan# 1759  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion:104 Resp: 266278  
Ion Ratio Lower Upper  
104 100  
78 53.3 39.5 59.3  
103 56.0 44.0 66.0

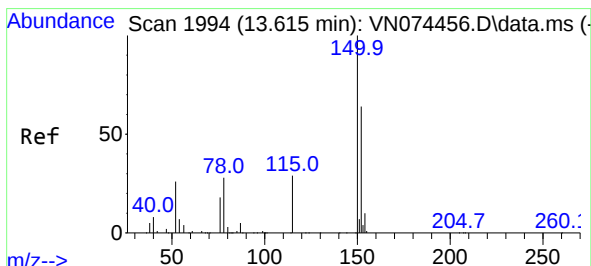
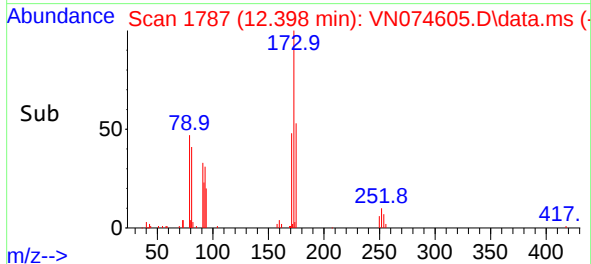
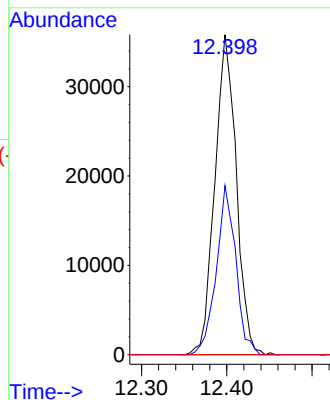
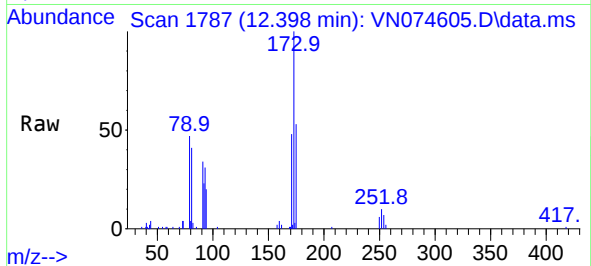




#71  
Bromoform  
Concen: 20.372 ug/l  
RT: 12.398 min Scan# 1787  
Delta R.T. -0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

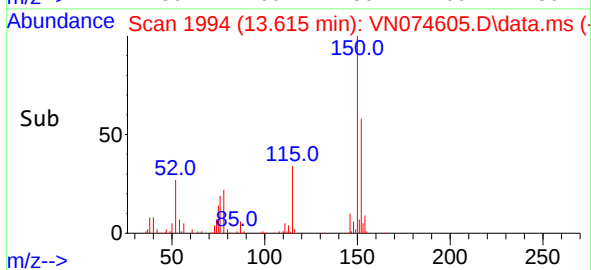
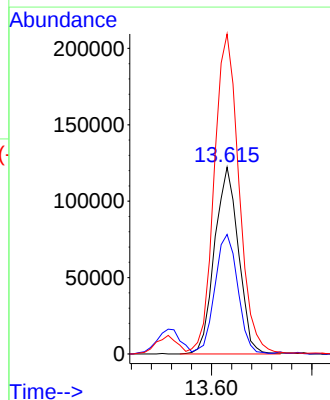
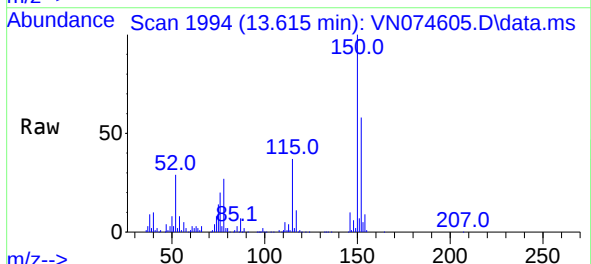
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

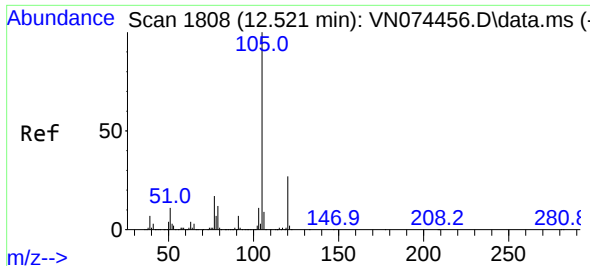
Tgt Ion:173 Resp: 62573  
Ion Ratio Lower Upper  
173 100  
175 48.1 24.6 73.6  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.615 min Scan# 1994  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion:152 Resp: 202175  
Ion Ratio Lower Upper  
152 100  
115 61.1 28.9 86.7  
150 177.5 0.0 356.2

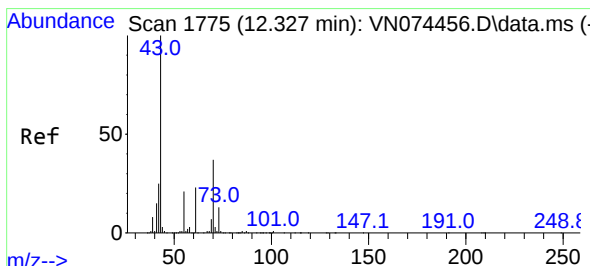
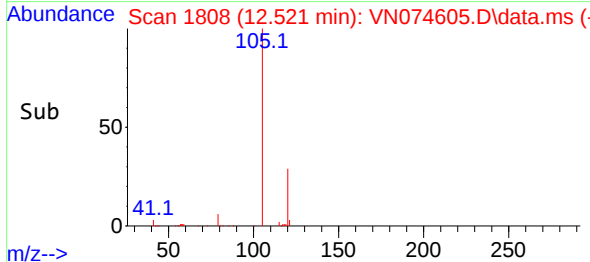
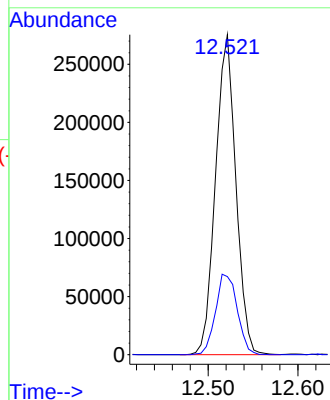
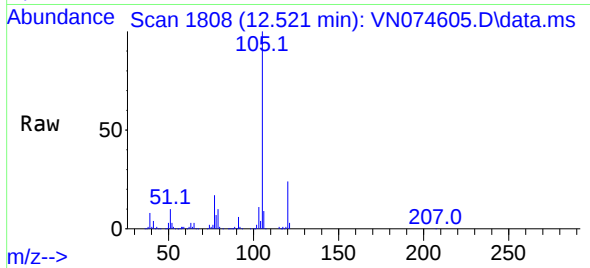




#73  
Isopropylbenzene  
Concen: 20.961 ug/l  
RT: 12.521 min Scan# 1808  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

