

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090822\  
 Data File : VN074361.D  
 Acq On : 08 Sep 2022 16:39  
 Operator : JC\MD  
 Sample : VN0908WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 09 05:37:02 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N090822W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Sep 09 05:24:20 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Bromochloromethane        | 7.586  | 128   | 57941    | 30.000   | ug/l       | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.904  | 114   | 348303   | 30.000   | ug/l       | 0.00     |
| 57) Chlorobenzene-d5         | 11.686 | 117   | 326310   | 30.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 27) 1,2-Dichloroethane-d4    | 8.369  | 65    | 195405   | 32.847   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | = 109.500% |          |
| 60) 4-Bromofluorobenzene     | 12.674 | 95    | 191799   | 29.392   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | = 97.967%  |          |
| 63) Toluene-d8               | 10.380 | 98    | 555533   | 30.310   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | = 101.033% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.046  | 85    | 83961    | 20.471   | ug/l       | 94       |
| 3) Chloromethane             | 2.269  | 50    | 116396   | 20.592   | ug/l       | 91       |
| 4) Vinyl Chloride            | 2.404  | 62    | 129549   | 21.431   | ug/l       | 98       |
| 5) Bromomethane              | 2.793  | 94    | 95956    | 25.749   | ug/l       | 96       |
| 6) Chloroethane              | 2.957  | 64    | 93955    | 22.927   | ug/l       | 95       |
| 7) Trichlorofluoromethane    | 3.316  | 101   | 144105   | 21.073   | ug/l       | 99       |
| 8) Diethyl Ether             | 3.763  | 74    | 65603    | 23.013   | ug/l       | 91       |
| 9) 1,1,2-Trichlorotrifluo... | 4.134  | 101   | 83375    | 20.839   | ug/l       | 71       |
| 10) 1,1-Dichloroethene       | 4.110  | 96    | 81897    | 21.206   | ug/l       | 97       |
| 11) Methyl Iodide            | 4.346  | 142   | 102016   | 21.514   | ug/l       | 92       |
| 12) Methyl Acetate           | 4.769  | 43    | 177094   | 21.102   | ug/l       | 96       |
| 13) Acrolein                 | 3.981  | 56    | 124470   | 109.947  | ug/l       | 94       |
| 14) Acrylonitrile            | 5.475  | 53    | 360380   | 110.791  | ug/l       | 99       |
| 15) Acetone                  | 4.222  | 58    | 96971    | 112.499  | ug/l       | 95       |
| 16) Carbon Disulfide         | 4.457  | 76    | 222332   | 20.089   | ug/l #     | 95       |
| 17) Allyl chloride           | 4.757  | 41    | 179888   | 21.570   | ug/l       | 91       |
| 18) Methylene Chloride       | 5.010  | 84    | 103225   | 20.998   | ug/l #     | 83       |
| 19) trans-1,2-Dichloroethene | 5.504  | 96    | 57199    | 12.953   | ug/l       | 90       |
| 20) Diisopropyl ether        | 6.404  | 45    | 366872   | 21.363   | ug/l       | 94       |
| 21) 1,1-Dichloroethane       | 6.298  | 63    | 189060   | 20.959   | ug/l       | 97       |
| 22) cis-1,2-Dichloroethene   | 7.245  | 96    | 113747   | 21.195   | ug/l       | 96       |
| 23) tert-Butyl Alcohol       | 5.281  | 59    | 166640   | 118.310  | ug/l #     | 100      |
| 24) Methyl tert-Butyl Ether  | 5.528  | 73    | 349558   | 21.513   | ug/l       | 100      |
| 25) Chloroform               | 7.745  | 83    | 189135   | 20.638   | ug/l       | 89       |
| 26) Cyclohexane              | 8.022  | 56    | 170857   | 20.634   | ug/l       | 92       |
| 29) 1,1-Dichloropropene      | 8.151  | 75    | 136894   | 19.772   | ug/l       | 97       |
| 30) 2-Butanone               | 7.257  | 43    | 548365   | 111.839  | ug/l       | 93       |
| 31) 2,2-Dichloropropane      | 7.245  | 77    | 159245   | 18.797   | ug/l       | 100      |
| 32) 1,1,1-Trichloroethane    | 7.939  | 97    | 170660   | 19.995   | ug/l       | 96       |
| 33) Carbon Tetrachloride     | 8.133  | 117   | 141499   | 19.159   | ug/l       | 99       |
| 34) Benzene                  | 8.386  | 78    | 436336   | 20.498   | ug/l #     | 94       |
| 35) Methacrylonitrile        | 7.563  | 41    | 80980    | 17.975   | ug/l       | 99       |
| 36) 1,2-Dichloroethane       | 8.463  | 62    | 158807   | 20.391   | ug/l       | 95       |
| 37) Trichloroethene          | 9.145  | 130   | 94919    | 19.403   | ug/l       | 93       |
| 38) Methylcyclohexane        | 9.398  | 83    | 170797   | 19.596   | ug/l       | 93       |
| 39) 1,2-Dichloropropane      | 9.428  | 63    | 118205   | 21.563   | ug/l       | 97       |
| 40) Dibromomethane           | 9.516  | 93    | 81808    | 21.449   | ug/l       | 93       |
| 41) Bromodichloromethane     | 9.698  | 83    | 153260   | 20.222   | ug/l       | 94       |
| 42) Vinyl Acetate            | 6.345  | 43    | 1738191  | 107.407  | ug/l       | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090822\  
 Data File : VN074361.D  
 Acq On : 08 Sep 2022 16:39  
 Operator : JC\MD  
 Sample : VN0908WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

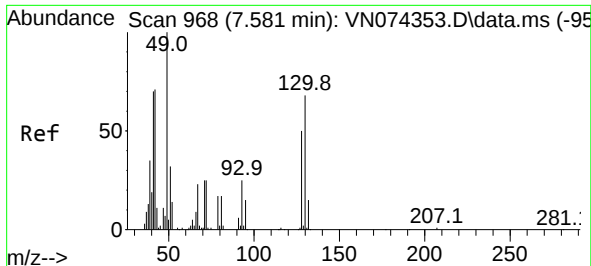
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 09 05:37:02 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N090822W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Sep 09 05:24:20 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 44) Isopropyl Acetate         | 8.492  | 43   | 331041   | 21.407  | ug/l   | 96       |
| 45) 1,4-Dioxane               | 9.498  | 88   | 60773    | 424.585 | ug/l   | 87       |
| 46) Methyl methacrylate       | 9.498  | 41   | 148036   | 22.384  | ug/l   | 89       |
| 47) n-amyl Acetate            | 12.333 | 43   | 295454   | 21.022  | ug/l   | 96       |
| 48) t-1,3-Dichloropropene     | 10.657 | 75   | 175654   | 19.842  | ug/l   | 98       |
| 49) cis-1,3-Dichloropropene   | 10.127 | 75   | 180718   | 20.003  | ug/l   | 97       |
| 50) 1,1,2-Trichloroethane     | 10.839 | 97   | 110796   | 20.533  | ug/l   | 95       |
| 51) Ethyl methacrylate        | 10.704 | 69   | 195571   | 20.371  | ug/l   | 92       |
| 52) 1,3-Dichloropropane       | 10.986 | 76   | 199248   | 21.291  | ug/l   | 97       |
| 53) Dibromochloromethane      | 11.180 | 129  | 114850   | 19.795  | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 11.286 | 107  | 116156   | 20.536  | ug/l   | 98       |
| 55) 2-Chloroethyl vinyl ether | 9.980  | 63   | 491940   | 106.676 | ug/l   | 97       |
| 56) Bromoform                 | 12.398 | 173  | 79405    | 17.965  | ug/l # | 96       |
| 58) 4-Methyl-2-Pentanone      | 10.269 | 43   | 1113173  | 109.750 | ug/l   | 96       |
| 59) 2-Hexanone                | 11.027 | 43   | 869871   | 110.076 | ug/l   | 97       |
| 61) Tetrachloroethene         | 10.916 | 164  | 75026    | 18.532  | ug/l   | 96       |
| 62) Toluene                   | 10.445 | 91   | 474696   | 20.121  | ug/l   | 99       |
| 64) Chlorobenzene             | 11.710 | 112  | 268837   | 19.256  | ug/l   | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 11.780 | 131  | 105440   | 19.941  | ug/l   | 99       |
| 66) Ethyl Benzene             | 11.786 | 91   | 520828   | 19.960  | ug/l   | 99       |
| 67) m/p-Xylenes               | 11.892 | 106  | 393560   | 39.558  | ug/l   | 98       |
| 68) o-Xylene                  | 12.221 | 106  | 199856   | 19.682  | ug/l   | 99       |
| 69) Styrene                   | 12.233 | 104  | 321825   | 19.161  | ug/l   | 98       |
| 70) Isopropylbenzene          | 12.521 | 105  | 513629   | 19.478  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 12.768 | 83   | 197913   | 21.522  | ug/l   | 96       |
| 72) 1,2,3-Trichloropropane    | 12.821 | 75   | 246483   | 32.636  | ug/l   | 46       |
| 73) Bromobenzene              | 12.804 | 156  | 108915   | 19.043  | ug/l   | 82       |
| 74) n-propylbenzene           | 12.863 | 91   | 589870   | 19.246  | ug/l   | 97       |
| 75) 2-Chlorotoluene           | 12.951 | 91   | 357926   | 19.569  | ug/l   | 96       |
| 76) 1,3,5-Trimethylbenzene    | 13.004 | 105  | 421167   | 18.994  | ug/l   | 97       |
| 77) t-1,4-Dichloro-2-butene   | 12.568 | 75   | 66492    | 19.909  | ug/l   | 94       |
| 78) 4-Chlorotoluene           | 13.045 | 91   | 350324   | 19.460  | ug/l   | 95       |
| 79) tert-butylbenzene         | 13.263 | 119  | 373456   | 18.943  | ug/l   | 99       |
| 80) 1,2,4-Trimethylbenzene    | 13.445 | 105  | 519195   | 23.260  | ug/l   | 100      |
| 81) sec-Butylbenzene          | 13.445 | 105  | 519195   | 18.883  | ug/l   | 99       |
| 82) p-Isopropyltoluene        | 13.557 | 119  | 422512   | 18.589  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 13.557 | 146  | 202829   | 18.856  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene       | 13.639 | 146  | 195220   | 18.321  | ug/l   | 96       |
| 85) n-Butylbenzene            | 13.886 | 91   | 363545   | 18.226  | ug/l   | 99       |
| 86) Hexachloroethane          | 14.151 | 117  | 84784    | 19.102  | ug/l   | 96       |
| 87) 1,2-Dichlorobenzene       | 13.927 | 146  | 211005   | 18.972  | ug/l   | 97       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.545 | 75   | 47234    | 20.973  | ug/l   | 94       |
| 89) 1,2,4-Trichlorobenzene    | 15.198 | 180  | 106832   | 18.373  | ug/l   | 98       |
| 90) Hexachlorobutadiene       | 15.309 | 225  | 46592    | 18.775  | ug/l   | 99       |
| 91) Naphthalene               | 15.439 | 128  | 457446   | 19.625  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 15.633 | 180  | 109449   | 18.540  | ug/l   | 98       |

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

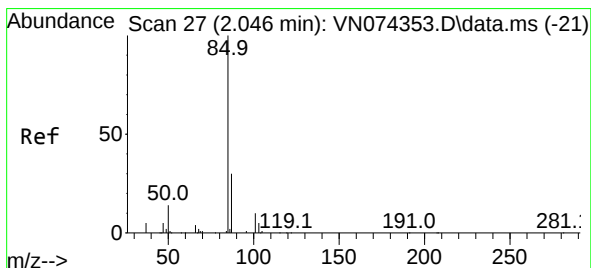
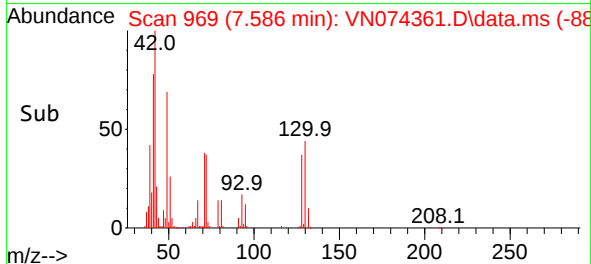
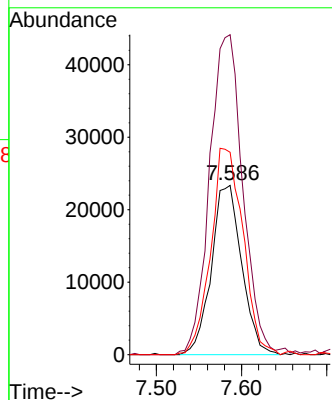
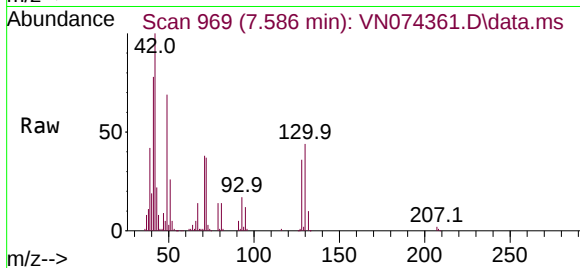




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.586 min Scan# 90  
Delta R.T. 0.005 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

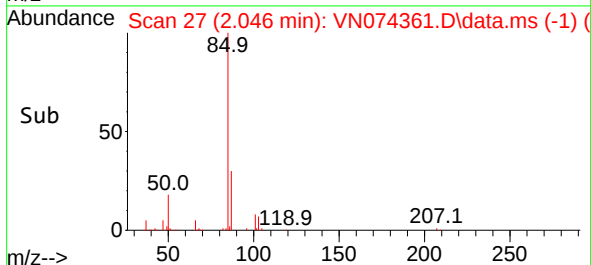
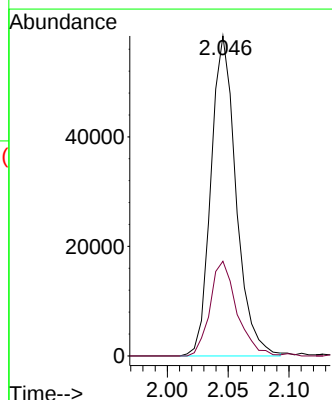
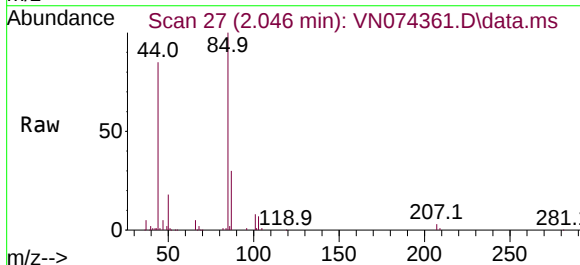
Instrument :  
MSVOA\_N  
ClientSampleId :

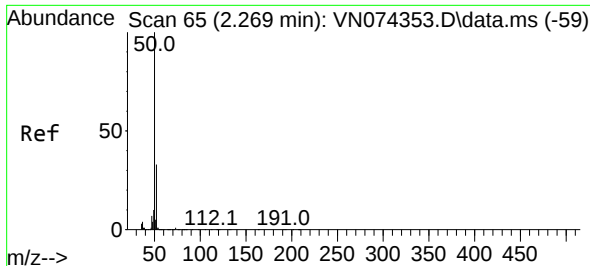
Tgt Ion:128 Resp: 57941  
Ion Ratio Lower Upper  
128 100  
49 205.6 0.0 392.3  
130 129.4 0.0 320.2



#2  
Dichlorodifluoromethane  
Concen: 20.471 ug/l  
RT: 2.046 min Scan# 27  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion: 85 Resp: 83961  
Ion Ratio Lower Upper  
85 100  
87 29.6 16.6 49.7

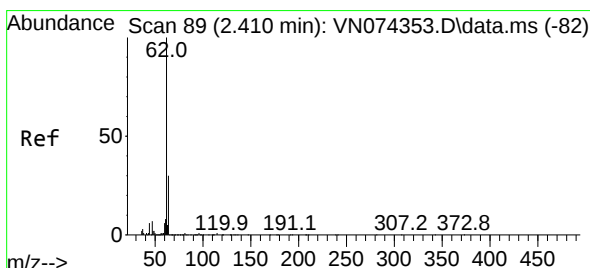
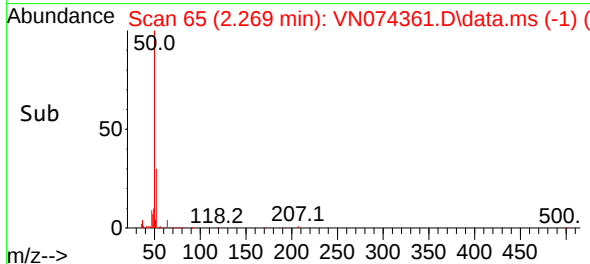
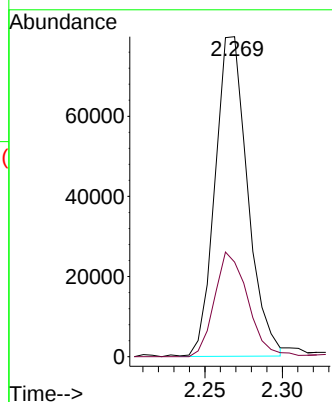
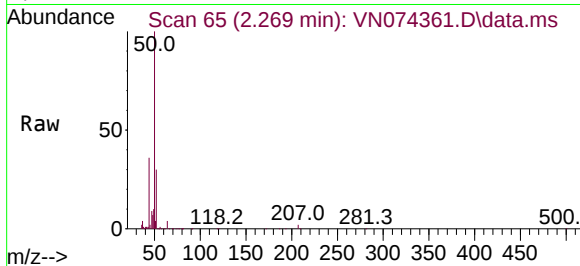




#3  
Chloromethane  
Concen: 20.592 ug/l  
RT: 2.269 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

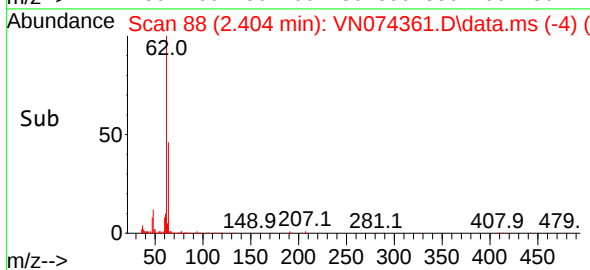
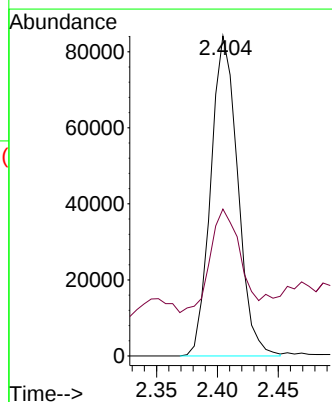
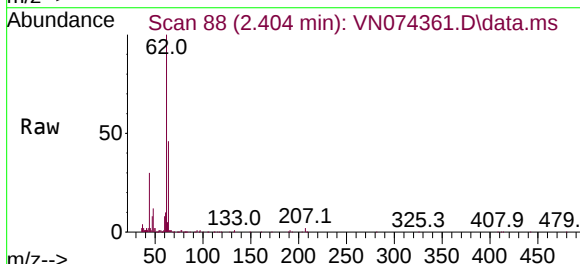
Instrument :  
MSVOA\_N  
ClientSampleId :

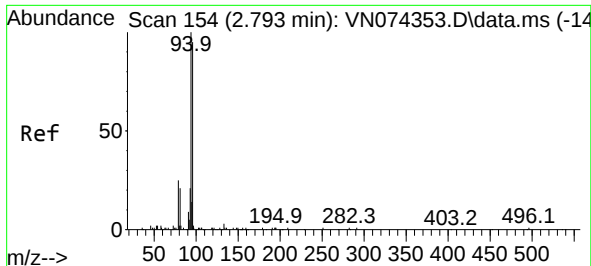
Tgt Ion: 50 Resp: 116396  
Ion Ratio Lower Upper  
50 100  
52 29.6 27.8 41.6



#4  
Vinyl Chloride  
Concen: 21.431 ug/l  
RT: 2.404 min Scan# 88  
Delta R.T. -0.006 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion: 62 Resp: 129549  
Ion Ratio Lower Upper  
62 100  
64 32.4 25.1 37.7