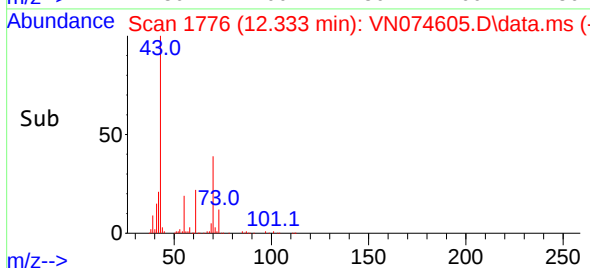
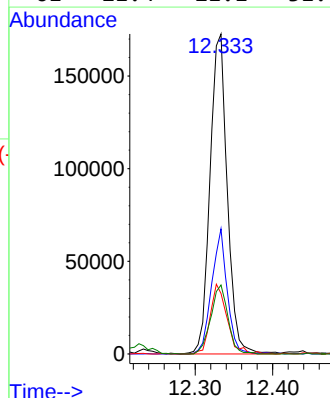
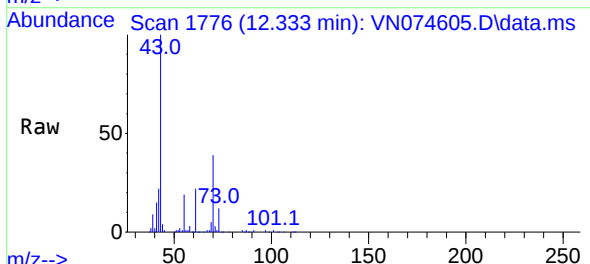
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

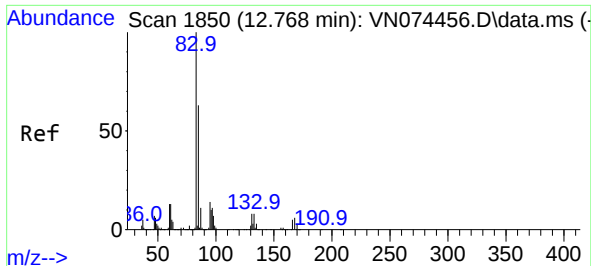
Tgt Ion:105 Resp: 433916  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.5 40.4



#74  
N-ethyl acetate  
Concen: 20.608 ug/l  
RT: 12.333 min Scan# 1776  
Delta R.T. 0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 43 Resp: 266738  
Ion Ratio Lower Upper  
43 100  
70 35.3 39.0 58.4#  
55 21.0 21.1 31.7#  
61 21.4 21.1 31.7

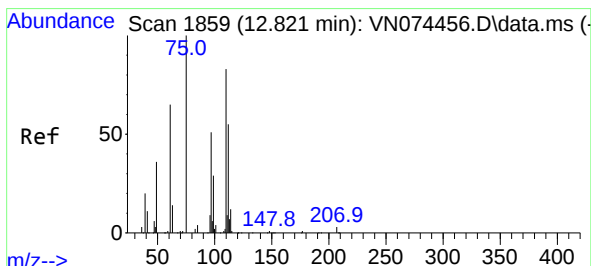
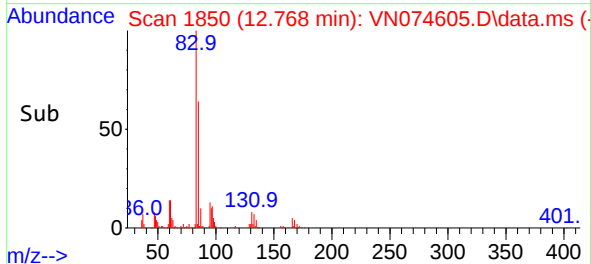
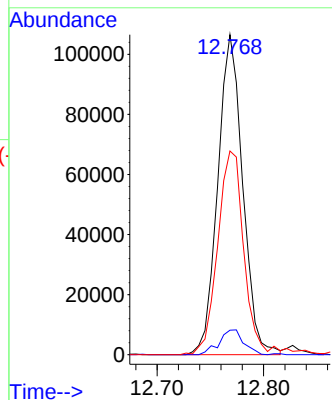
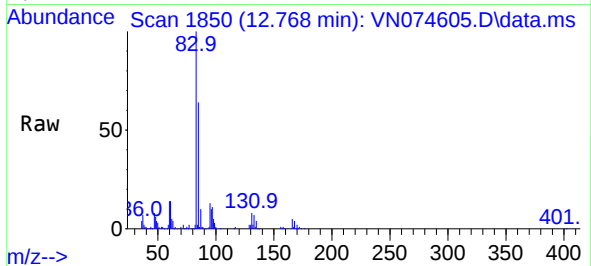




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.881 ug/l  
RT: 12.768 min Scan# 1850  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

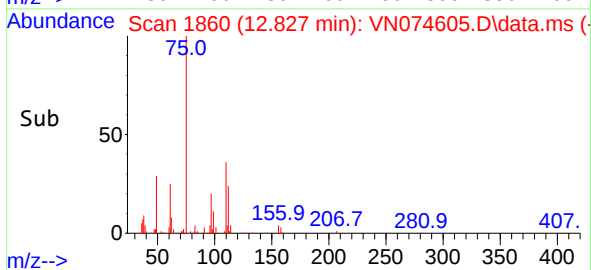
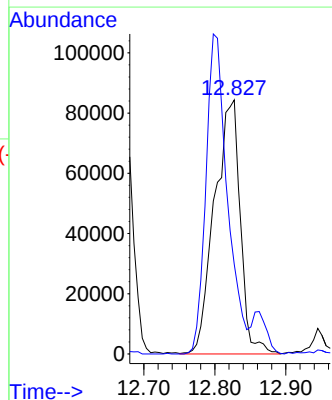
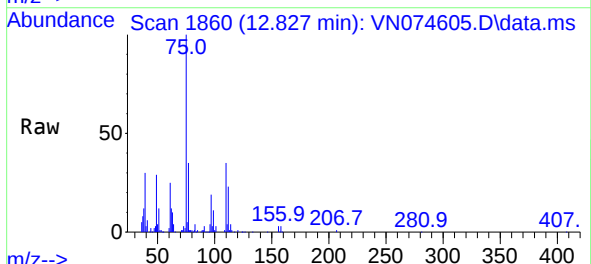
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

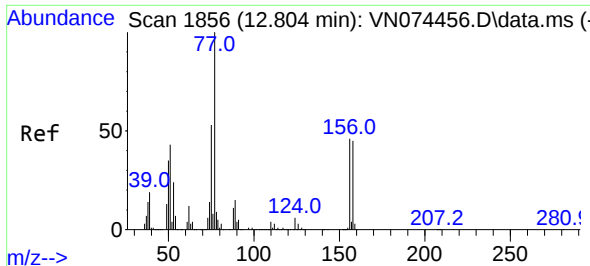
Tgt Ion: 83 Resp: 173227  
Ion Ratio Lower Upper  
83 100  
131 7.6 5.3 15.9  
85 68.1 32.3 96.9



#76  
1,2,3-Trichloropropane  
Concen: 34.086 ug/l  
RT: 12.827 min Scan# 1860  
Delta R.T. 0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 75 Resp: 212123  
Ion Ratio Lower Upper  
75 100  
77 0.0 98.5 295.5#

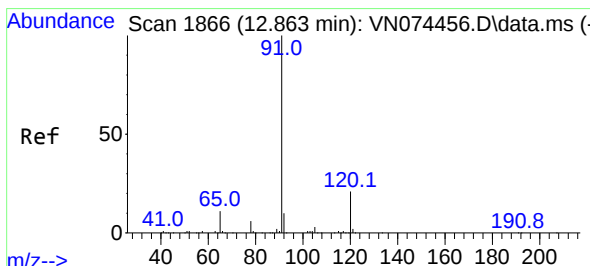
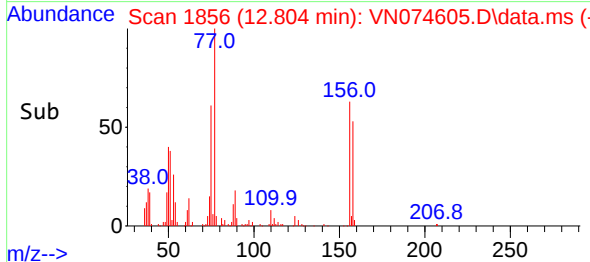
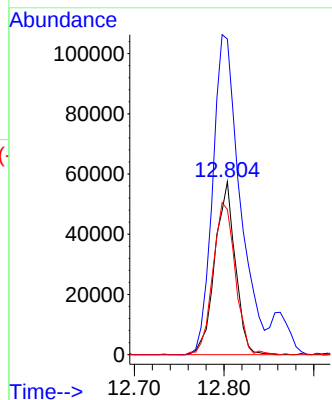
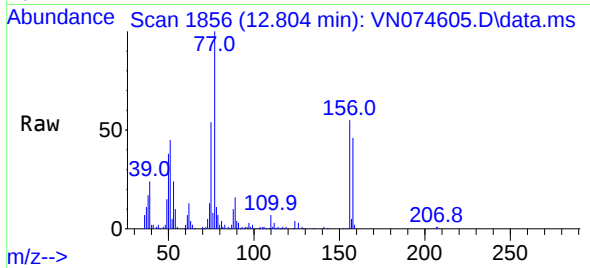




#77  
Bromobenzene  
Concen: 20.536 ug/l  
RT: 12.804 min Scan# 1856  
Delta R.T. -0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

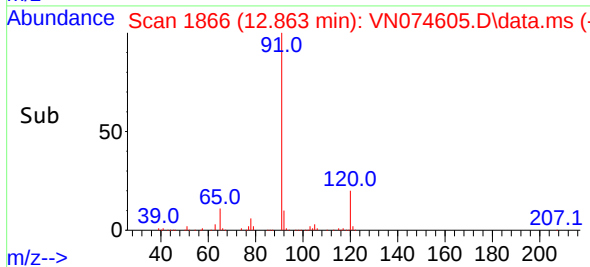
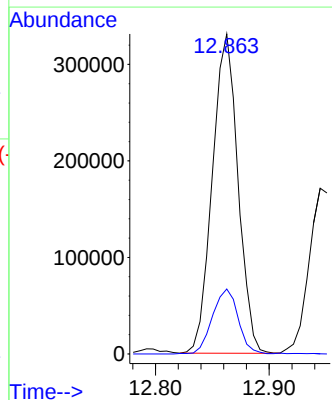
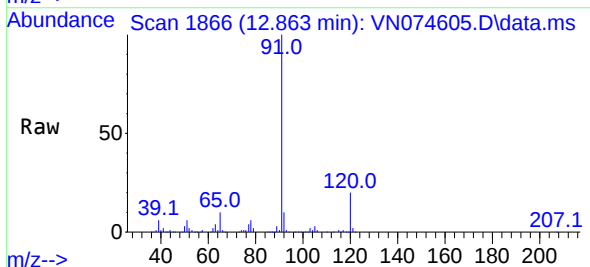
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

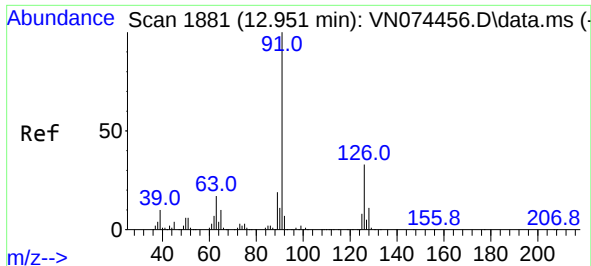
Tgt Ion:156 Resp: 90812  
Ion Ratio Lower Upper  
156 100  
77 245.9 100.5 301.5  
158 96.7 48.9 146.6



#78  
n-propylbenzene  
Concen: 21.034 ug/l  
RT: 12.863 min Scan# 1866  
Delta R.T. -0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 91 Resp: 518605  
Ion Ratio Lower Upper  
91 100  
120 20.4 11.9 35.5

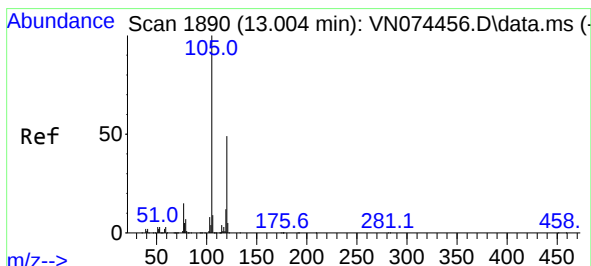
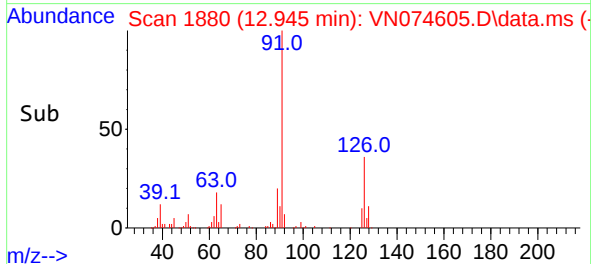
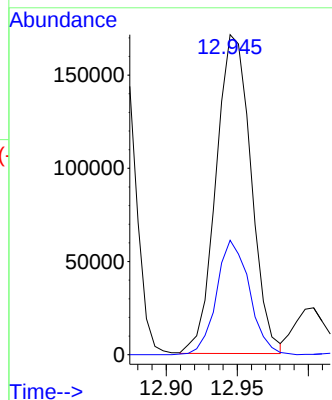
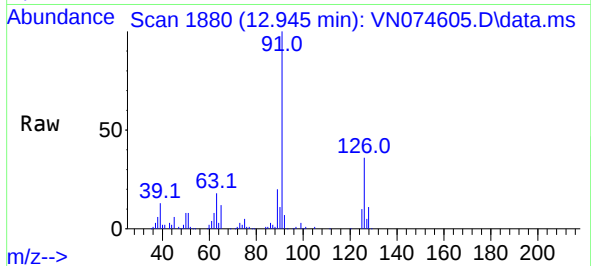




#79  
2-Chlorotoluene  
Concen: 19.935 ug/l  
RT: 12.945 min Scan# 1880  
Delta R.T. -0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

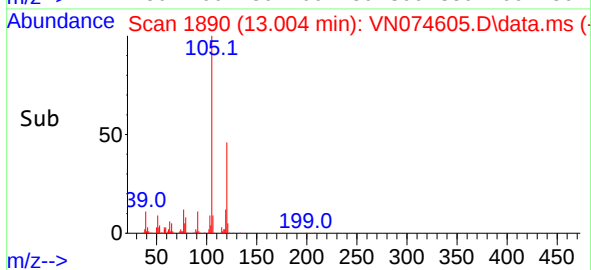
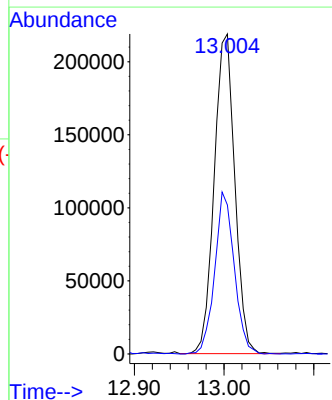
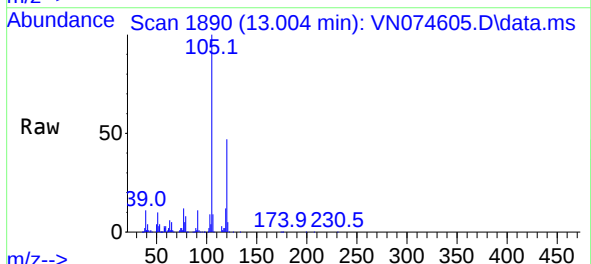
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