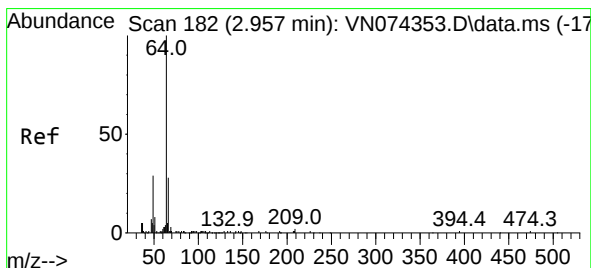
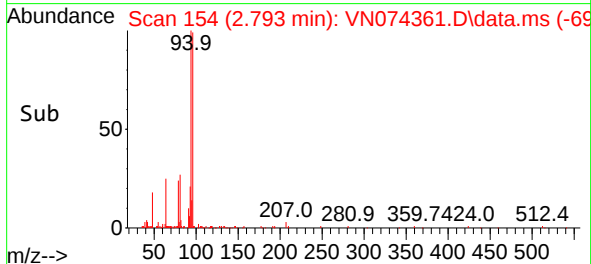
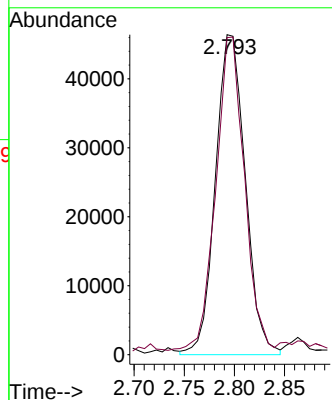
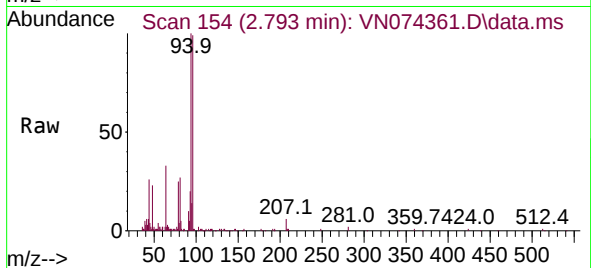




#5  
Bromomethane  
Concen: 25.749 ug/l  
RT: 2.793 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

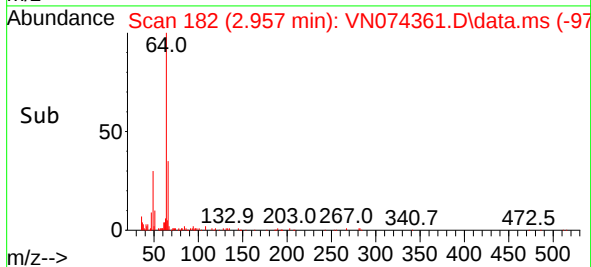
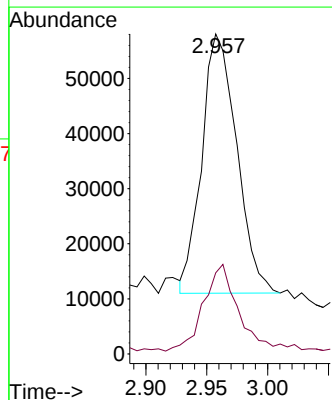
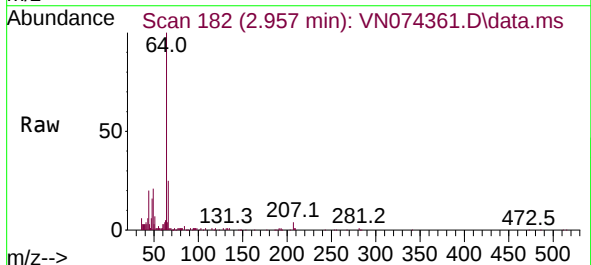
Instrument :  
MSVOA\_N  
ClientSampleId :

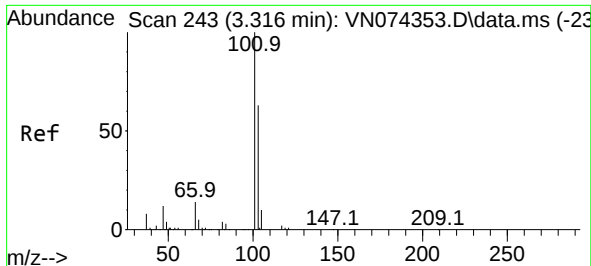
Tgt Ion: 94 Resp: 95956  
Ion Ratio Lower Upper  
94 100  
96 98.2 75.2 112.8



#6  
Chloroethane  
Concen: 22.927 ug/l  
RT: 2.957 min Scan# 182  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion: 64 Resp: 93955  
Ion Ratio Lower Upper  
64 100  
66 27.9 24.6 36.8

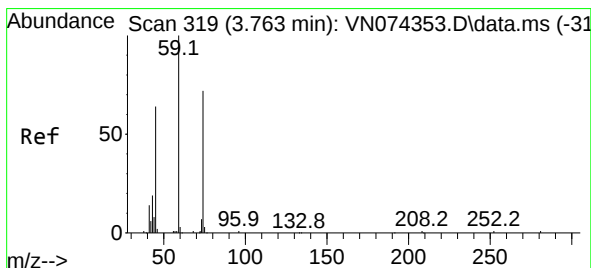
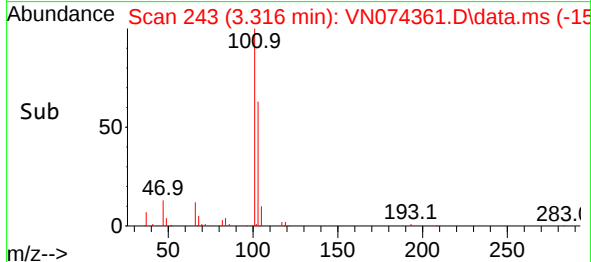
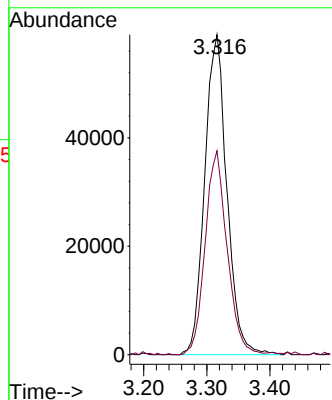
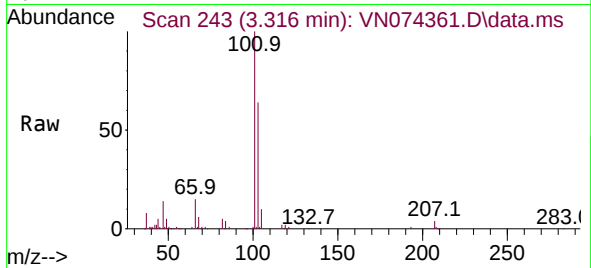




#7  
 Trichlorofluoromethane  
 Concen: 21.073 ug/l  
 RT: 3.316 min Scan# 243  
 Delta R.T. 0.000 min  
 Lab File: VN074361.D  
 Acq: 08 Sep 2022 16:39

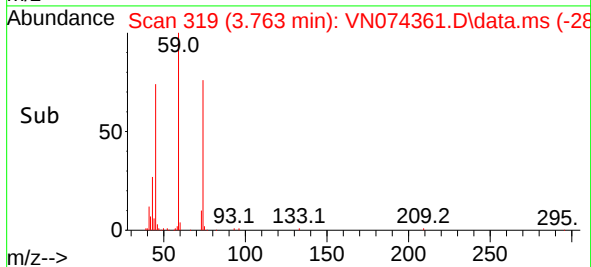
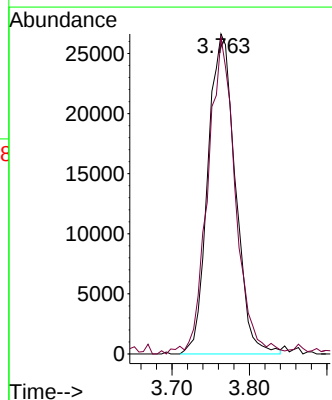
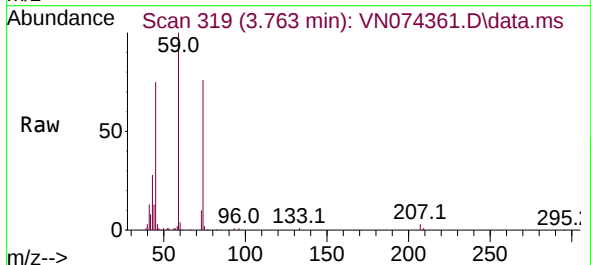
Instrument :  
 MSVOA\_N  
 ClientSampleId :

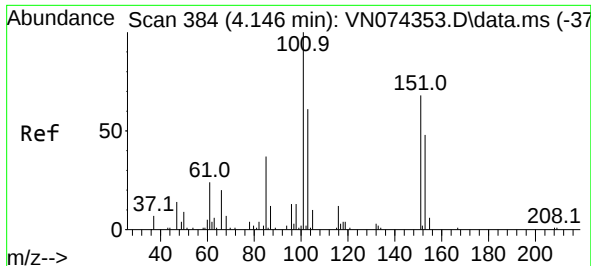
Tgt Ion:101 Resp: 144105  
 Ion Ratio Lower Upper  
 101 100  
 103 63.7 50.1 75.1



#8  
 Diethyl Ether  
 Concen: 23.013 ug/l  
 RT: 3.763 min Scan# 319  
 Delta R.T. 0.000 min  
 Lab File: VN074361.D  
 Acq: 08 Sep 2022 16:39

Tgt Ion: 74 Resp: 65603  
 Ion Ratio Lower Upper  
 74 100  
 45 96.7 17.6 158.8

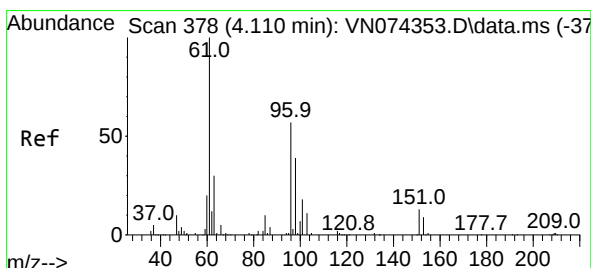
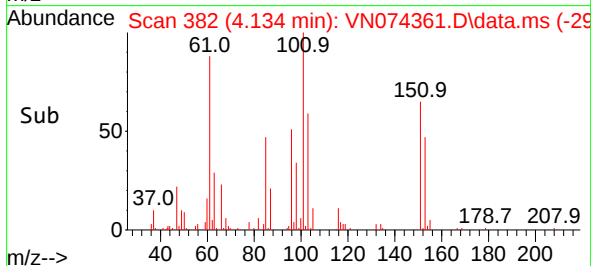
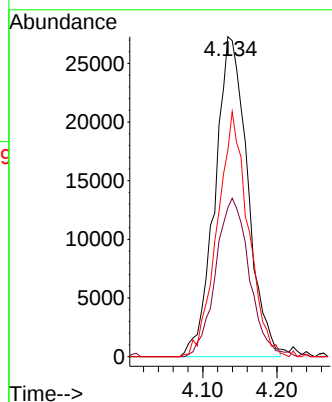
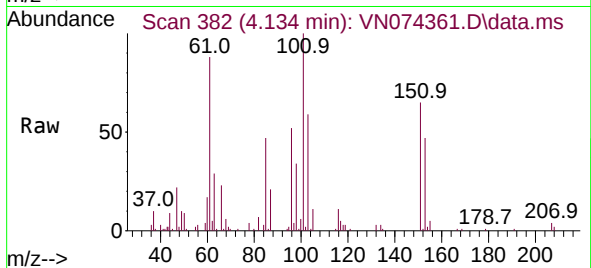




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.839 ug/l  
RT: 4.134 min Scan# 382  
Delta R.T. -0.012 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

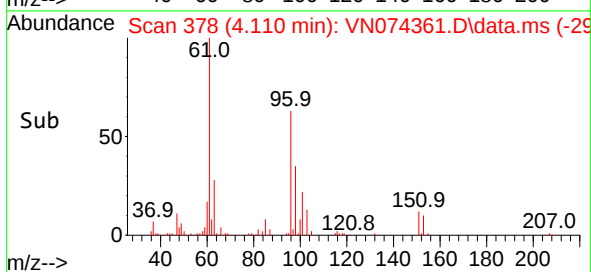
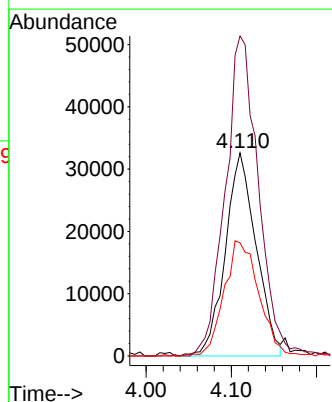
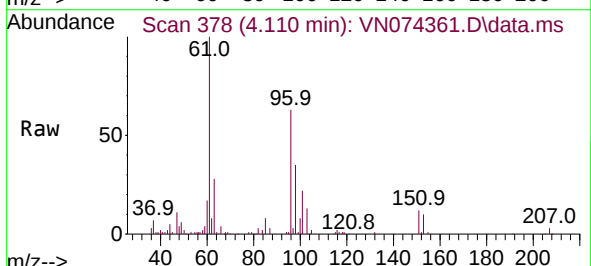
Instrument :  
MSVOA\_N  
ClientSampleId :

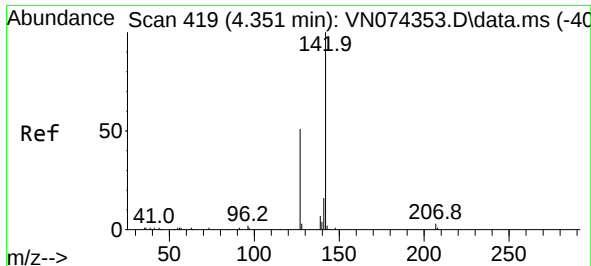
Tgt Ion:101 Resp: 83375  
Ion Ratio Lower Upper  
101 100  
85 50.9 0.0 94.0  
151 72.6 0.0 74.6



#10  
1,1-Dichloroethene  
Concen: 21.206 ug/l  
RT: 4.110 min Scan# 378  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion: 96 Resp: 81897  
Ion Ratio Lower Upper  
96 100  
61 157.7 126.2 189.4  
98 55.7 50.9 76.3

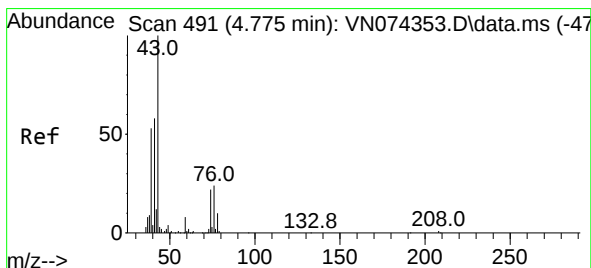
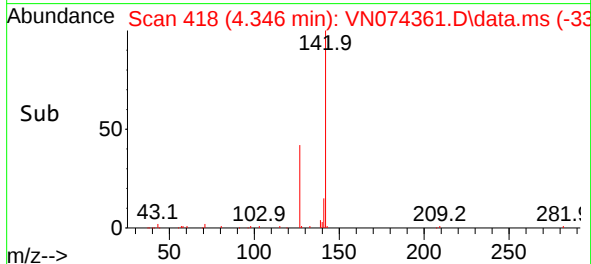
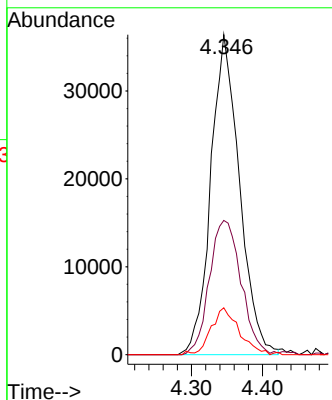
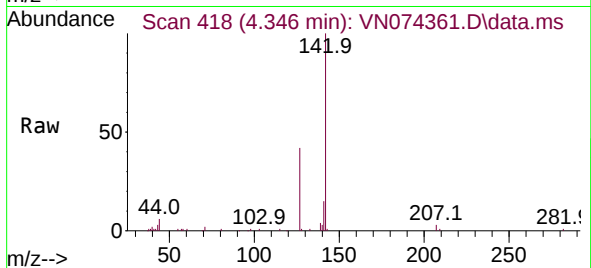




#11  
Methyl Iodide  
Concen: 21.514 ug/l  
RT: 4.346 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

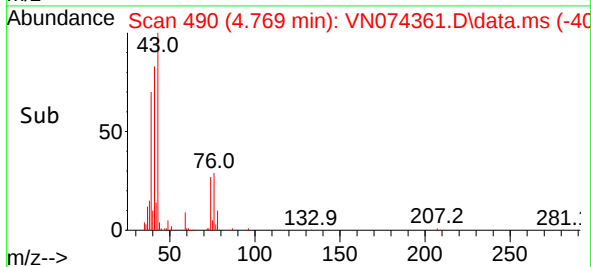
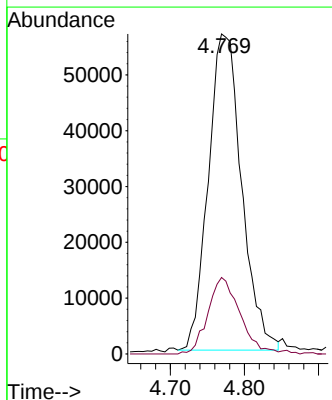
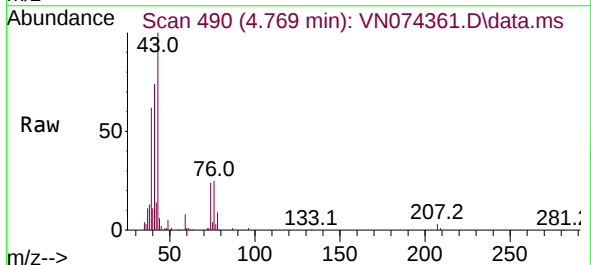
Instrument :  
MSVOA\_N  
ClientSampleId :

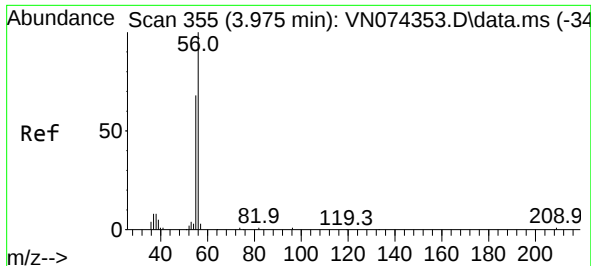
Tgt Ion:142 Resp: 102016  
Ion Ratio Lower Upper  
142 100  
127 42.0 24.0 72.0  
141 14.4 8.4 25.2



#12  
Methyl Acetate  
Concen: 21.102 ug/l  
RT: 4.769 min Scan# 490  
Delta R.T. -0.006 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion: 43 Resp: 177094  
Ion Ratio Lower Upper  
43 100  
74 24.2 20.8 31.2

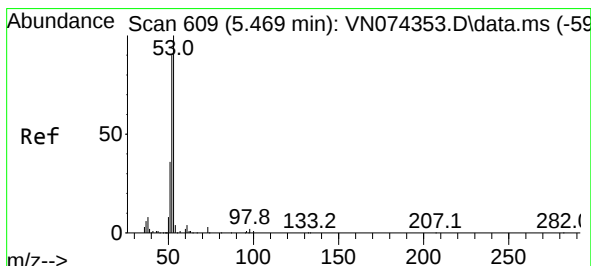
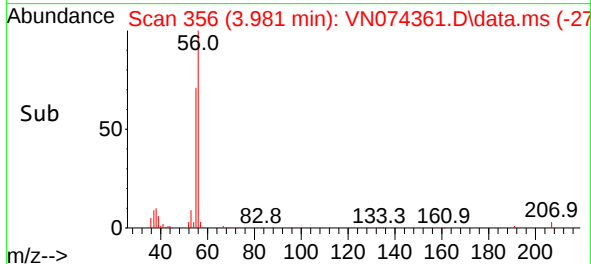
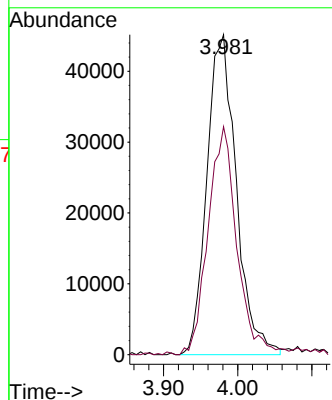
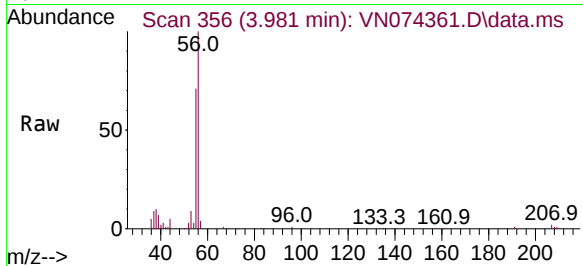