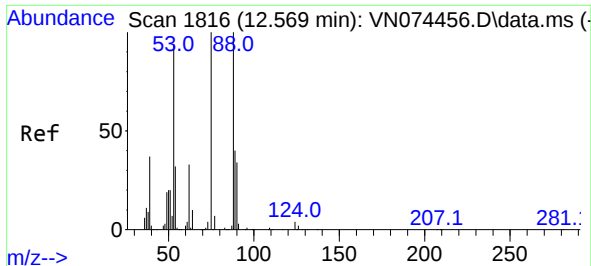
Tgt Ion: 91 Resp: 293410  
Ion Ratio Lower Upper  
91 100  
126 33.8 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 20.643 ug/l  
RT: 13.004 min Scan# 1890  
Delta R.T. -0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 105 Resp: 348362  
Ion Ratio Lower Upper  
105 100  
120 48.1 24.9 74.7

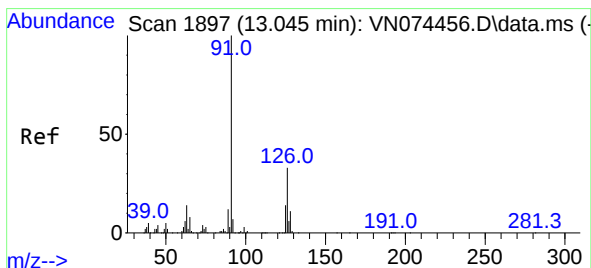
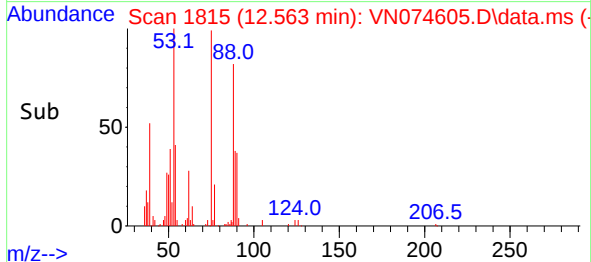
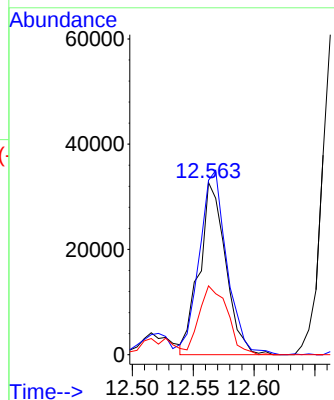
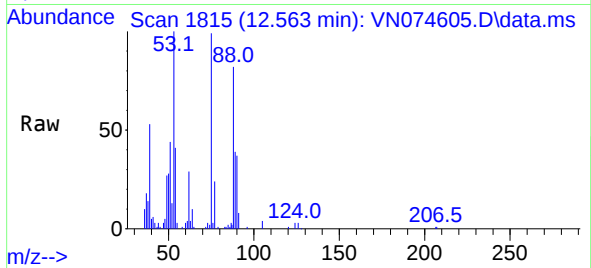




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.054 ug/l  
RT: 12.563 min Scan# 1815  
Delta R.T. -0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

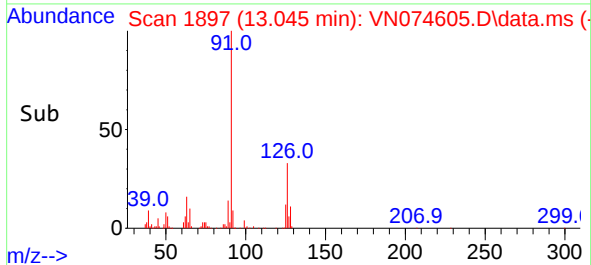
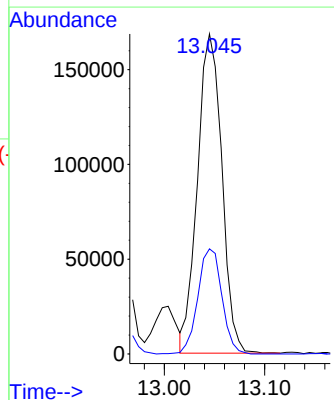
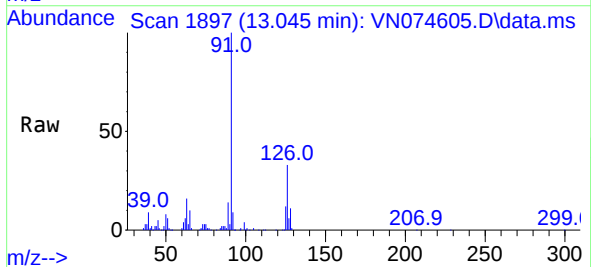
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

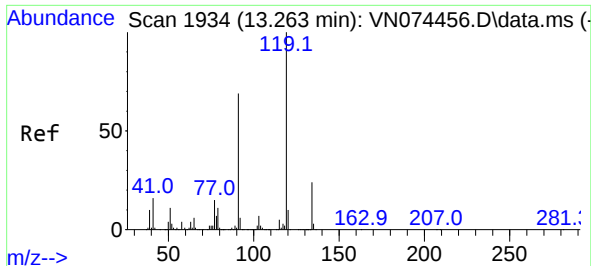
Tgt Ion: 75 Resp: 49171  
Ion Ratio Lower Upper  
75 100  
53 112.6 78.0 117.0  
89 42.8 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 20.391 ug/l  
RT: 13.045 min Scan# 1897  
Delta R.T. -0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 91 Resp: 285263  
Ion Ratio Lower Upper  
91 100  
126 32.4 17.2 51.6

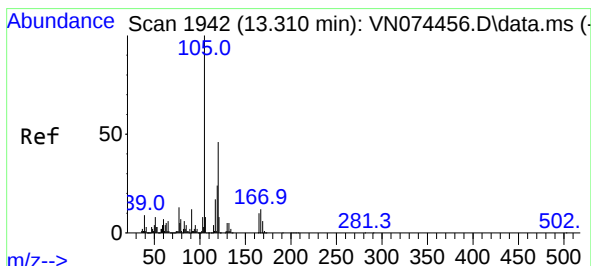
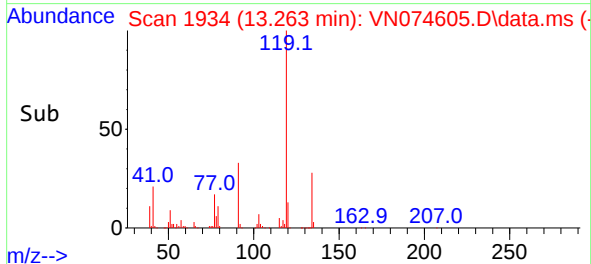
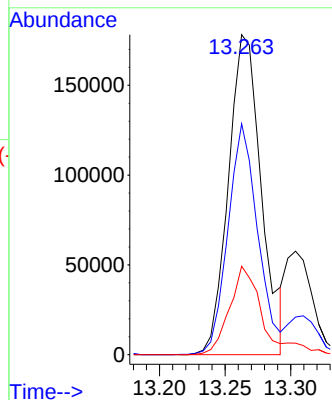
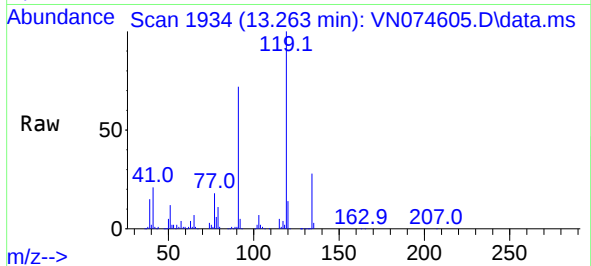