#13  
Acrolein  
Concen: 109.947 ug/l  
RT: 3.981 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

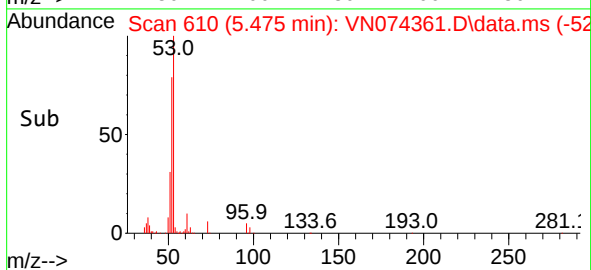
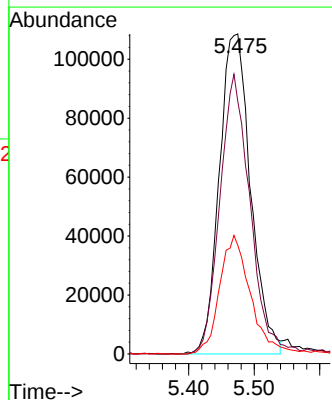
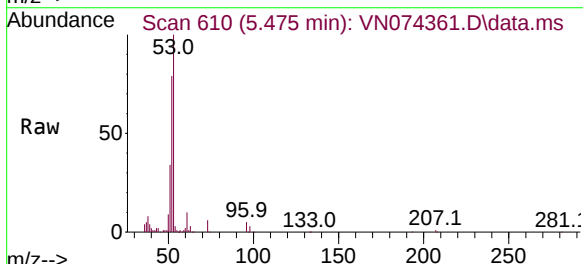
Instrument :  
MSVOA\_N  
ClientSampleId :

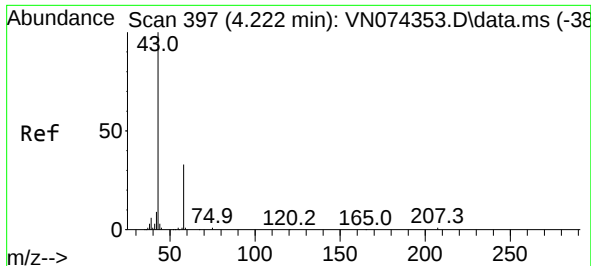
Tgt Ion: 56 Resp: 124470  
Ion Ratio Lower Upper  
56 100  
55 66.8 57.6 86.4



#14  
Acrylonitrile  
Concen: 110.791 ug/l  
RT: 5.475 min Scan# 610  
Delta R.T. 0.006 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion: 53 Resp: 360380  
Ion Ratio Lower Upper  
53 100  
52 83.3 41.8 125.4  
51 36.3 19.0 57.0

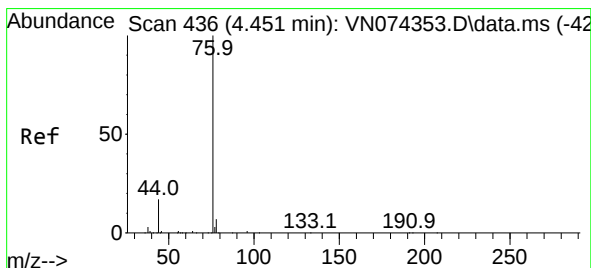
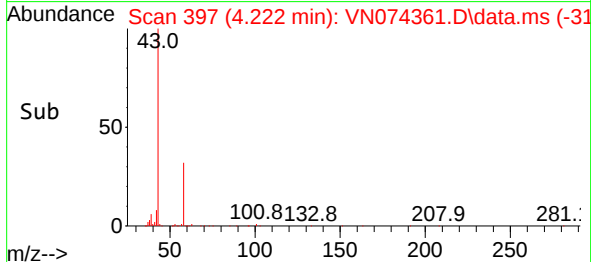
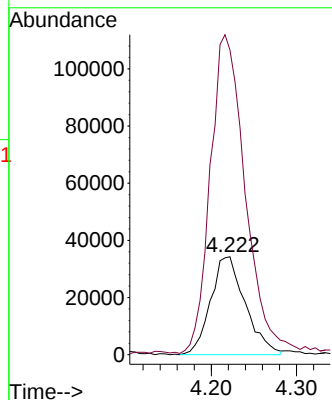
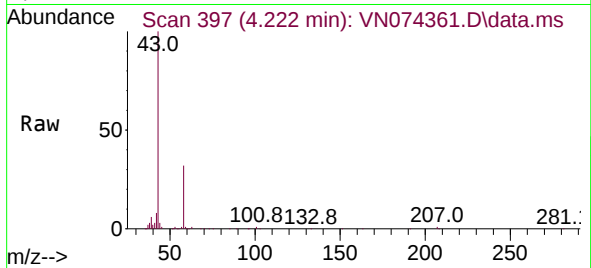




#15  
Acetone  
Concen: 112.499 ug/l  
RT: 4.222 min Scan# 397  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

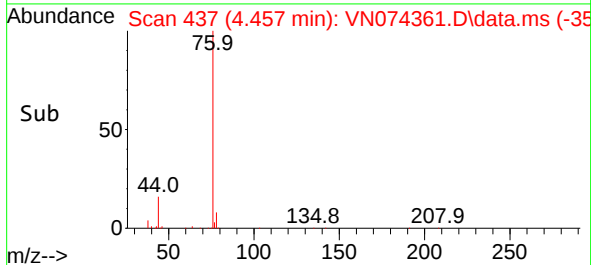
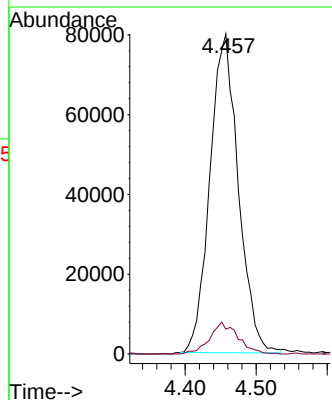
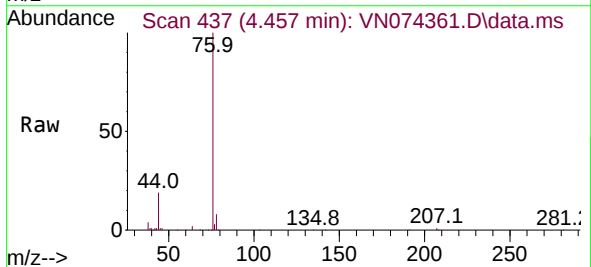
Instrument :  
MSVOA\_N  
ClientSampleId :

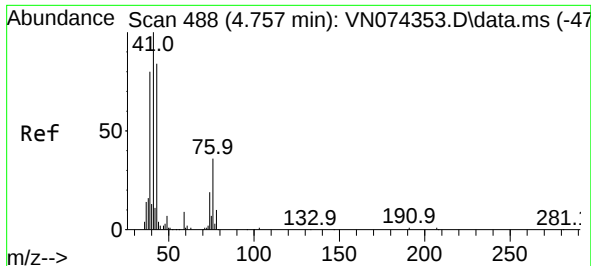
Tgt Ion: 58 Resp: 96971  
Ion Ratio Lower Upper  
58 100  
43 309.9 256.6 384.8



#16  
Carbon Disulfide  
Concen: 20.089 ug/l  
RT: 4.457 min Scan# 437  
Delta R.T. 0.006 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion: 76 Resp: 222332  
Ion Ratio Lower Upper  
76 100  
78 7.8 7.8 11.8#





#17

Allyl chloride

Concen: 21.570 ug/l

RT: 4.757 min Scan# 488

Delta R.T. 0.000 min

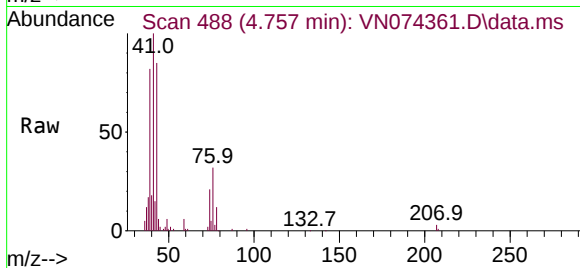
Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Instrument :

MSVOA\_N

ClientSampleId :



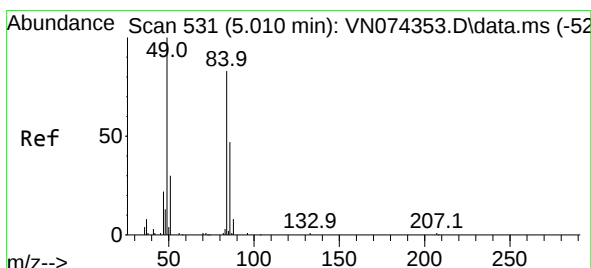
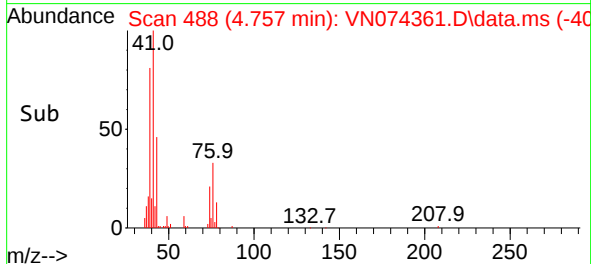
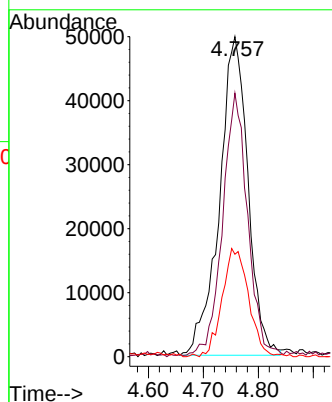
Tgt Ion: 41 Resp: 179888

Ion Ratio Lower Upper

41 100

39 82.1 44.6 134.0

76 31.4 19.6 58.7



#18

Methylene Chloride

Concen: 20.998 ug/l

RT: 5.010 min Scan# 531

Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Tgt Ion: 84 Resp: 103225

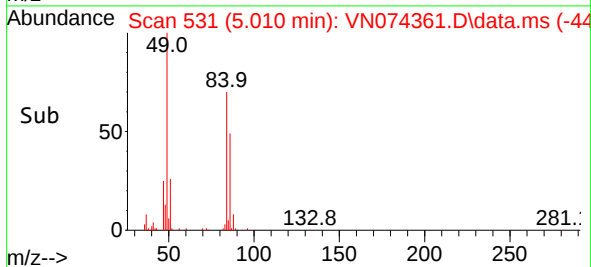
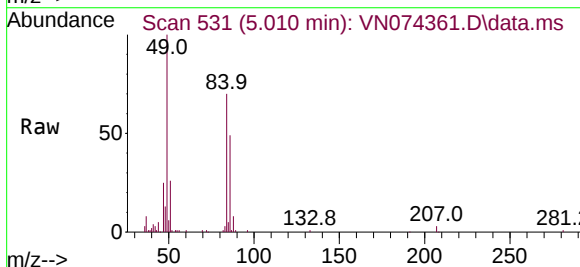
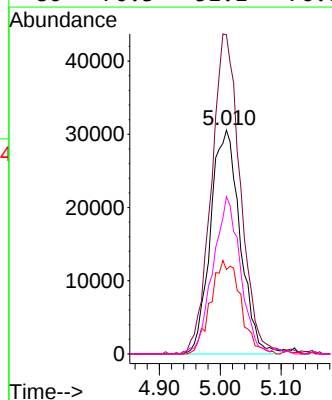
Ion Ratio Lower Upper

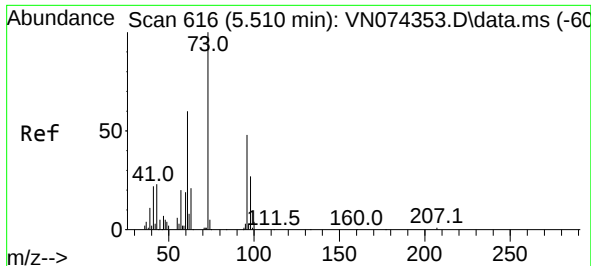
84 100

49 142.6 91.4 137.0#

51 37.8 29.4 44.0

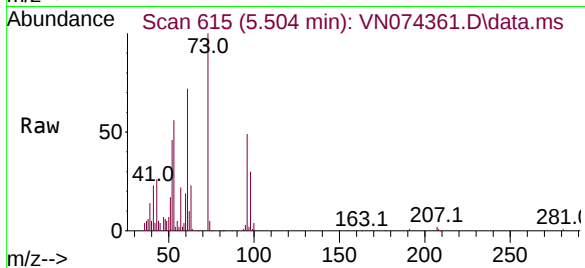
86 70.3 51.1 76.7



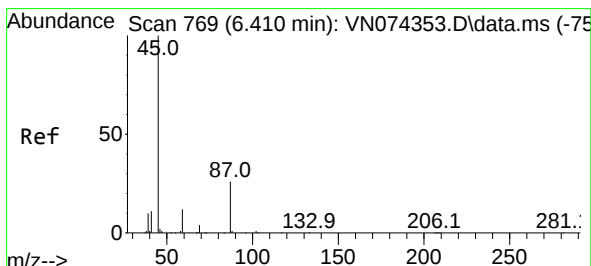
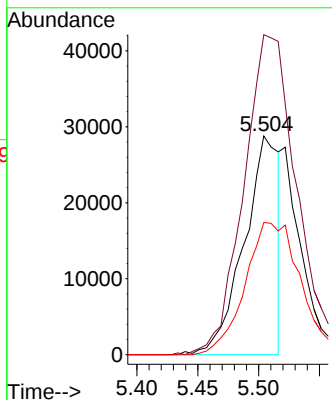
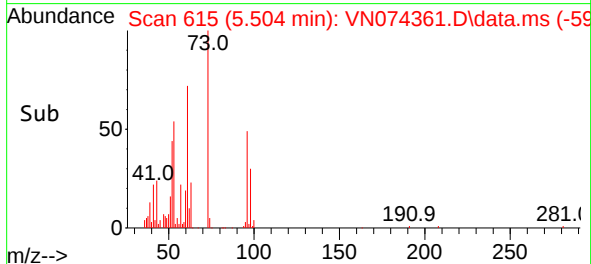


#19  
trans-1,2-Dichloroethene  
Concen: 12.953 ug/l  
RT: 5.504 min Scan# 616  
Delta R.T. -0.006 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

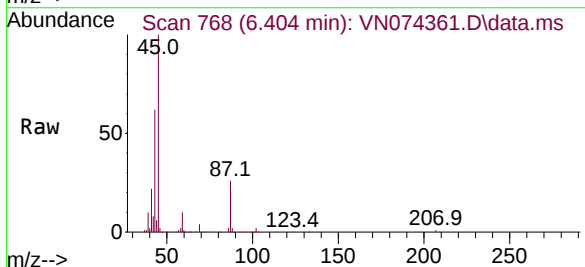
Instrument :  
MSVOA\_N  
ClientSampleId :



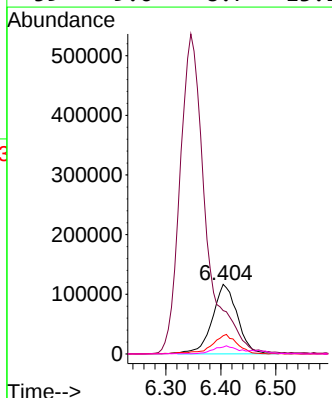
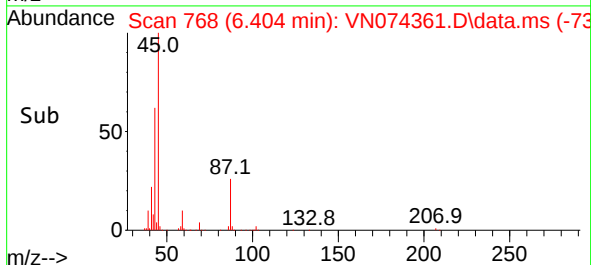
Tgt Ion: 96 Resp: 57199  
Ion Ratio Lower Upper  
96 100  
61 145.5 102.8 154.2  
98 60.4 49.3 73.9

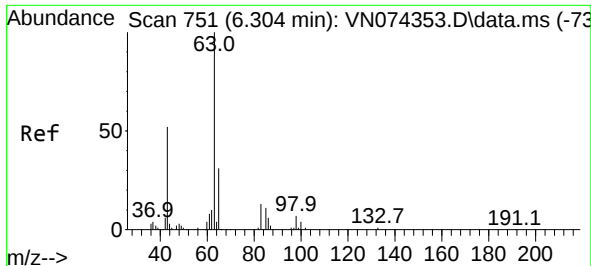


#20  
Diisopropyl ether  
Concen: 21.363 ug/l  
RT: 6.404 min Scan# 768  
Delta R.T. -0.006 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39



Tgt Ion: 45 Resp: 366872  
Ion Ratio Lower Upper  
45 100  
43 60.5 51.0 76.4  
87 26.1 25.0 37.4  
59 9.6 8.7 13.1





#21

1,1-Dichloroethane

Concen: 20.959 ug/l

RT: 6.298 min Scan# 751

Delta R.T. -0.006 min

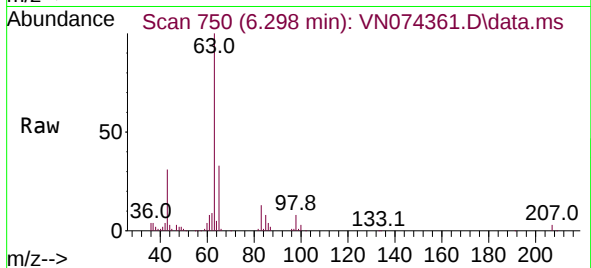
Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

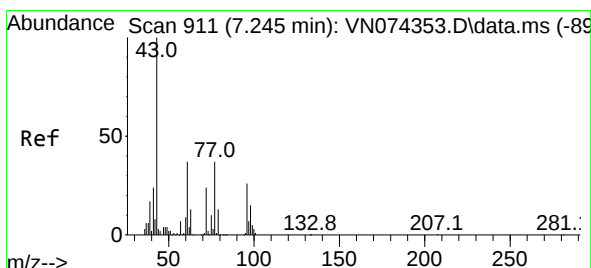
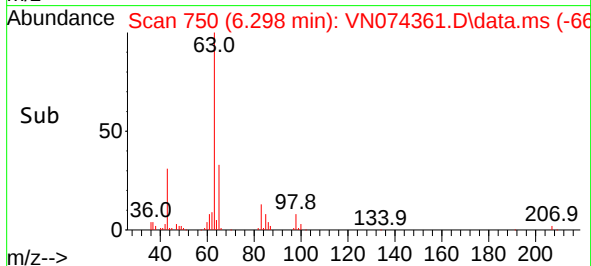
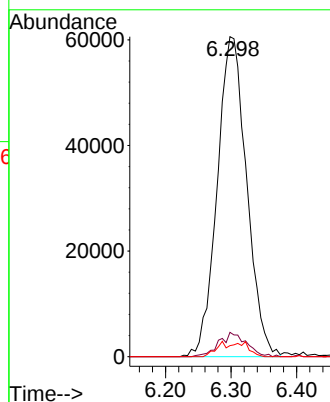
Instrument :

MSVOA\_N

ClientSampleId :



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 63    | Resp: | 189060 |
| Ion Ratio | Lower | Upper |        |
| 63        | 100   |       |        |
| 98        | 7.6   | 3.2   | 9.6    |
| 100       | 3.4   | 2.1   | 6.2    |



#22

cis-1,2-Dichloroethene

Concen: 21.195 ug/l

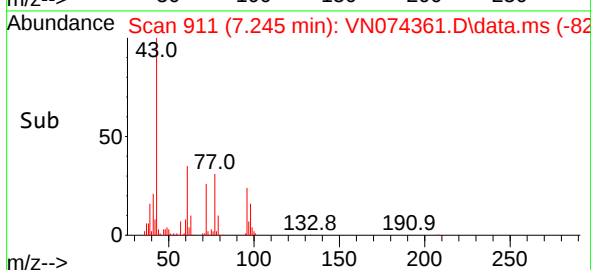
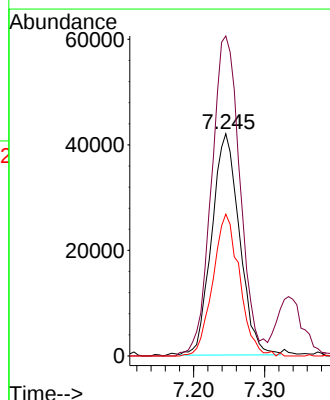
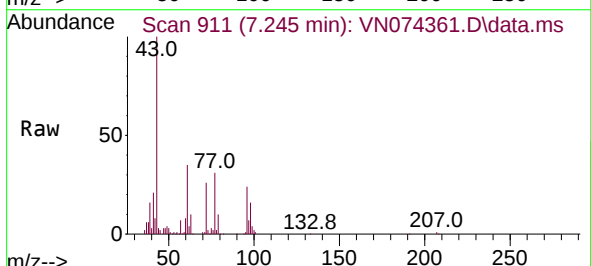
RT: 7.245 min Scan# 911