#83  
tert-Butylbenzene  
Concen: 20.295 ug/l  
RT: 13.263 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

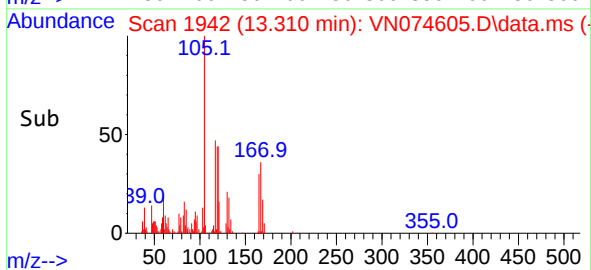
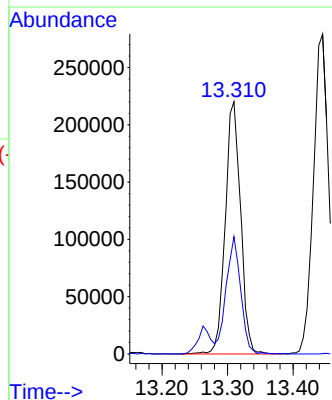
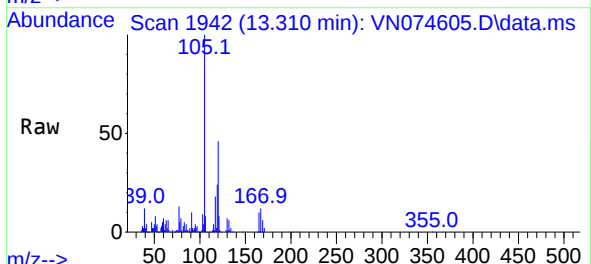
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

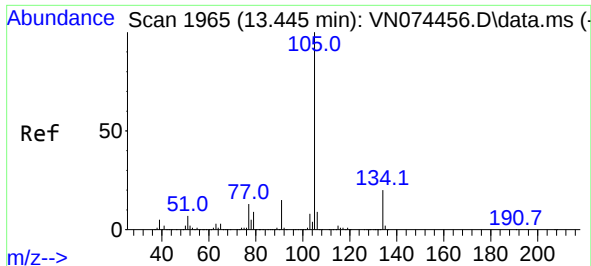
Tgt Ion:119 Resp: 311686  
Ion Ratio Lower Upper  
119 100  
91 65.5 31.6 94.8  
134 27.8 13.7 41.1



#84  
1,2,4-Trimethylbenzene  
Concen: 21.033 ug/l  
RT: 13.310 min Scan# 1942  
Delta R.T. -0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion:105 Resp: 357196  
Ion Ratio Lower Upper  
105 100  
120 44.3 23.3 69.8

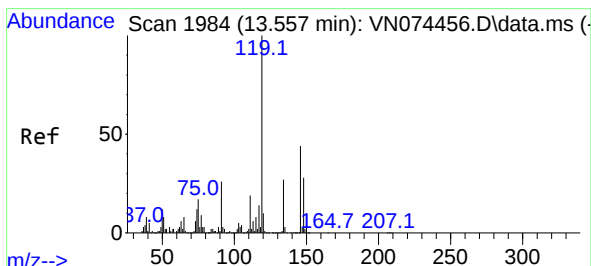
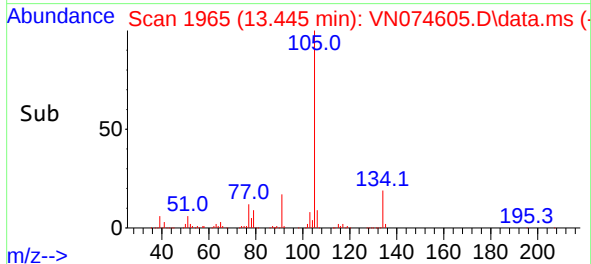
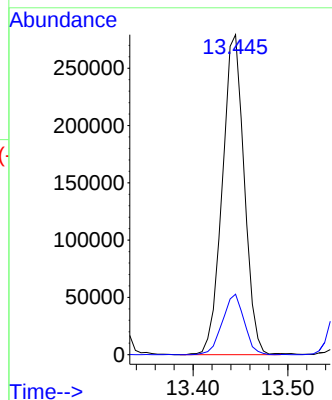
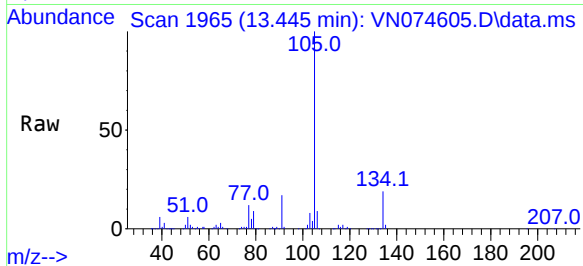




#85  
 sec-Butylbenzene  
 Concen: 21.305 ug/l  
 RT: 13.445 min Scan# 1965  
 Delta R.T. -0.000 min  
 Lab File: VN074605.D  
 Acq: 21 Sep 2022 11:37

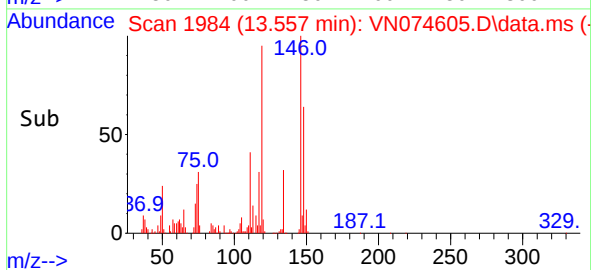
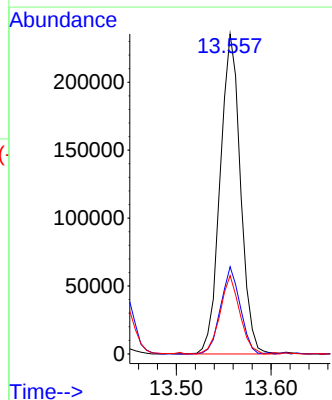
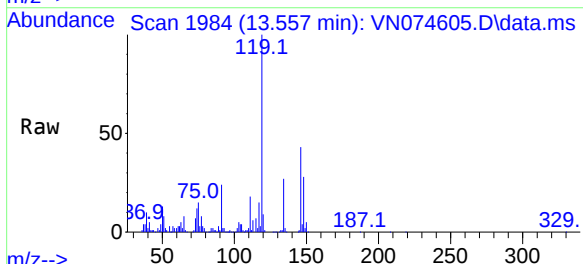
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0921WBS01

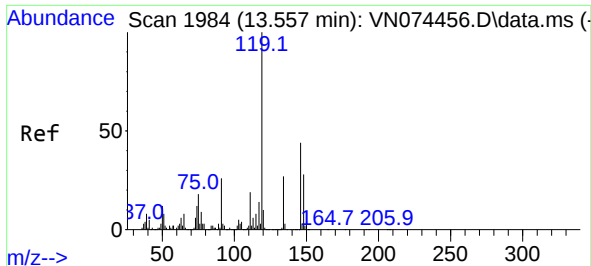
Tgt Ion:105 Resp: 449280  
 Ion Ratio Lower Upper  
 105 100  
 134 18.8 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 21.390 ug/l  
 RT: 13.557 min Scan# 1984  
 Delta R.T. -0.000 min  
 Lab File: VN074605.D  
 Acq: 21 Sep 2022 11:37

Tgt Ion:119 Resp: 351651  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 13.3 39.8  
 91 23.6 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 20.408 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. -0.000 min

Lab File: VN074605.D

Acq: 21 Sep 2022 11:37

Instrument :

MSVOA\_N

ClientSampleId :

VN0921WBS01

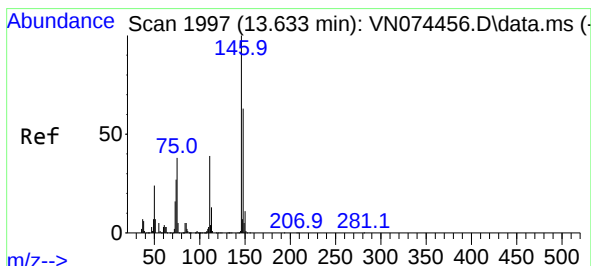
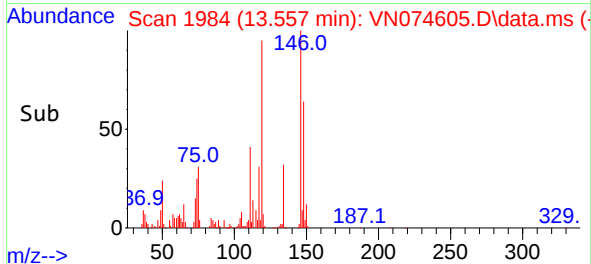
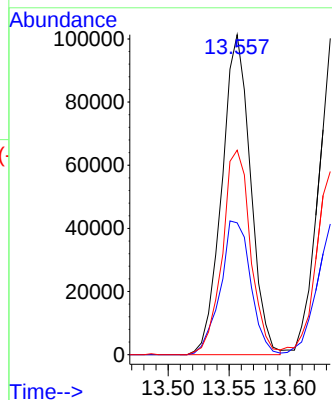
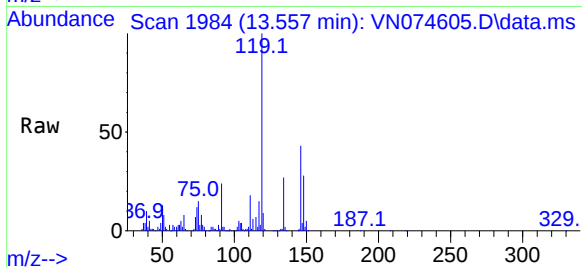
Tgt Ion:146 Resp: 165839

Ion Ratio Lower Upper

146 100

111 44.1 20.0 60.0

148 63.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 20.411 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. 0.000 min

Lab File: VN074605.D

Acq: 21 Sep 2022 11:37

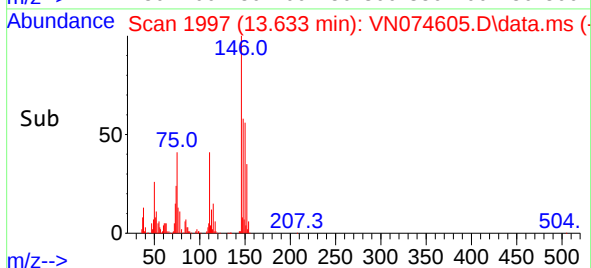
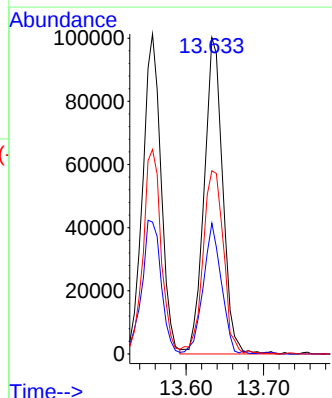
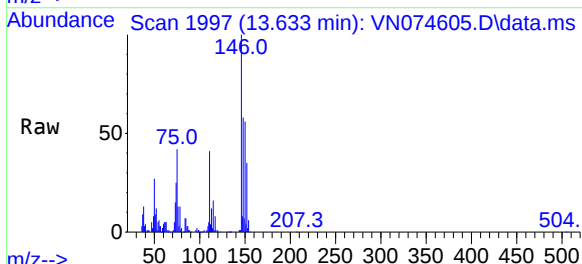
Tgt Ion:146 Resp: 166701

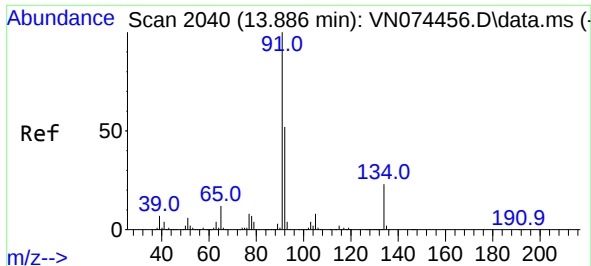
Ion Ratio Lower Upper

146 100

111 40.2 19.1 57.1

148 64.5 31.4 94.3

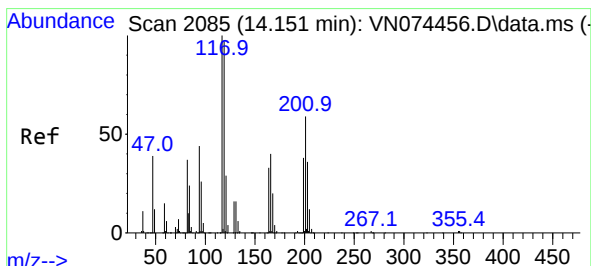
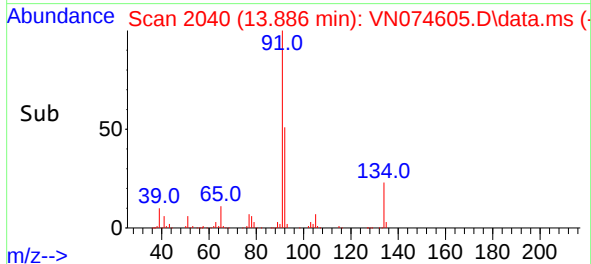
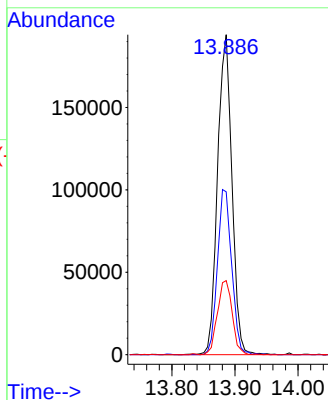
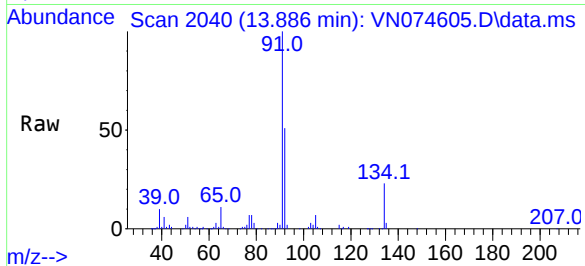