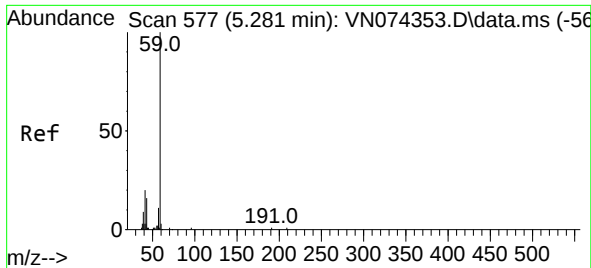
Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 96    | Resp: | 113747 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 149.3 | 115.7 | 173.5  |
| 98        | 61.3  | 51.6  | 77.4   |

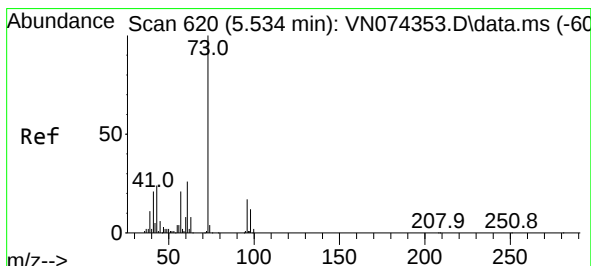
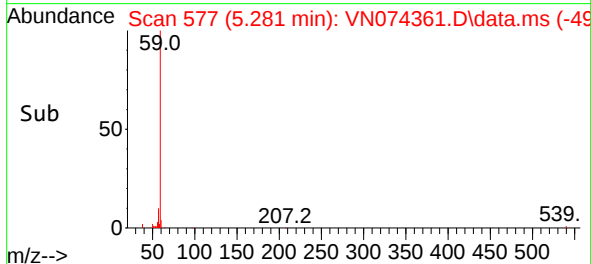
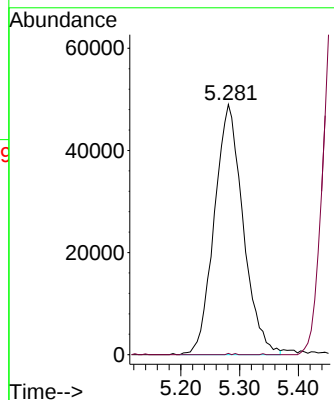
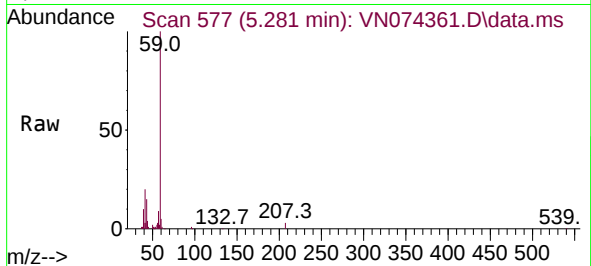




#23  
tert-Butyl Alcohol  
Concen: 118.310 ug/l  
RT: 5.281 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

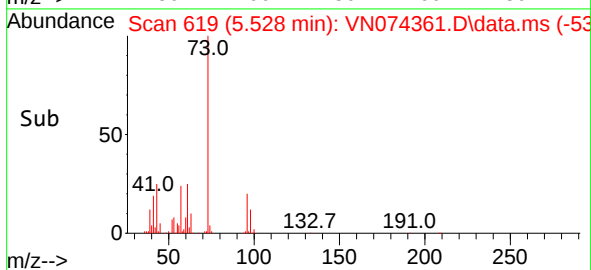
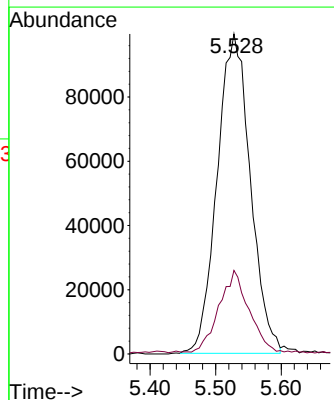
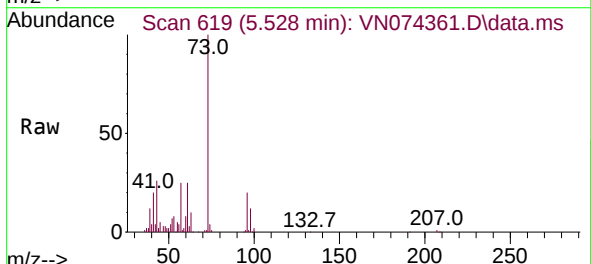
Instrument :  
MSVOA\_N  
ClientSampleId :

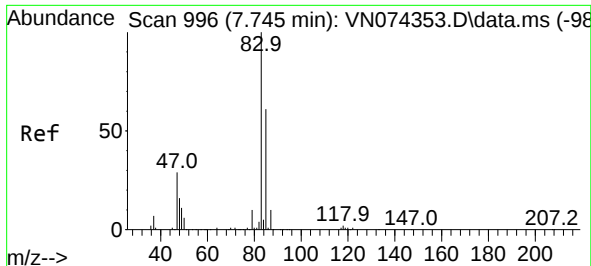
Tgt Ion: 59 Resp: 166640  
Ion Ratio Lower Upper  
59 100  
52 0.1 0.0 0.0#



#24  
Methyl tert-Butyl Ether  
Concen: 21.513 ug/l  
RT: 5.528 min Scan# 619  
Delta R.T. -0.006 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion: 73 Resp: 349558  
Ion Ratio Lower Upper  
73 100  
43 22.7 18.1 27.1

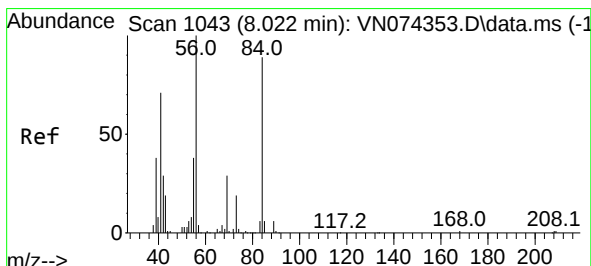
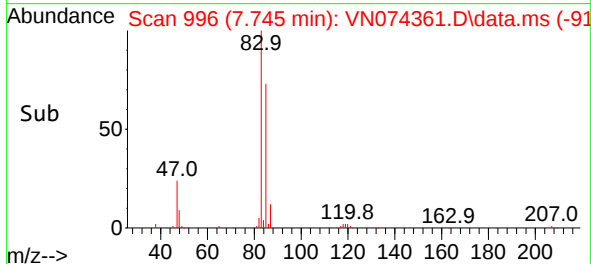
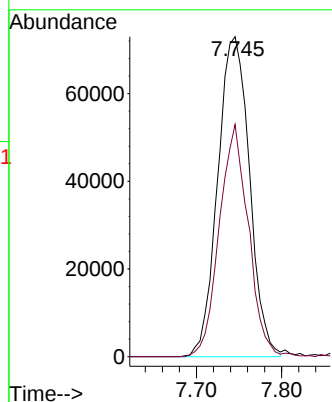
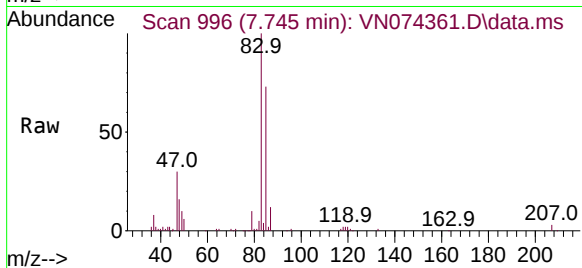




#25  
Chloroform  
Concen: 20.638 ug/l  
RT: 7.745 min Scan# 996  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

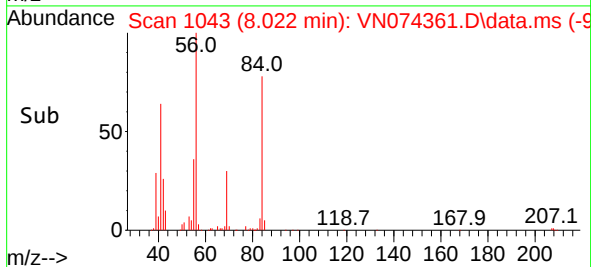
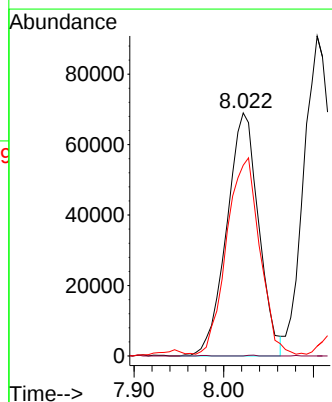
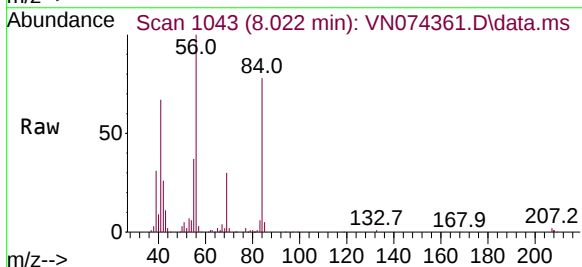
Instrument :  
MSVOA\_N  
ClientSampleId :

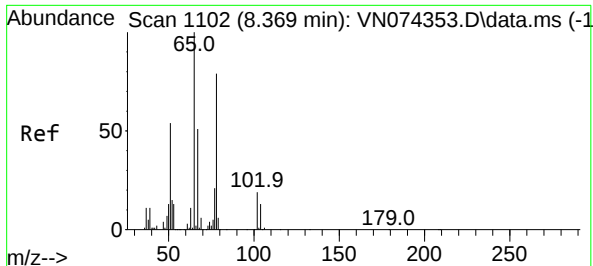
Tgt Ion: 83 Resp: 189135  
Ion Ratio Lower Upper  
83 100  
85 72.5 51.3 76.9



#26  
Cyclohexane  
Concen: 20.634 ug/l  
RT: 8.022 min Scan# 1043  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion: 56 Resp: 170857  
Ion Ratio Lower Upper  
56 100  
89 0.1 0.1 0.1  
84 85.1 74.6 111.8

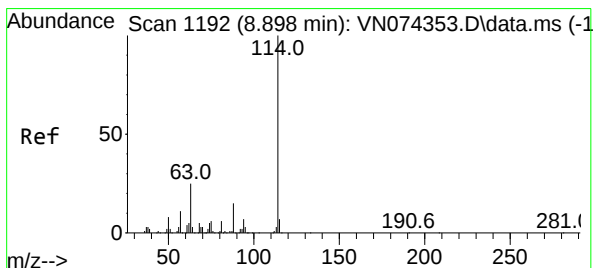
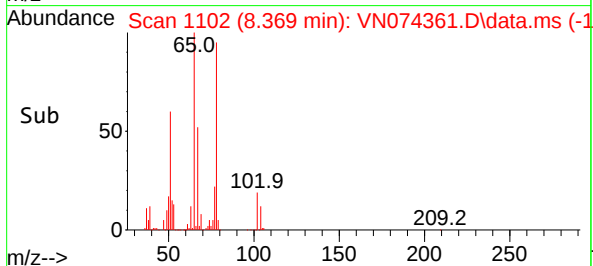
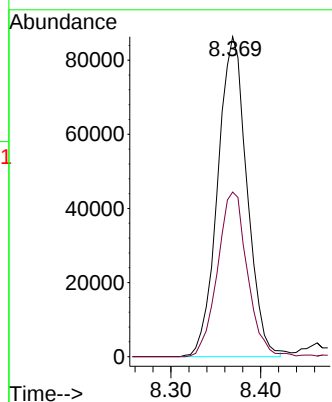
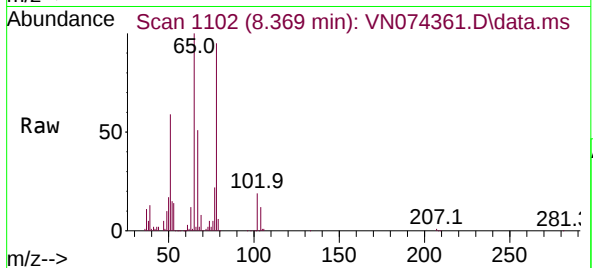




#27  
1,2-Dichloroethane-d4  
Concen: 32.847 ug/l  
RT: 8.369 min Scan# 1102  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

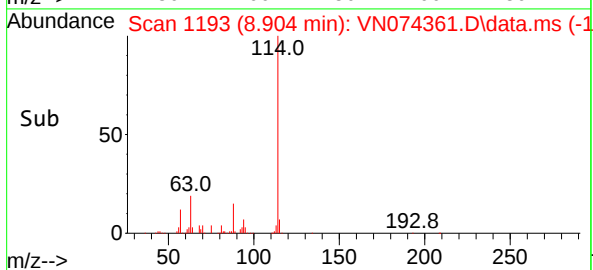
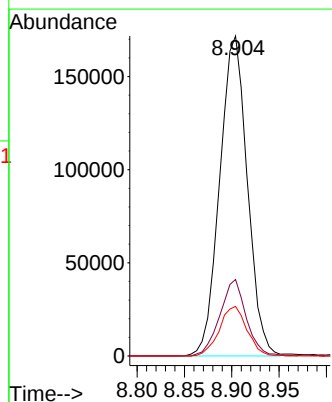
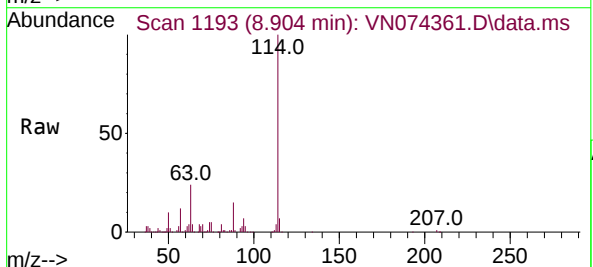
Instrument :  
MSVOA\_N  
ClientSampleId :

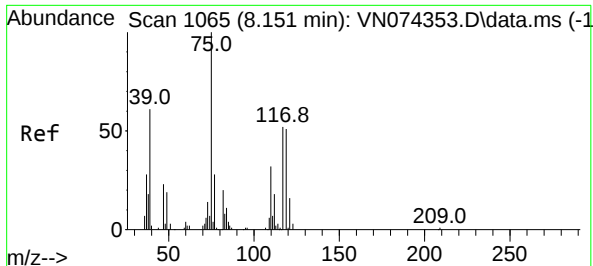
Tgt Ion: 65 Resp: 195405  
Ion Ratio Lower Upper  
65 100  
67 52.1 40.2 60.2



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 8.904 min Scan# 1193  
Delta R.T. 0.006 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion: 114 Resp: 348303  
Ion Ratio Lower Upper  
114 100  
63 22.8 15.8 23.6  
88 15.4 11.6 17.4

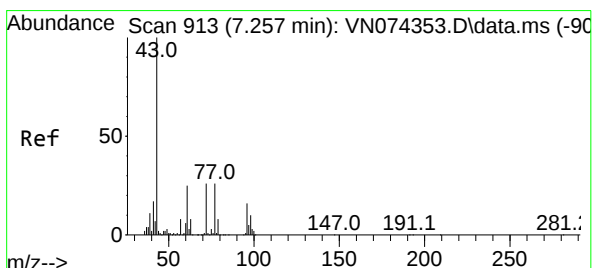
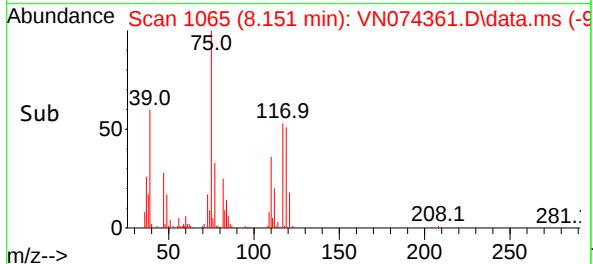
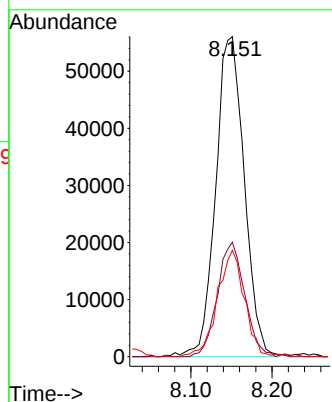
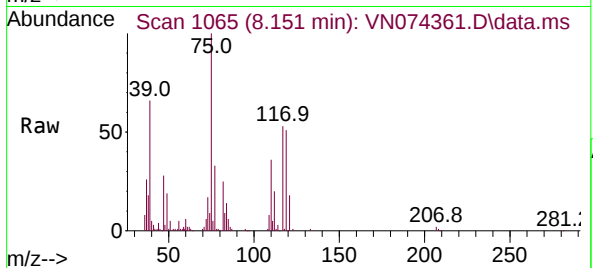




#29  
1,1-Dichloropropene  
Concen: 19.772 ug/l  
RT: 8.151 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

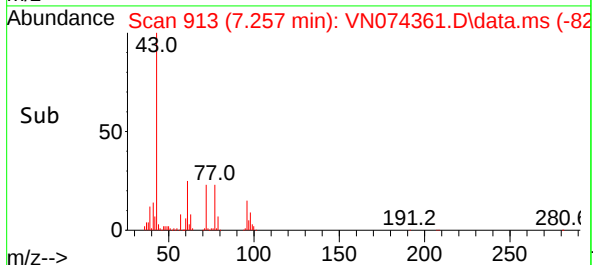
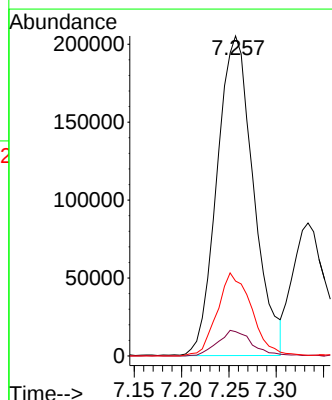
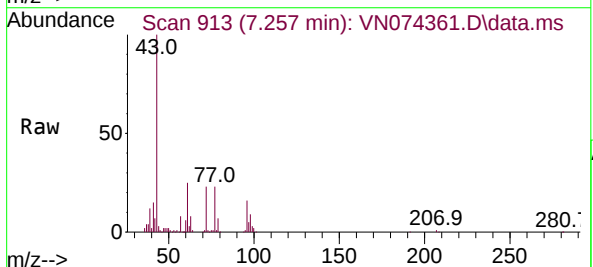
Instrument :  
MSVOA\_N  
ClientSampleId :

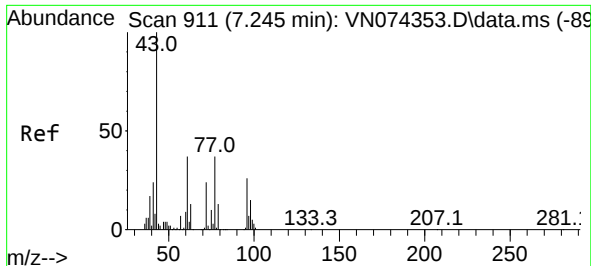
Tgt Ion: 75 Resp: 136894  
Ion Ratio Lower Upper  
75 100  
110 34.2 0.0 74.2  
77 31.4 0.0 63.2



#30  
2-Butanone  
Concen: 111.839 ug/l  
RT: 7.257 min Scan# 913  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion: 43 Resp: 548365  
Ion Ratio Lower Upper  
43 100  
57 7.5 6.7 10.1  
72 24.7 23.2 34.8





#31

2,2-Dichloropropane

Concen: 18.797 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Instrument :