#89  
n-Butylbenzene  
Concen: 20.695 ug/l  
RT: 13.886 min Scan# 2040  
Delta R.T. 0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

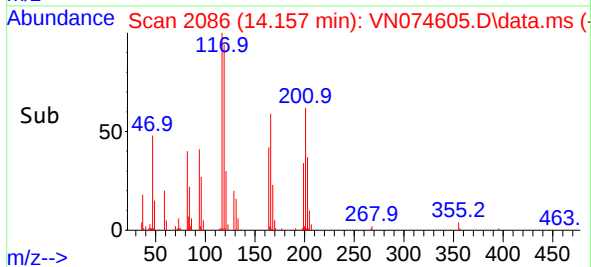
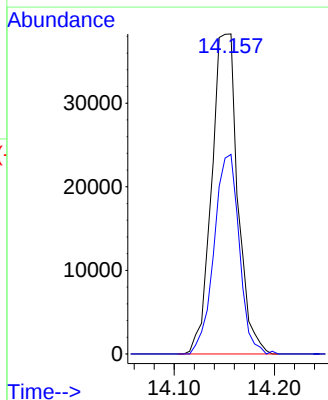
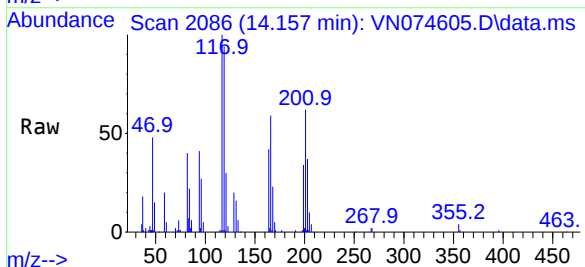
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

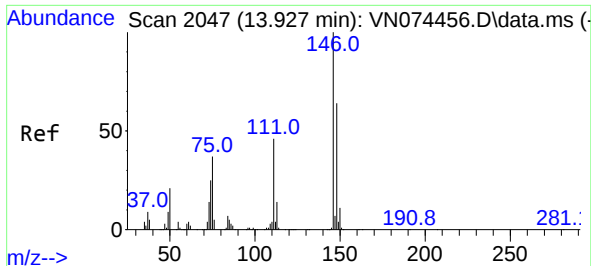
Tgt Ion: 91 Resp: 306656  
Ion Ratio Lower Upper  
91 100  
92 51.3 26.9 80.7  
134 24.0 13.6 40.8



#90  
Hexachloroethane  
Concen: 19.304 ug/l  
RT: 14.157 min Scan# 2086  
Delta R.T. 0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion: 117 Resp: 69050  
Ion Ratio Lower Upper  
117 100  
201 60.2 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 20.824 ug/l

RT: 13.927 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VN074605.D

Acq: 21 Sep 2022 11:37

Instrument :

MSVOA\_N

ClientSampleId :

VN0921WBS01

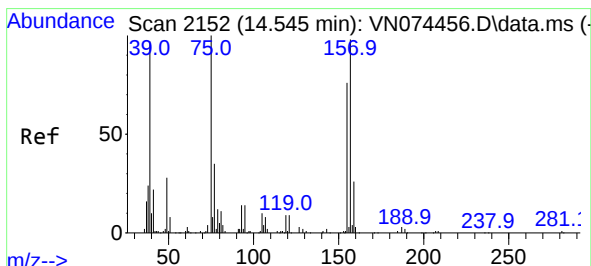
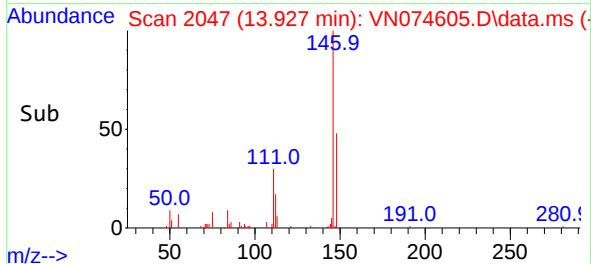
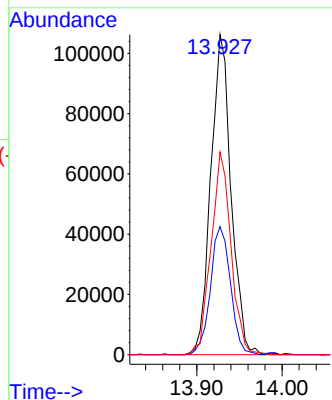
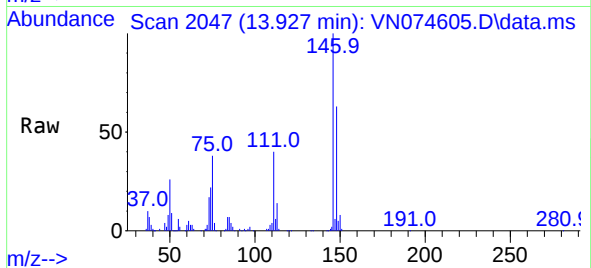
Tgt Ion:146 Resp: 175550

Ion Ratio Lower Upper

146 100

111 39.5 20.9 62.8

148 62.5 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.827 ug/l

RT: 14.545 min Scan# 2152

Delta R.T. -0.000 min

Lab File: VN074605.D

Acq: 21 Sep 2022 11:37

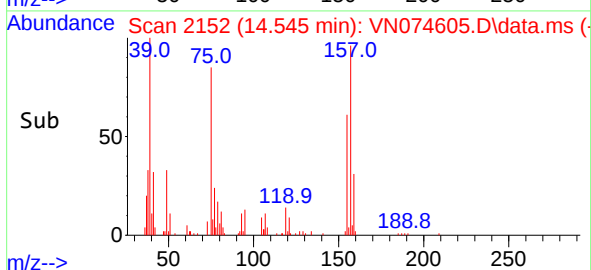
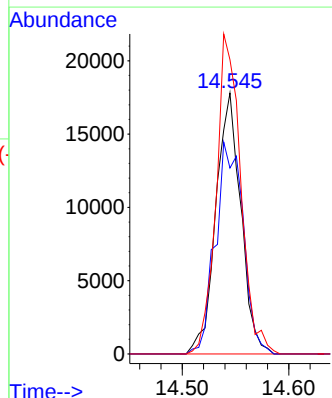
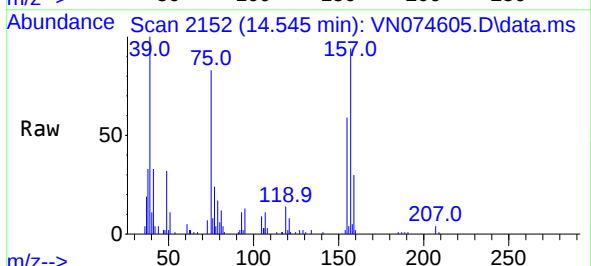
Tgt Ion: 75 Resp: 28993