MSVOA\_N

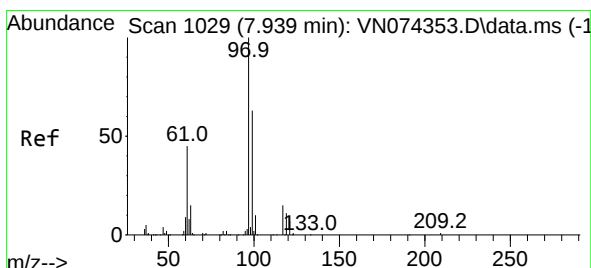
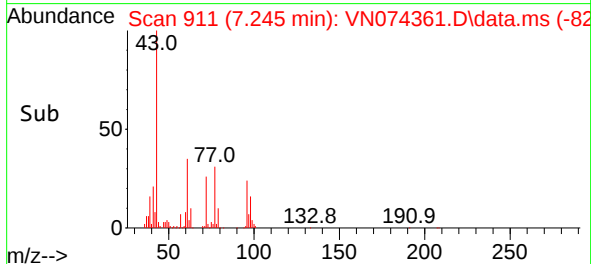
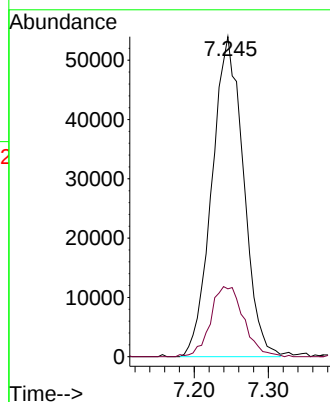
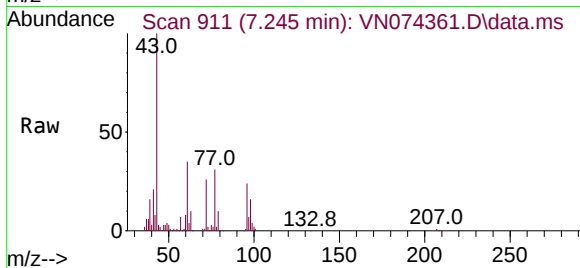
ClientSampleId :

Tgt Ion: 77 Resp: 159245

Ion Ratio Lower Upper

77 100

97 22.9 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 19.995 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

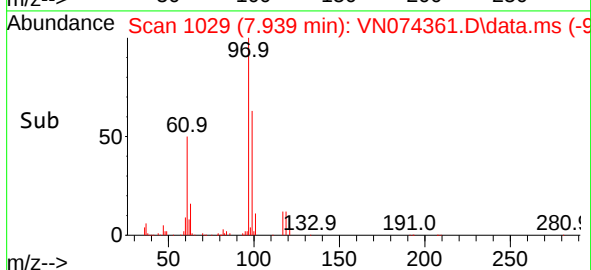
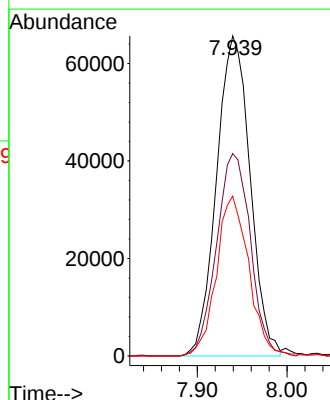
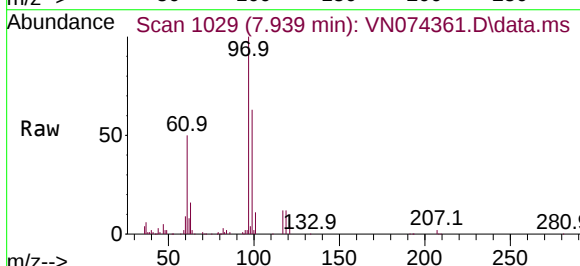
Tgt Ion: 97 Resp: 170660

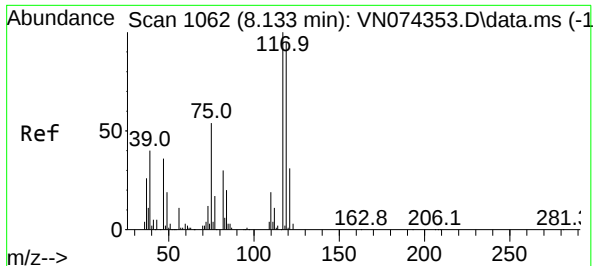
Ion Ratio Lower Upper

97 100

99 63.8 50.4 75.6

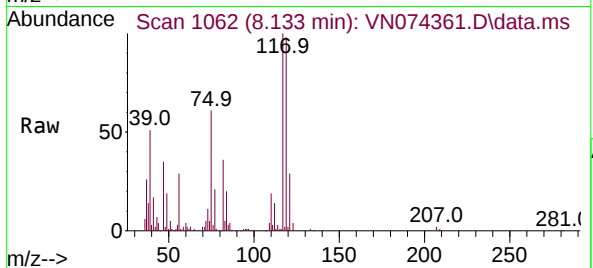
61 48.3 34.6 51.8



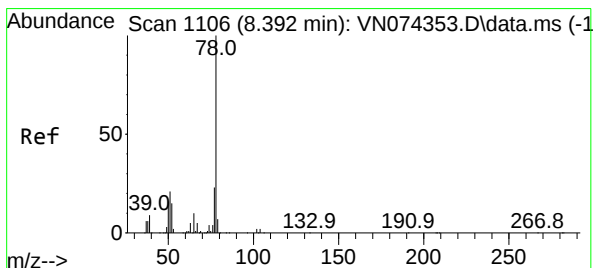
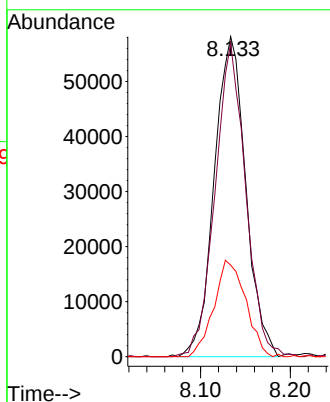
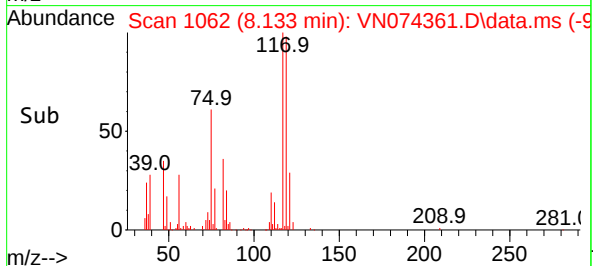


#33  
Carbon Tetrachloride  
Concen: 19.159 ug/l  
RT: 8.133 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

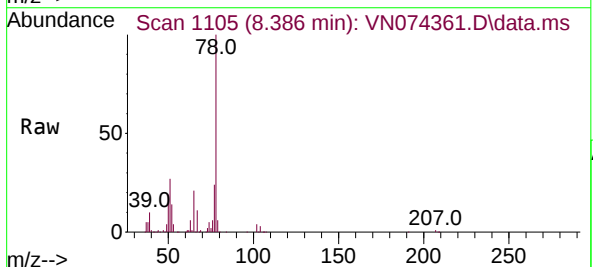
Instrument :  
MSVOA\_N  
ClientSampleId :



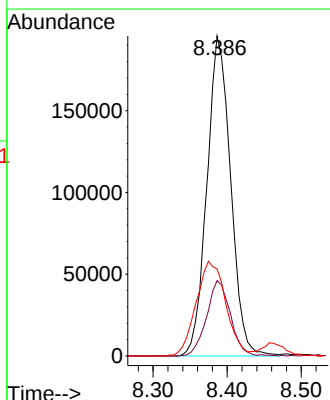
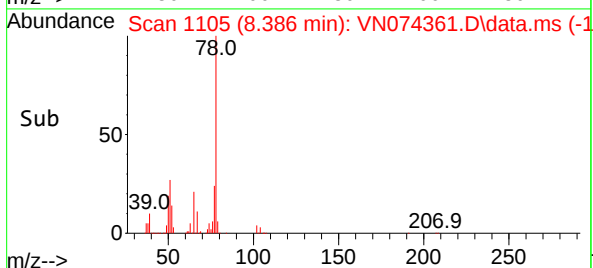
Tgt Ion:117 Resp: 141499  
Ion Ratio Lower Upper  
117 100  
119 97.4 77.5 116.3  
121 28.6 23.5 35.3

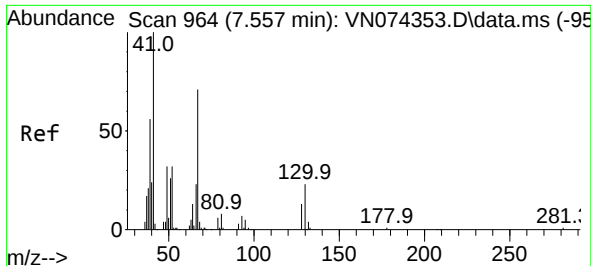


#34  
Benzene  
Concen: 20.498 ug/l  
RT: 8.386 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39



Tgt Ion: 78 Resp: 436336  
Ion Ratio Lower Upper  
78 100  
77 23.6 19.1 28.7  
51 26.1 16.0 24.0#

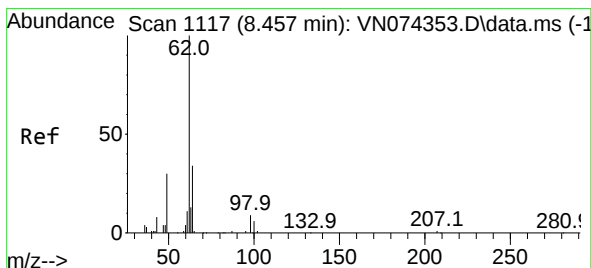
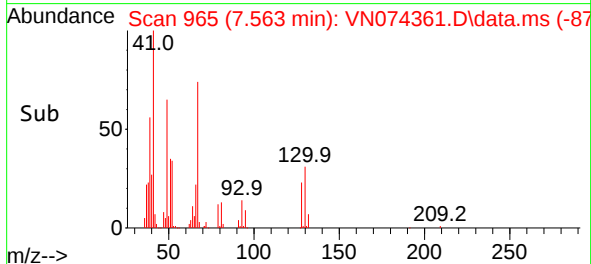
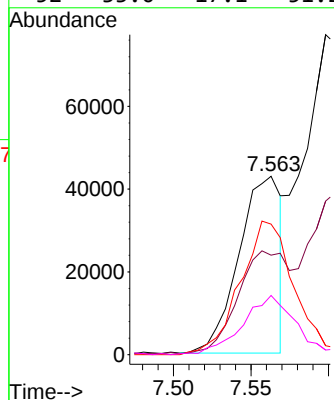
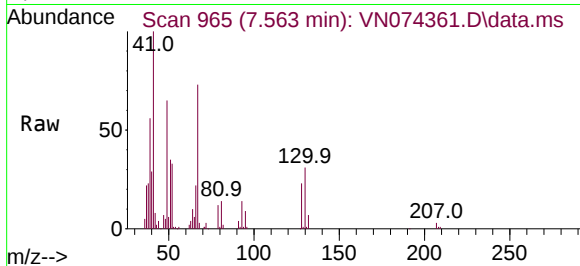




#35  
Methacrylonitrile  
Concen: 17.975 ug/l  
RT: 7.563 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

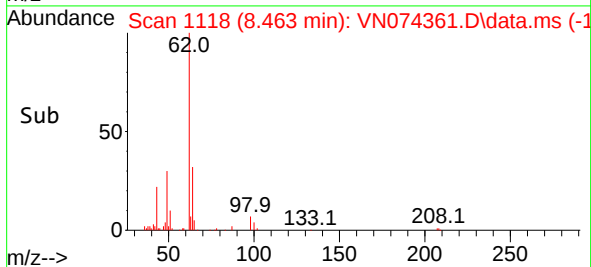
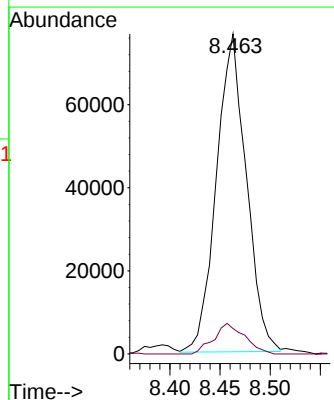
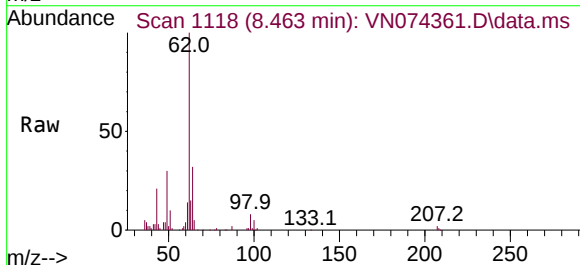
Instrument :  
MSVOA\_N  
ClientSampleId :

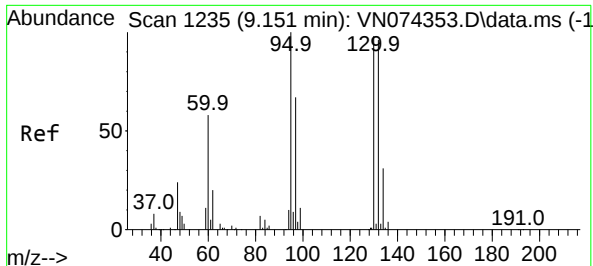
Tgt Ion: 41 Resp: 80980  
Ion Ratio Lower Upper  
41 100  
39 55.9 28.0 83.9  
67 73.9 37.7 113.1  
52 33.0 17.1 51.2



#36  
1,2-Dichloroethane  
Concen: 20.391 ug/l  
RT: 8.463 min Scan# 1118  
Delta R.T. 0.006 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion: 62 Resp: 158807  
Ion Ratio Lower Upper  
62 100  
98 9.9 6.6 10.0





#37

Trichloroethene

Concen: 19.403 ug/l

RT: 9.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Instrument :

MSVOA\_N

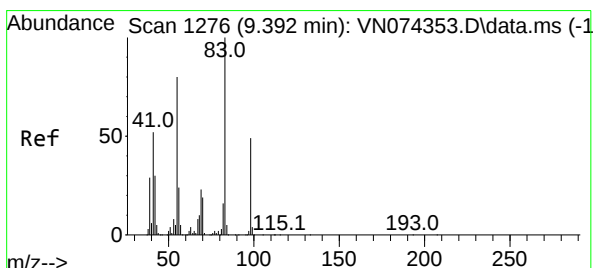
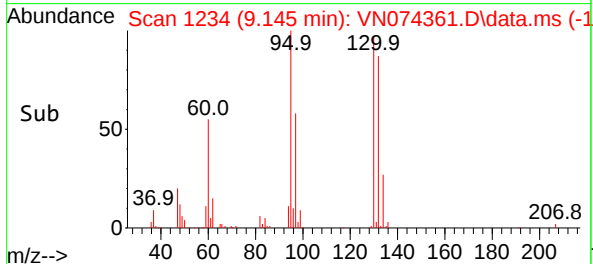
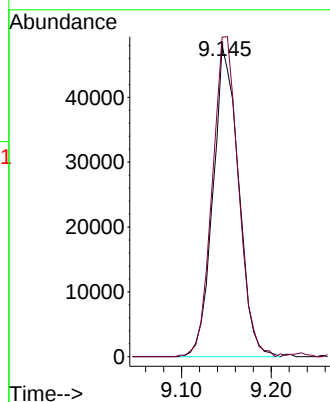
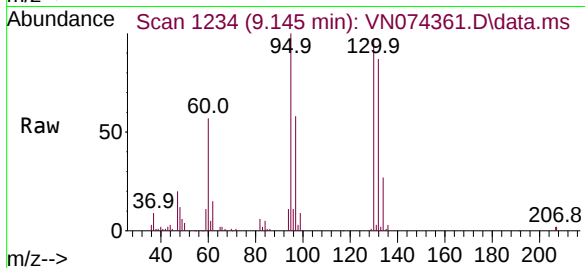
ClientSampleId :

Tgt Ion:130 Resp: 94919

Ion Ratio Lower Upper

130 100

95 102.2 76.6 115.0



#38

Methylcyclohexane

Concen: 19.596 ug/l

RT: 9.398 min Scan# 1277

Delta R.T. 0.006 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

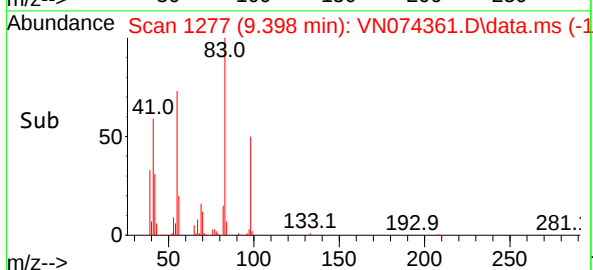
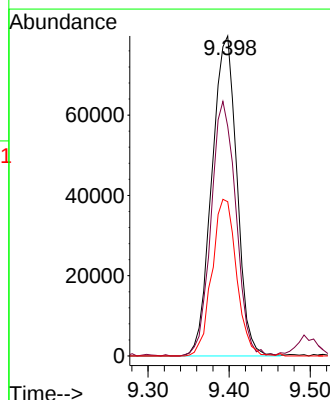
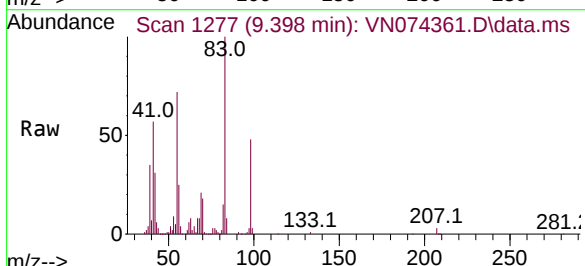
Tgt Ion: 83 Resp: 170797

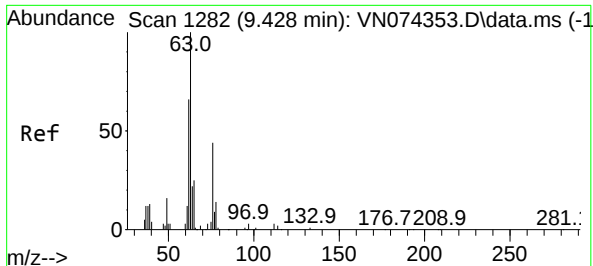
Ion Ratio Lower Upper

83 100

55 78.7 35.1 105.3

98 47.9 23.4 70.2





#39

1,2-Dichloropropane

Concen: 21.563 ug/l

RT: 9.428 min Scan# 118205

Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Instrument :

MSVOA\_N

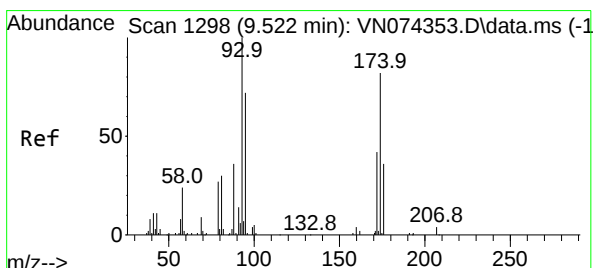
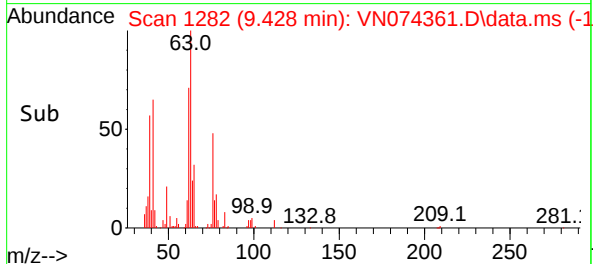
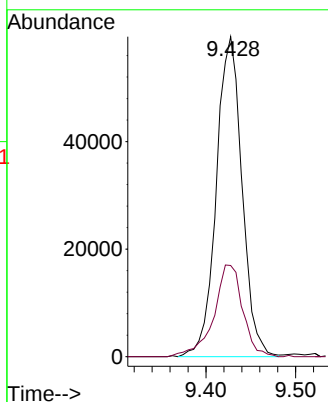
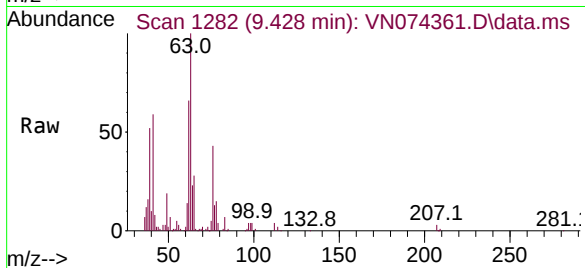
ClientSampleId :

Tgt Ion: 63 Resp: 118205

Ion Ratio Lower Upper

63 100

65 28.5 24.2 36.4



#40

Dibromomethane

Concen: 21.449 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. -0.006 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