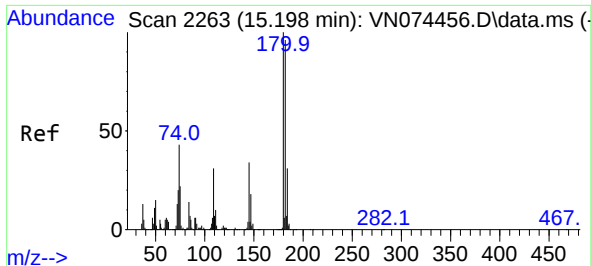
Ion Ratio Lower Upper

75 100

155 90.5 44.9 134.5

157 120.0 59.0 176.8

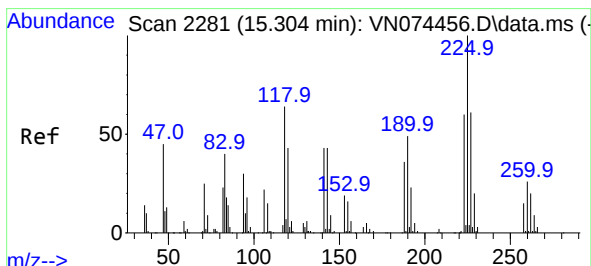
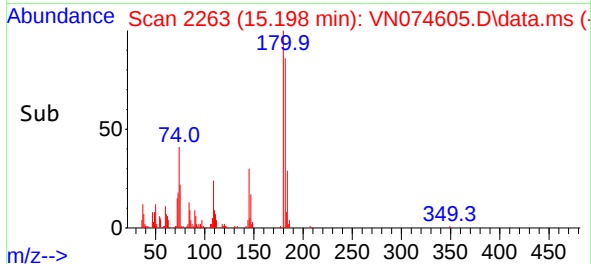
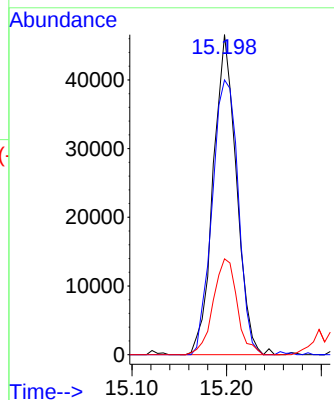
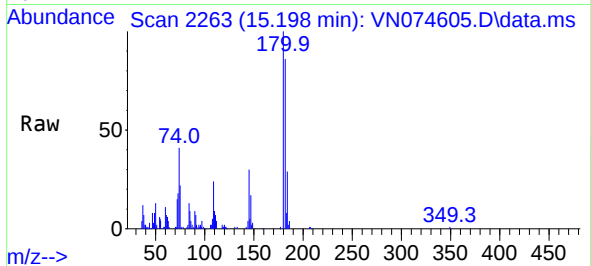




#93  
1,2,4-Trichlorobenzene  
Concen: 19.733 ug/l  
RT: 15.198 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

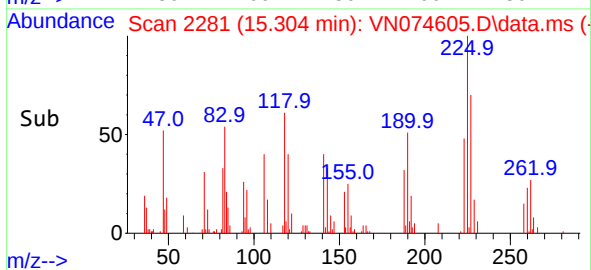
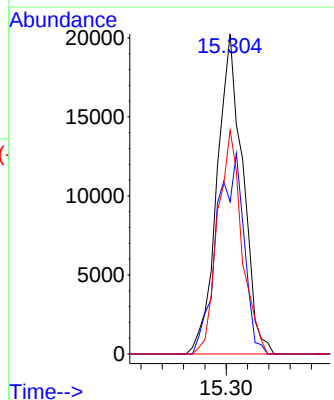
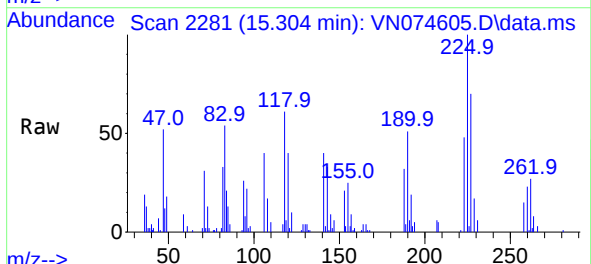
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

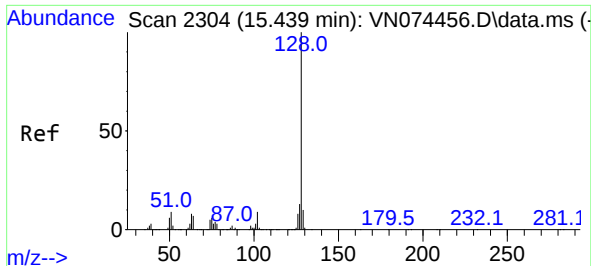
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 79255 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.2  | 47.5  | 142.5 |
| 145       | 31.0  | 14.5  | 43.5  |



#94  
Hexachlorobutadiene  
Concen: 19.223 ug/l  
RT: 15.304 min Scan# 2281  
Delta R.T. -0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 33931 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 66.2  | 32.4  | 97.2  |
| 227       | 65.9  | 31.8  | 95.4  |

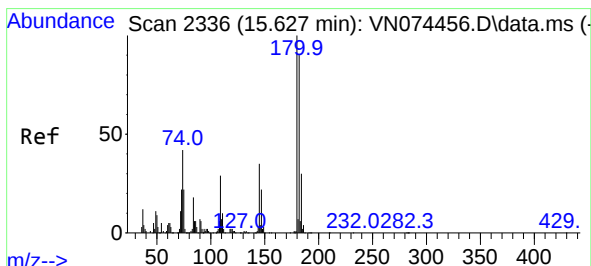
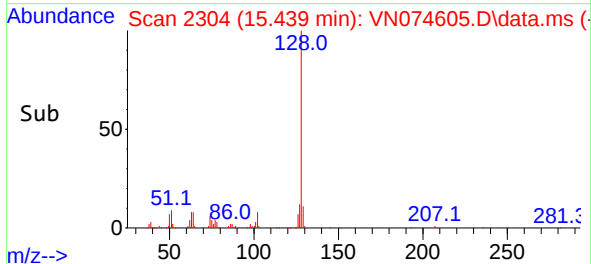
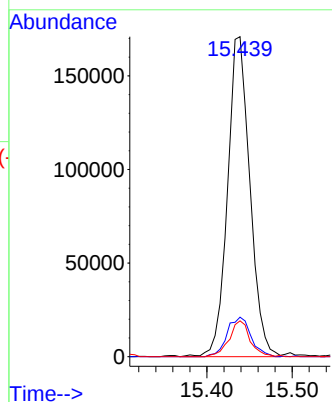
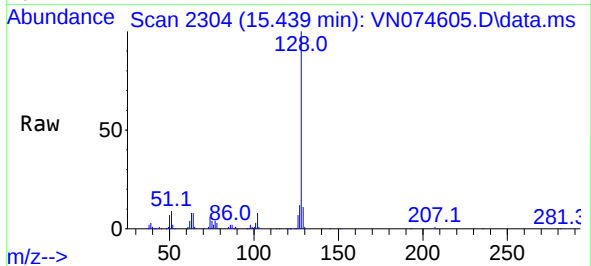




#95  
Naphthalene  
Concen: 19.031 ug/l  
RT: 15.439 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0921WBS01

Tgt Ion:128 Resp: 311744  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.3 15.5  
129 10.6 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 20.336 ug/l  
RT: 15.633 min Scan# 2337  
Delta R.T. 0.006 min  
Lab File: VN074605.D  
Acq: 21 Sep 2022 11:37

Tgt Ion:180 Resp: 81248  
Ion Ratio Lower Upper  
180 100  
182 90.6 47.8 143.3  
145 32.4 15.5 46.5