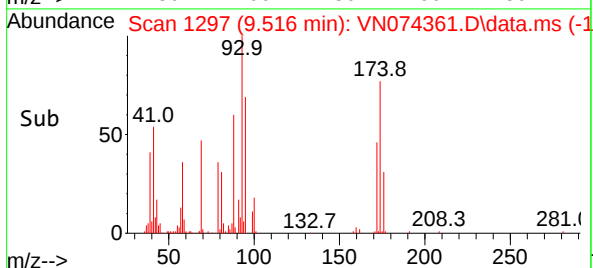
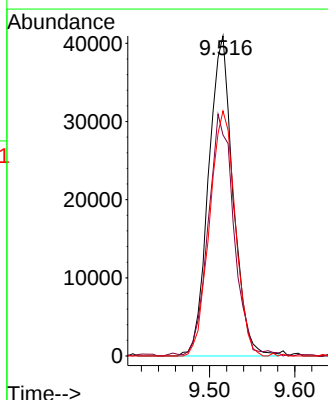
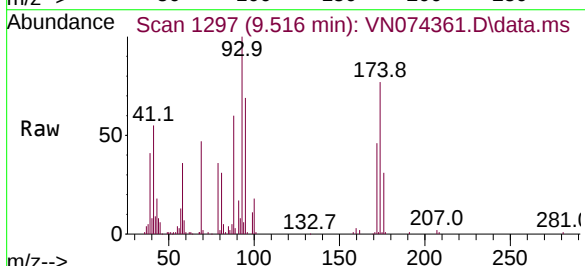
Tgt Ion: 93 Resp: 81808

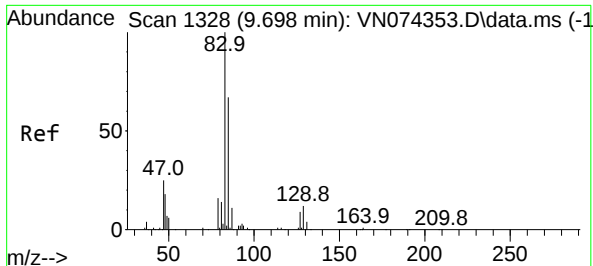
Ion Ratio Lower Upper

93 100

95 78.4 0.0 168.8

174 80.0 0.0 173.6

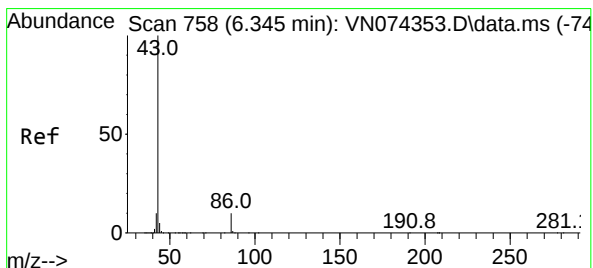
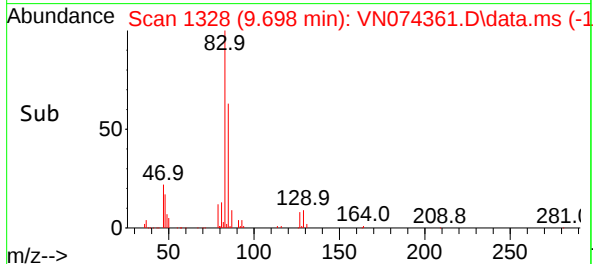
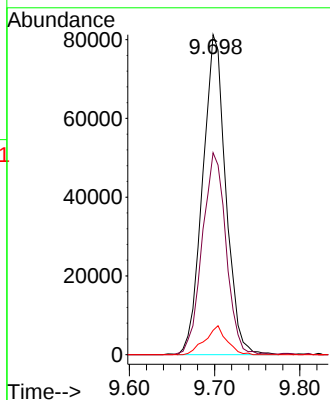
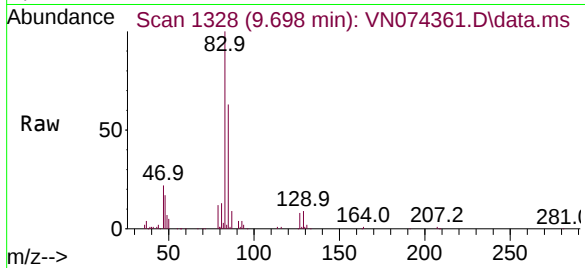




#41  
Bromodichloromethane  
Concen: 20.222 ug/l  
RT: 9.698 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

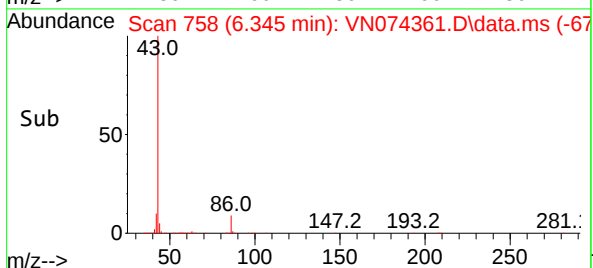
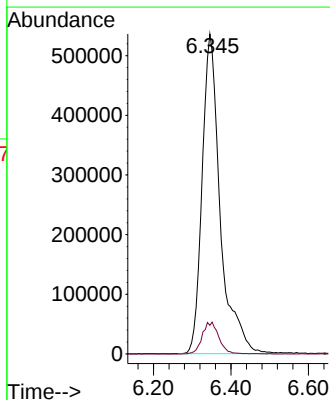
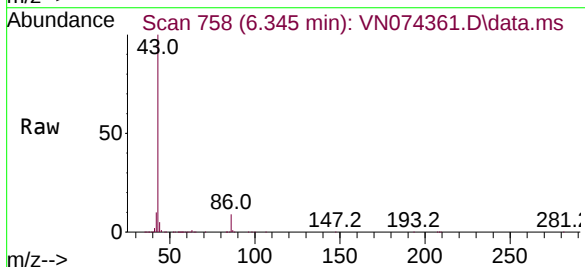
Instrument :  
MSVOA\_N  
ClientSampleId :

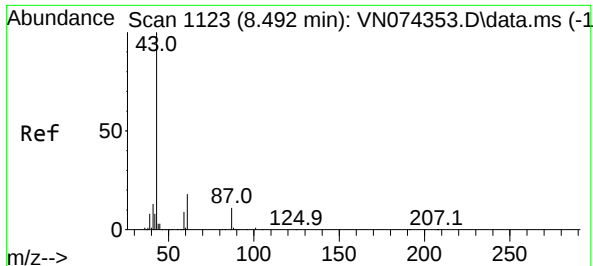
Tgt Ion: 83 Resp: 153260  
Ion Ratio Lower Upper  
83 100  
85 62.9 54.1 81.1  
127 7.6 7.6 11.4



#42  
Vinyl Acetate  
Concen: 107.407 ug/l  
RT: 6.345 min Scan# 758  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion: 43 Resp: 1738191  
Ion Ratio Lower Upper  
43 100  
86 9.1 7.5 11.3

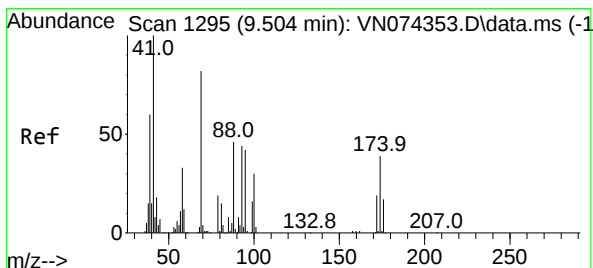
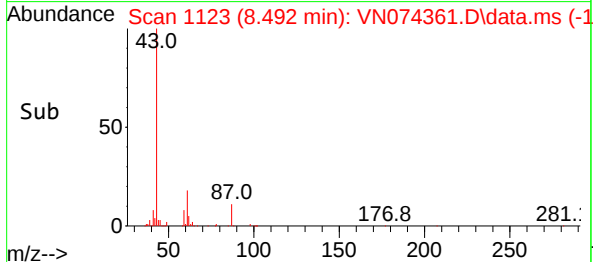
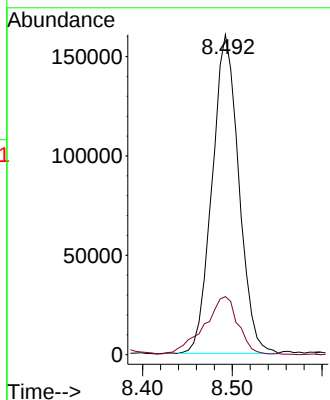
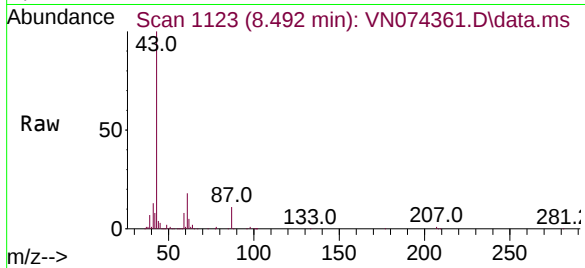




#44  
Isopropyl Acetate  
Concen: 21.407 ug/l  
RT: 8.492 min Scan# 1123  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

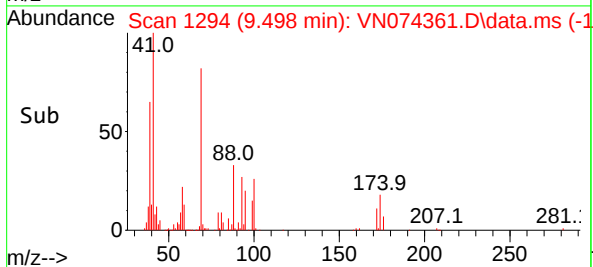
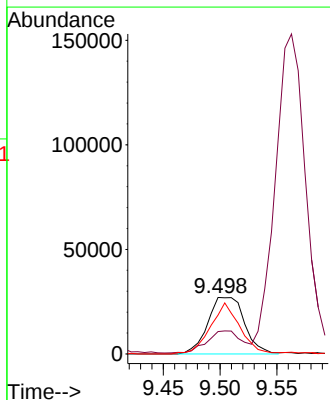
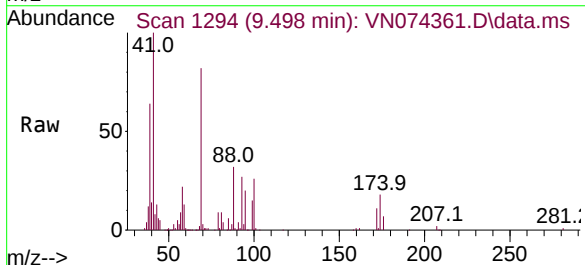
Instrument :  
MSVOA\_N  
ClientSampleId :

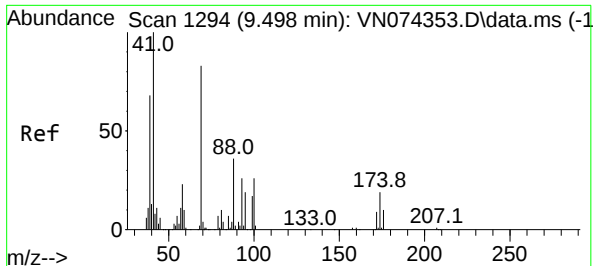
Tgt Ion: 43 Resp: 331041  
Ion Ratio Lower Upper  
43 100  
61 23.3 20.1 30.1



#45  
1,4-Dioxane  
Concen: 424.585 ug/l  
RT: 9.498 min Scan# 1294  
Delta R.T. -0.006 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion: 88 Resp: 60773  
Ion Ratio Lower Upper  
88 100  
43 37.1 25.0 37.6  
58 72.4 49.4 74.2

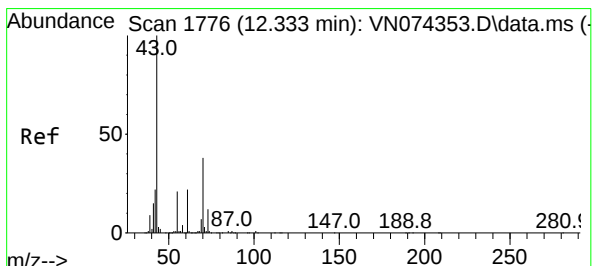
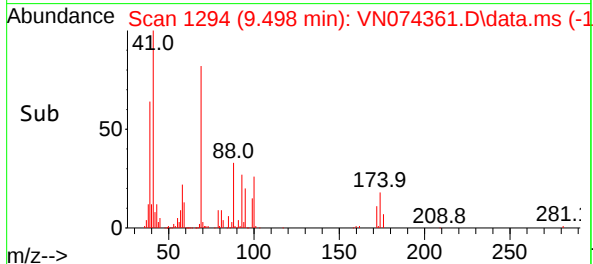
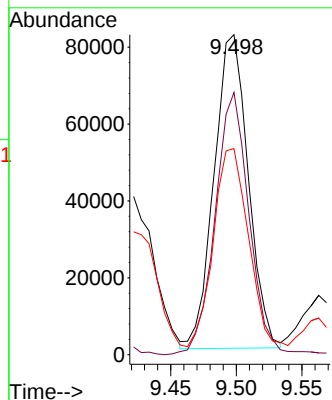
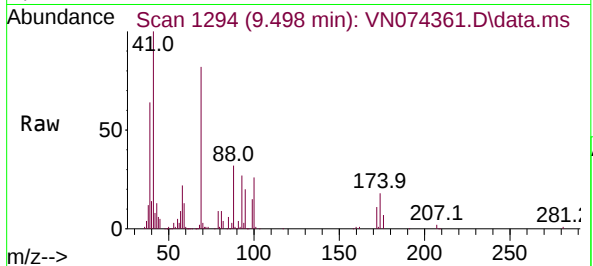




#46  
Methyl methacrylate  
Concen: 22.384 ug/l  
RT: 9.498 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

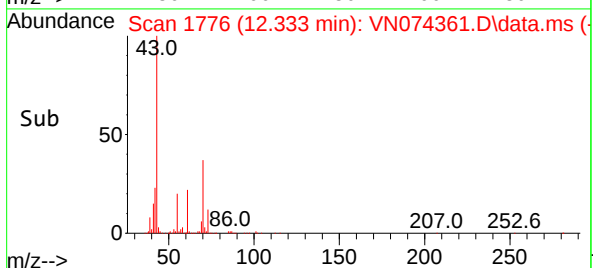
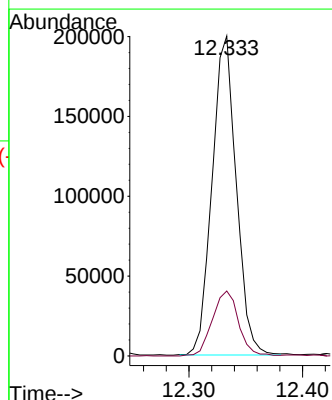
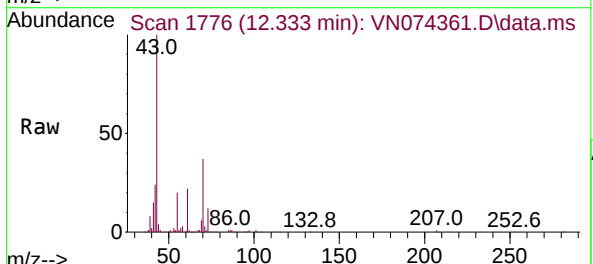
Instrument :  
MSVOA\_N  
ClientSampleId :

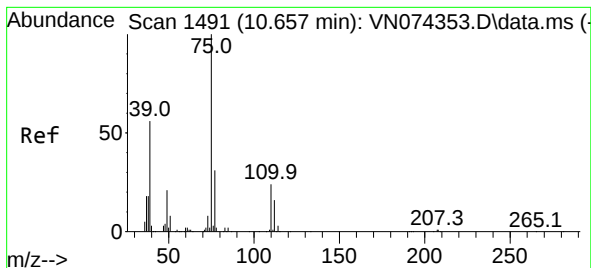
Tgt Ion: 41 Resp: 148036  
Ion Ratio Lower Upper  
41 100  
69 84.1 44.4 133.2  
39 63.7 39.9 119.6



#47  
n-amy1 Acetate  
Concen: 21.022 ug/l  
RT: 12.333 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion: 43 Resp: 295454  
Ion Ratio Lower Upper  
43 100  
55 22.0 19.0 28.6





#48

t-1,3-Dichloropropene

Concen: 19.842 ug/l

RT: 10.657 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Instrument :

MSVOA\_N

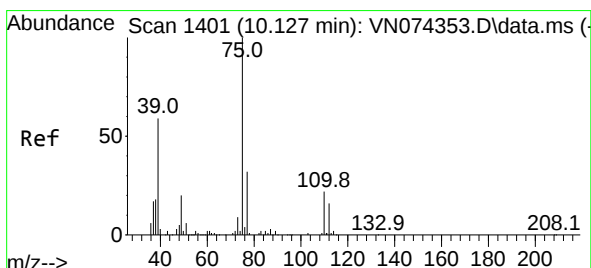
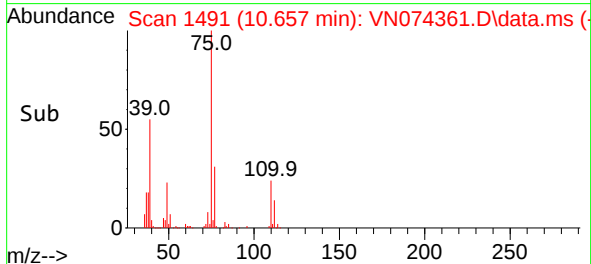
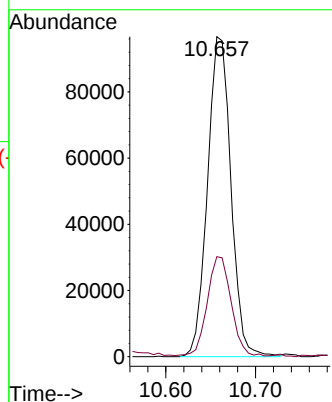
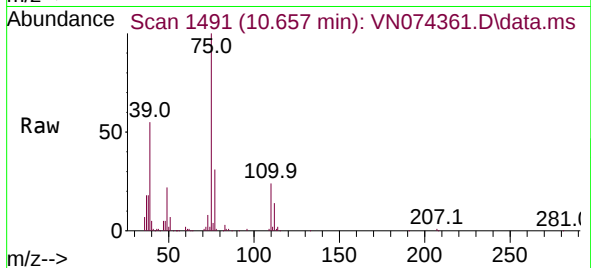
ClientSampleId :

Tgt Ion: 75 Resp: 175654

Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9



#49

cis-1,3-Dichloropropene

Concen: 20.003 ug/l

RT: 10.127 min Scan# 1401

Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

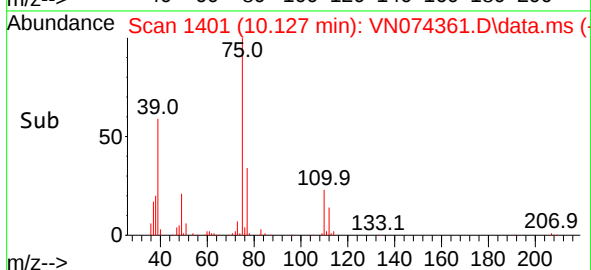
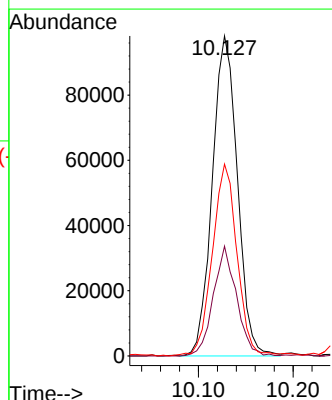
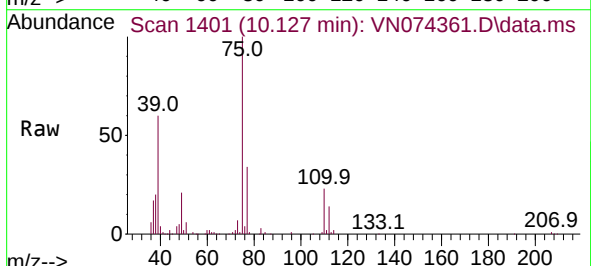
Tgt Ion: 75 Resp: 180718

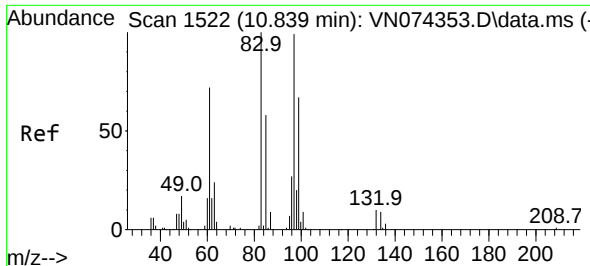
Ion Ratio Lower Upper

75 100

77 34.3 25.3 37.9

39 59.5 46.2 69.4



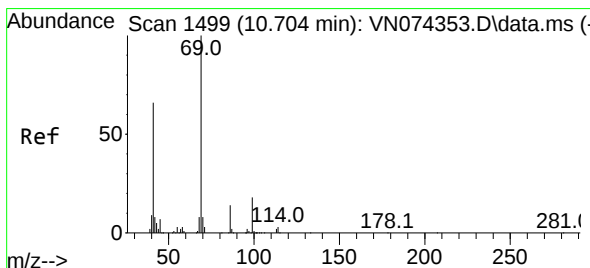
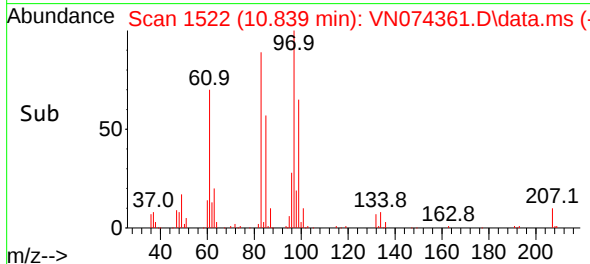
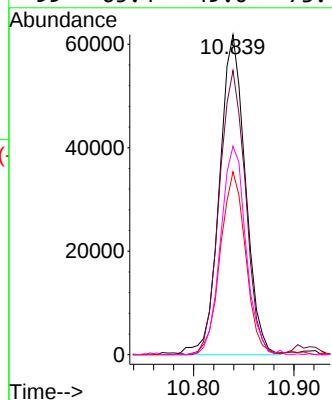
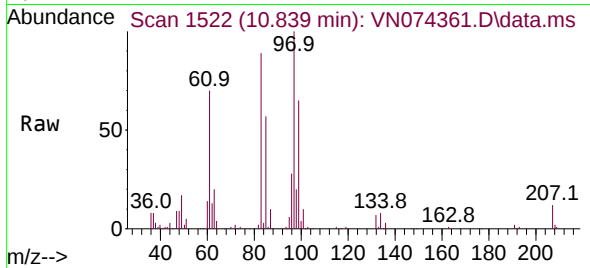


#50  
1,1,2-Trichloroethane  
Concen: 20.533 ug/l  
RT: 10.839 min Scan# 1522  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 97 Resp: 110796

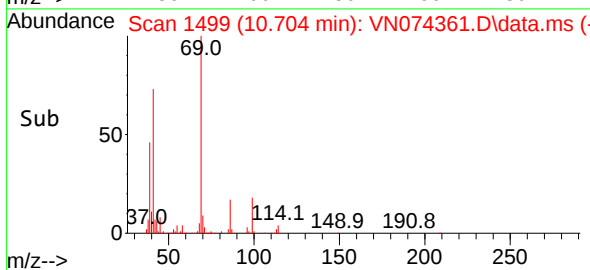
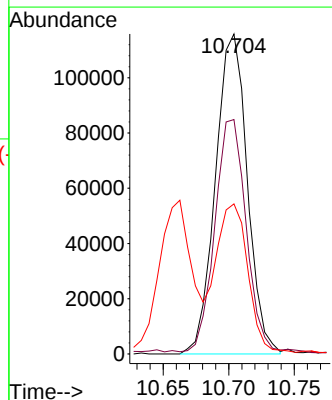
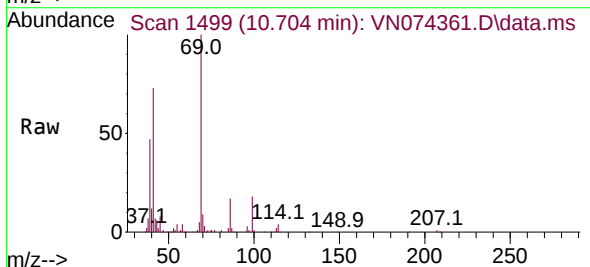
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.5  | 67.2  | 100.8 |
| 85  | 57.4  | 43.0  | 64.4  |
| 99  | 65.4  | 49.0  | 73.4  |

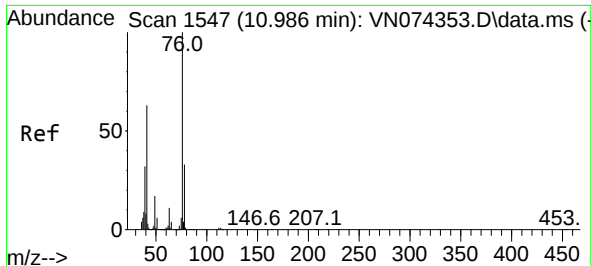


#51  
Ethyl methacrylate  
Concen: 20.371 ug/l  
RT: 10.704 min Scan# 1499  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion: 69 Resp: 195571

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 72.6  | 33.0  | 98.9  |
| 39  | 45.7  | 25.4  | 76.4  |





#52

1,3-Dichloropropane

Concen: 21.291 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Instrument :

MSVOA\_N

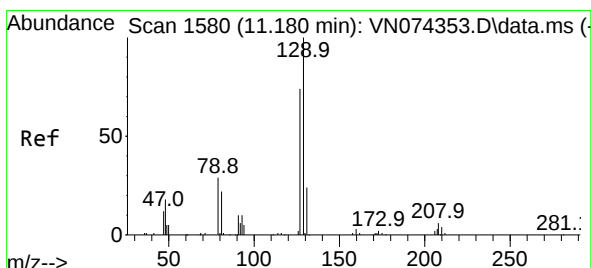
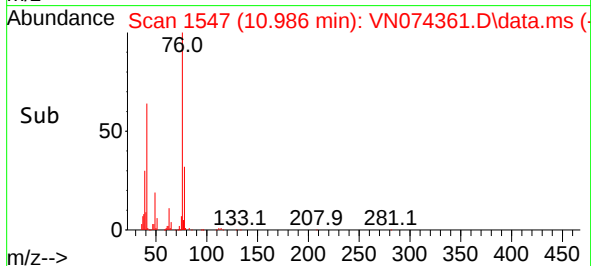
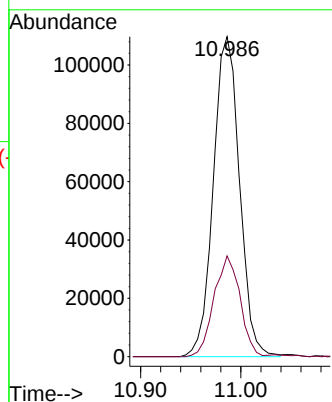
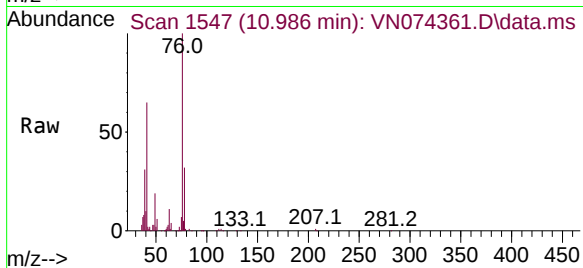
ClientSampleId :

Tgt Ion: 76 Resp: 199248

Ion Ratio Lower Upper

76 100

78 31.2 0.0 65.4



#53

Dibromochloromethane

Concen: 19.795 ug/l

RT: 11.180 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VN074361.D

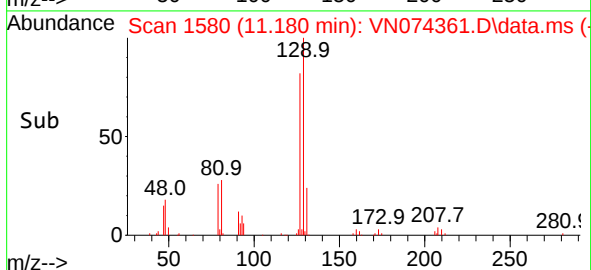
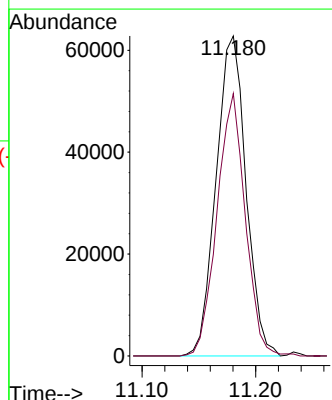
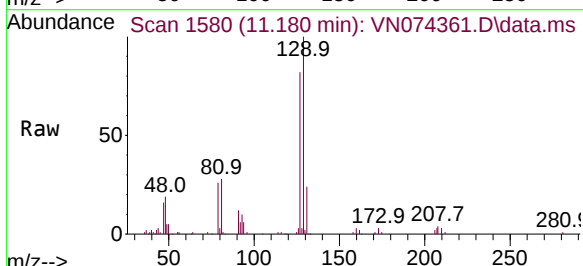
Acq: 08 Sep 2022 16:39

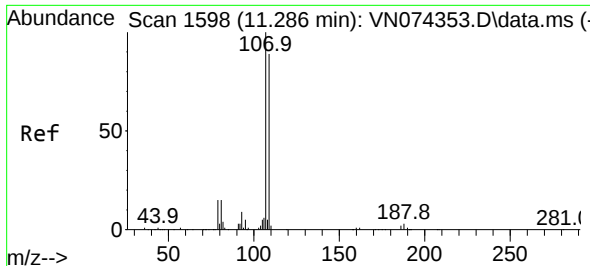
Tgt Ion: 129 Resp: 114850

Ion Ratio Lower Upper

129 100

127 77.3 39.0 117.0

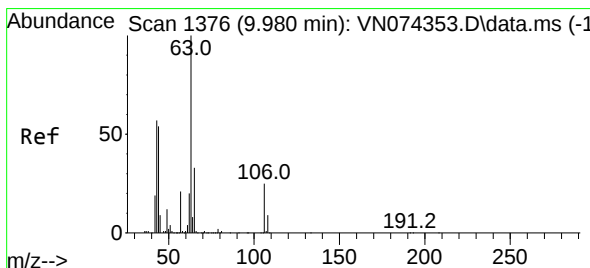
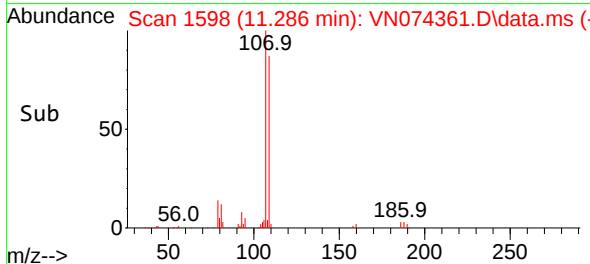
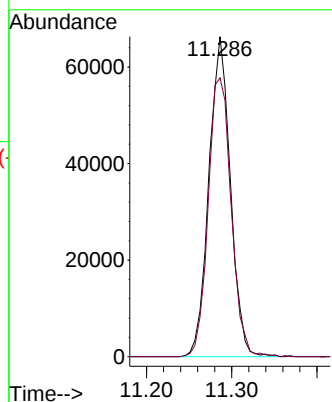
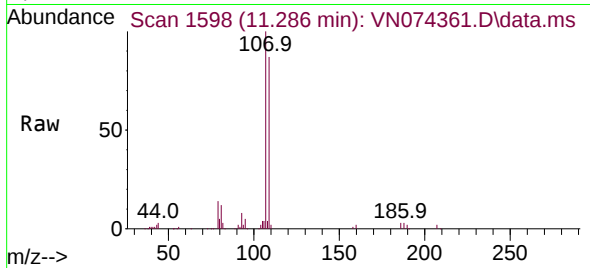




#54  
1,2-Dibromoethane  
Concen: 20.536 ug/l  
RT: 11.286 min Scan# 1598  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

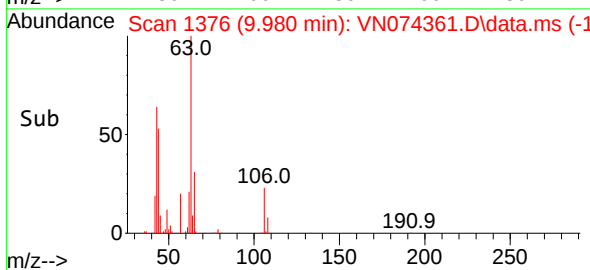
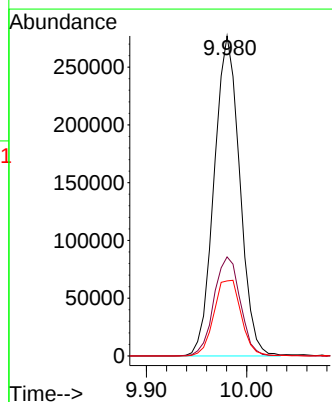
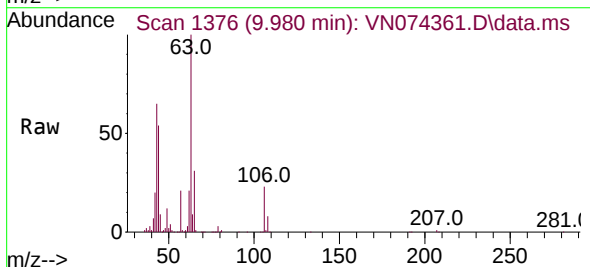
Instrument :  
MSVOA\_N  
ClientSampleId :

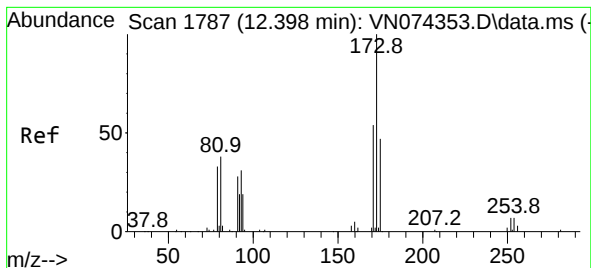
Tgt Ion:107 Resp: 116156  
Ion Ratio Lower Upper  
107 100  
109 92.6 72.8 109.2



#55  
2-Chloroethyl vinyl ether  
Concen: 106.676 ug/l  
RT: 9.980 min Scan# 1376  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion: 63 Resp: 491940  
Ion Ratio Lower Upper  
63 100  
65 31.8 25.4 38.0  
106 25.2 23.2 34.8





#56

Bromoform

Concen: 17.965 ug/l

RT: 12.398 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074361.D

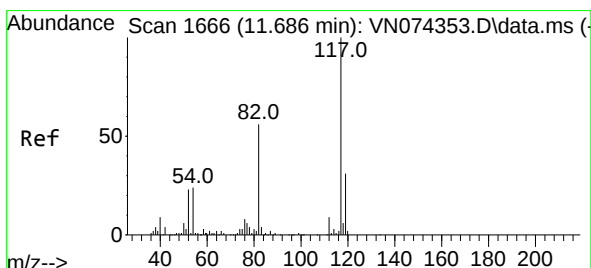
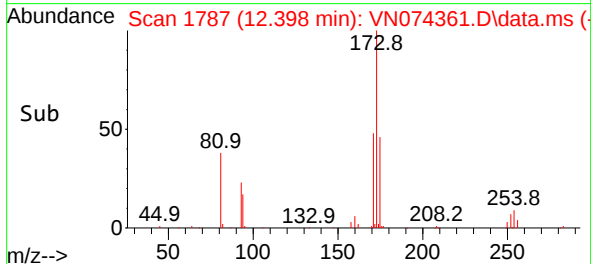
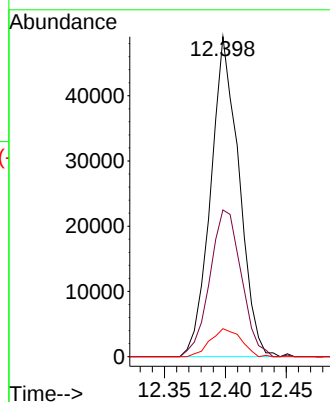
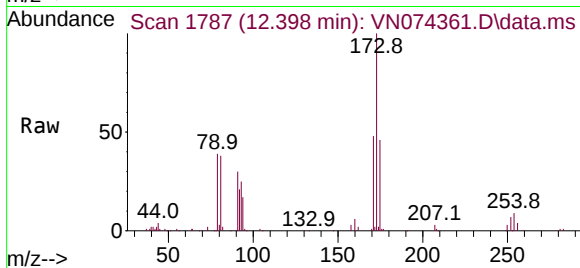
Acq: 08 Sep 2022 16:39

Instrument :

MSVOA\_N

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 79405 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 51.0  | 38.6  | 58.0  |
| 254       | 9.4   | 0.0   | 0.0#  |



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

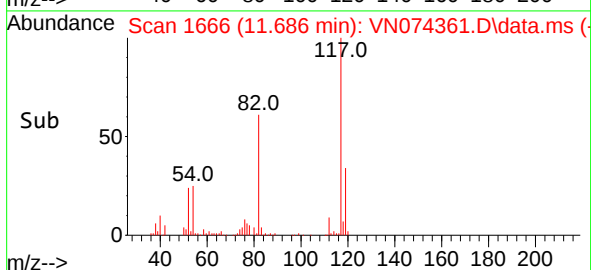
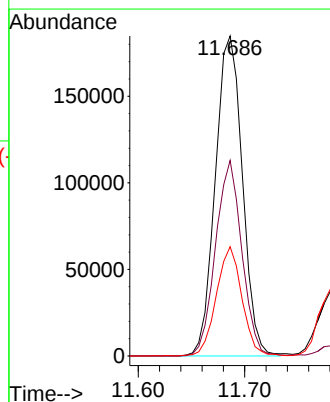
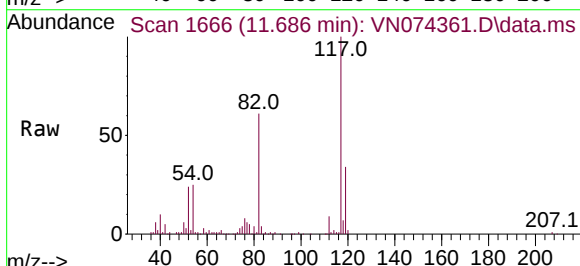
RT: 11.686 min Scan# 1666

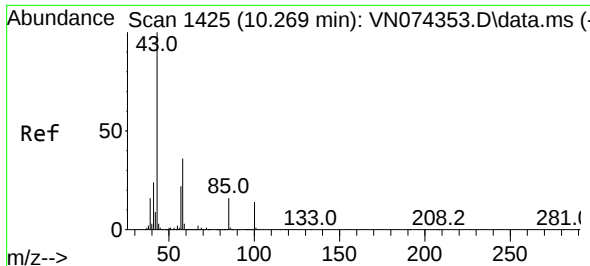
Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 326310 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 59.3  | 43.6  | 65.4   |
| 119       | 32.3  | 25.8  | 38.6   |

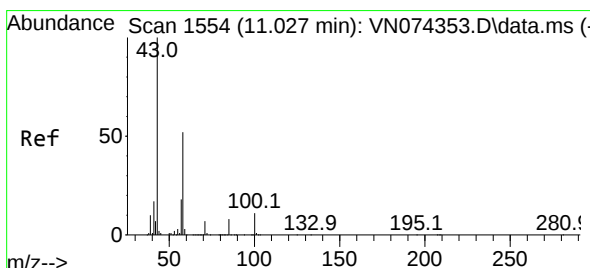
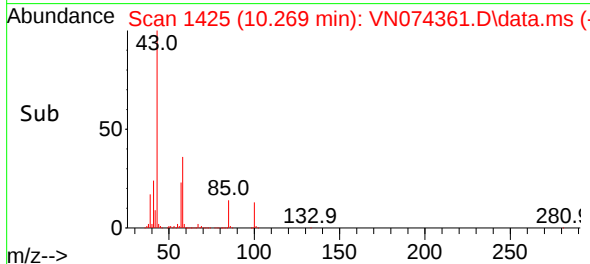
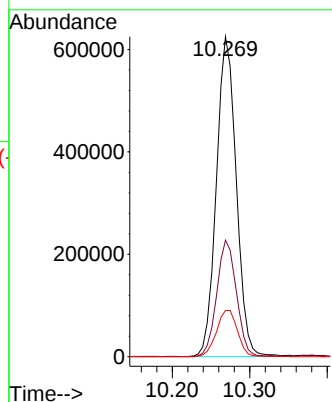
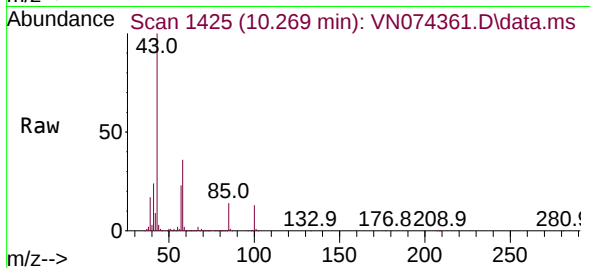




#58  
4-Methyl-2-Pentanone  
Concen: 109.750 ug/l  
RT: 10.269 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

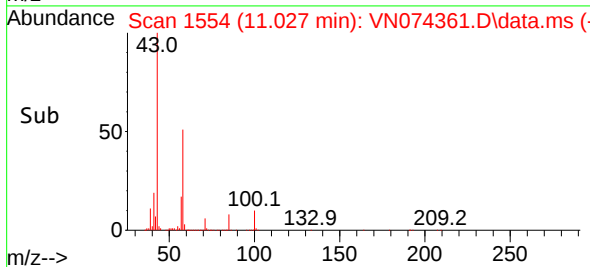
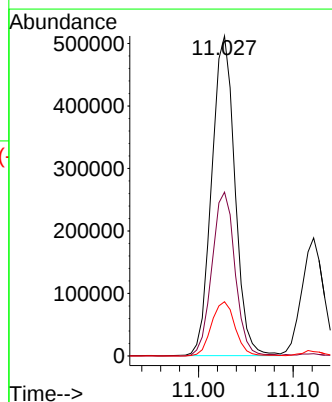
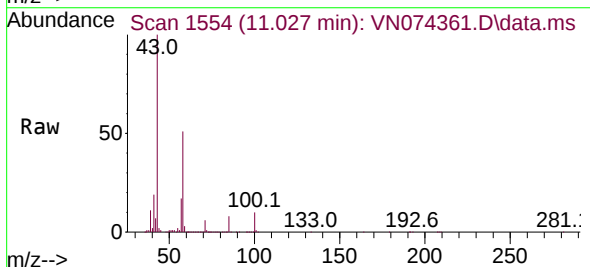
Instrument :  
MSVOA\_N  
ClientSampleId :

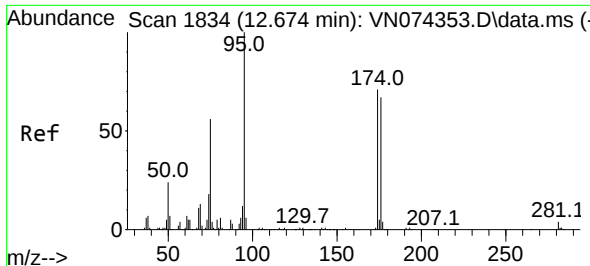
Tgt Ion: 43 Resp: 1113173  
Ion Ratio Lower Upper  
43 100  
58 36.0 30.0 45.0  
85 15.4 15.0 22.6



#59  
2-Hexanone  
Concen: 110.076 ug/l  
RT: 11.027 min Scan# 1554  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion: 43 Resp: 869871  
Ion Ratio Lower Upper  
43 100  
58 50.9 42.2 63.2  
57 17.4 15.0 22.4

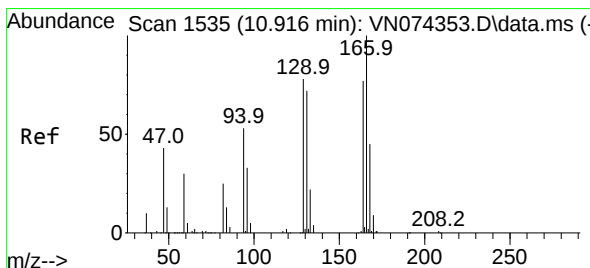
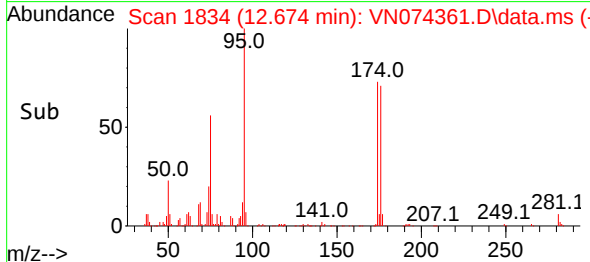
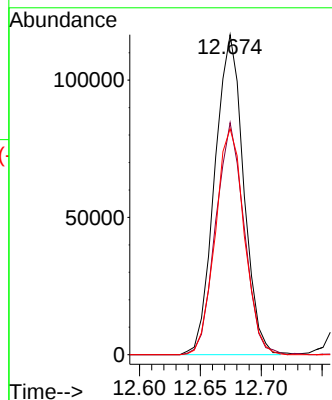
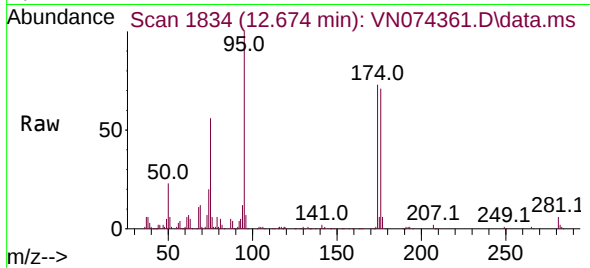




#60  
4-Bromofluorobenzene  
Concen: 29.392 ug/l  
RT: 12.674 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

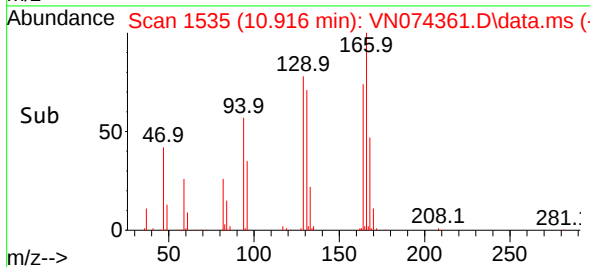
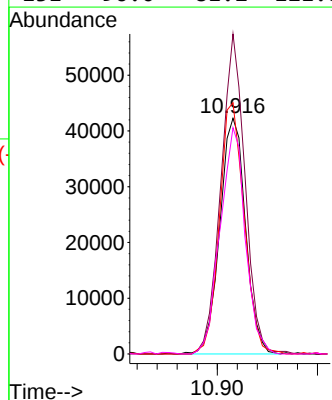
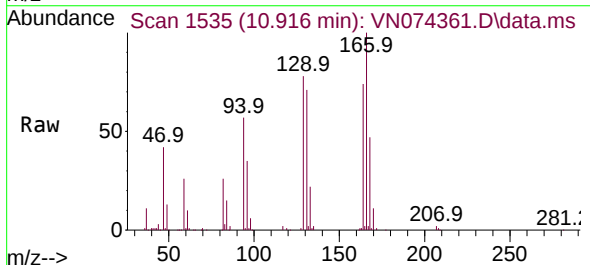
Instrument :  
MSVOA\_N  
ClientSampleId :

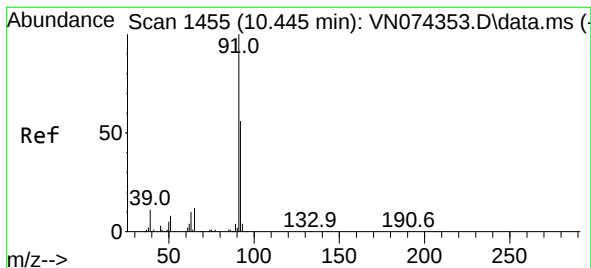
Tgt Ion: 95 Resp: 191799  
Ion Ratio Lower Upper  
95 100  
174 71.4 62.9 94.3  
176 71.1 61.0 91.4



#61  
Tetrachloroethene  
Concen: 18.532 ug/l  
RT: 10.916 min Scan# 1535  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion:164 Resp: 75026  
Ion Ratio Lower Upper  
164 100  
166 135.8 105.8 158.8  
129 106.6 82.5 123.7  
131 96.0 81.2 121.8





#62

Toluene

Concen: 20.121 ug/l

RT: 10.445 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Instrument :

MSVOA\_N

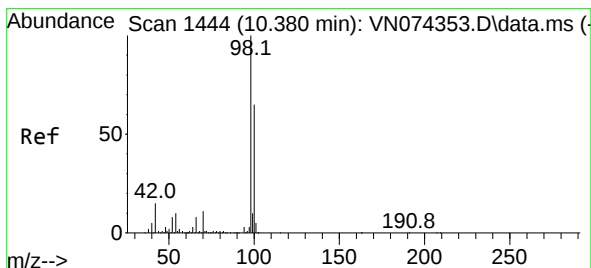
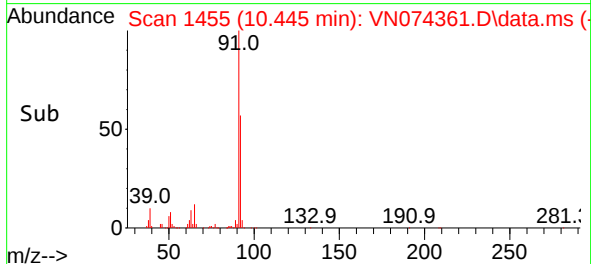
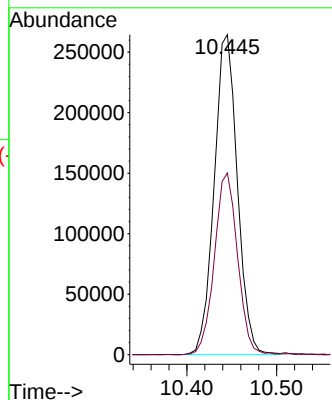
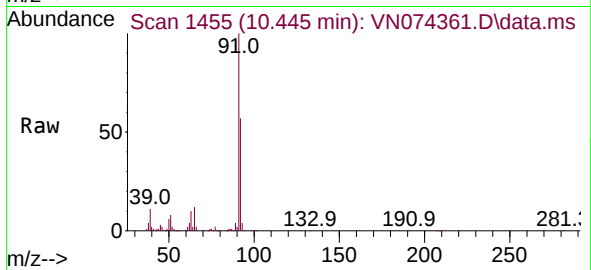
ClientSampleId :

Tgt Ion: 91 Resp: 474696

Ion Ratio Lower Upper

91 100

92 56.6 44.6 67.0



#63

Toluene-d8

Concen: 30.310 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074361.D

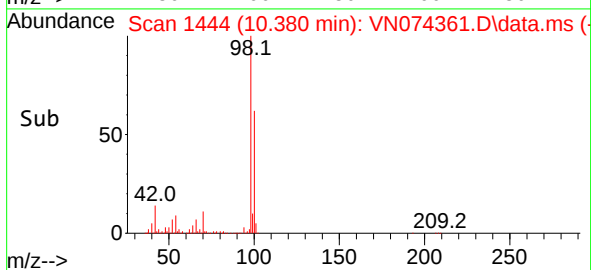
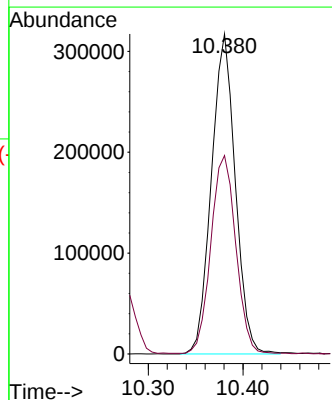
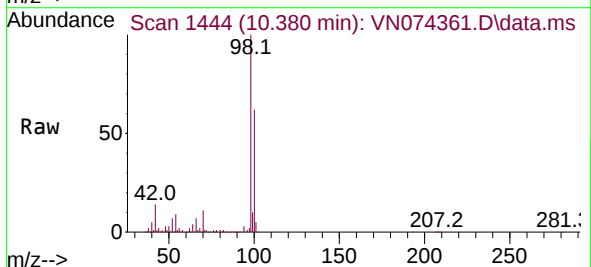
Acq: 08 Sep 2022 16:39

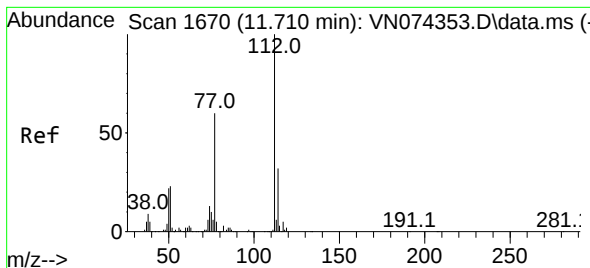
Tgt Ion: 98 Resp: 555533

Ion Ratio Lower Upper

98 100

100 65.0 50.6 76.0





#64

Chlorobenzene

Concen: 19.256 ug/l

RT: 11.710 min Scan# 1670

Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Instrument :

MSVOA\_N

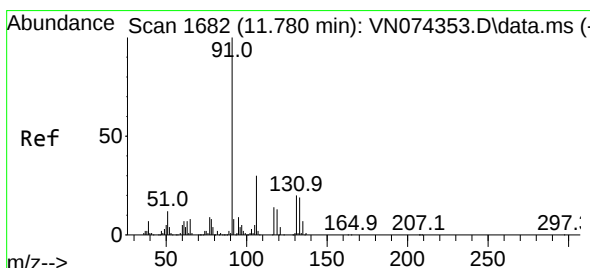
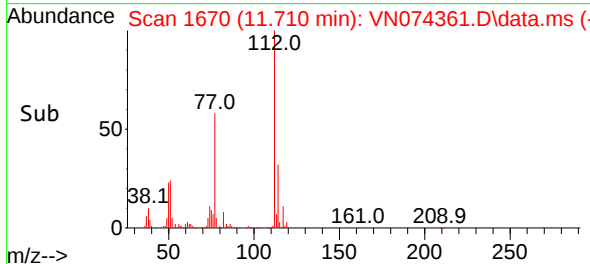
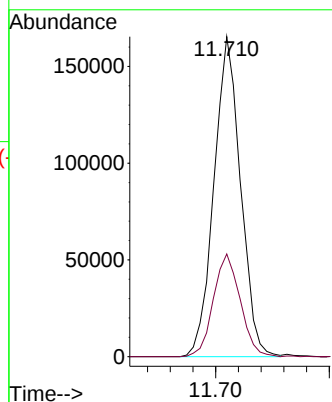
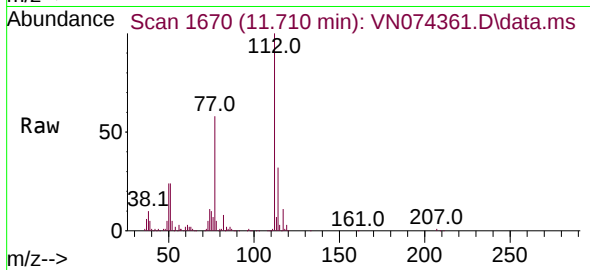
ClientSampleId :

Tgt Ion:112 Resp: 268837

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.6



#65

1,1,1,2-Tetrachloroethane

Concen: 19.941 ug/l

RT: 11.780 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

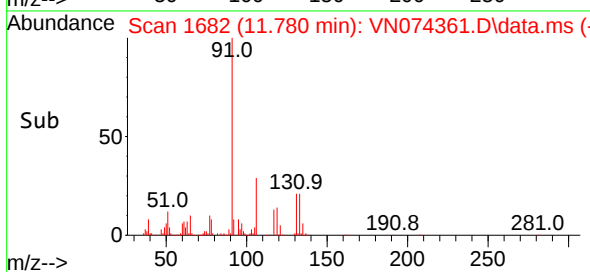
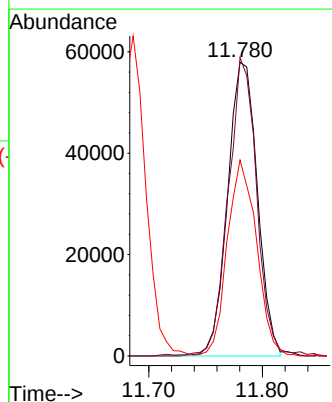
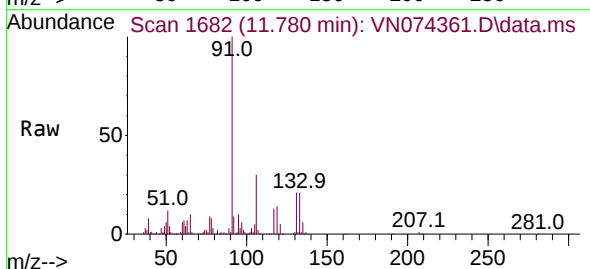
Tgt Ion:131 Resp: 105440

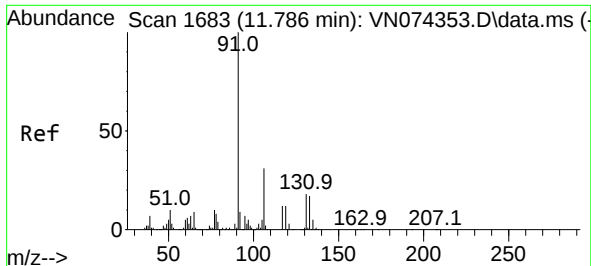
Ion Ratio Lower Upper

131 100

133 96.6 0.0 191.2

119 65.5 0.0 128.8

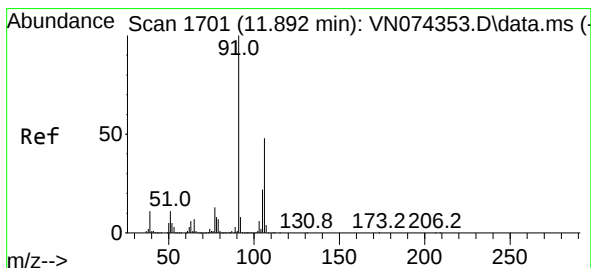
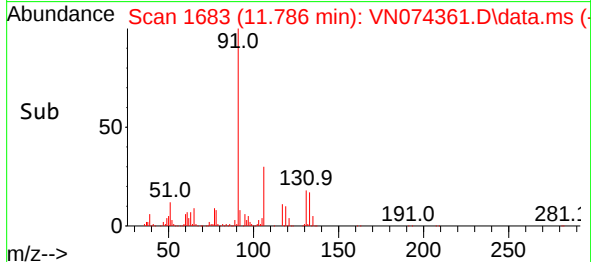
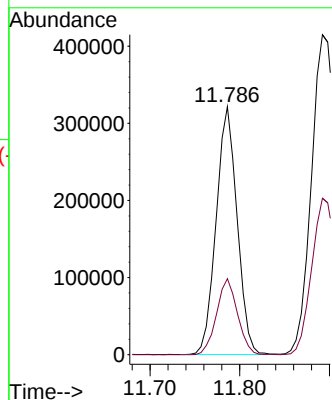
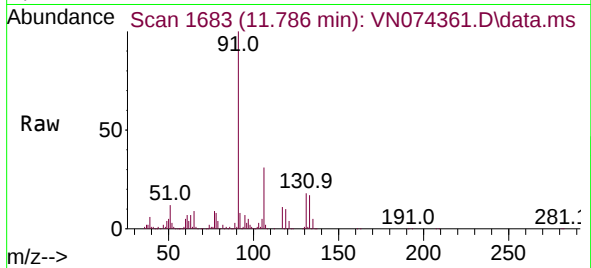




#66  
Ethyl Benzene  
Concen: 19.960 ug/l  
RT: 11.786 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

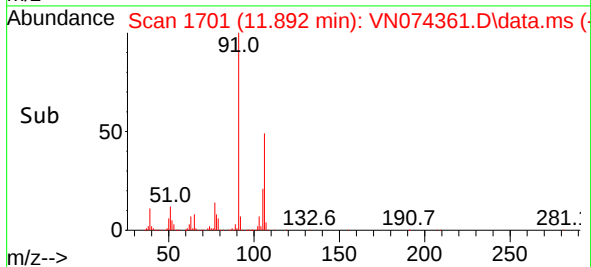
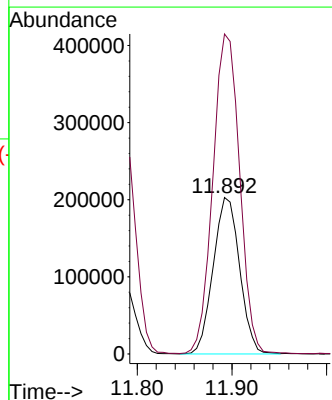
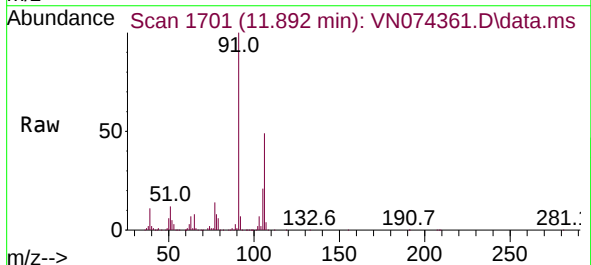
Instrument :  
MSVOA\_N  
ClientSampleId :

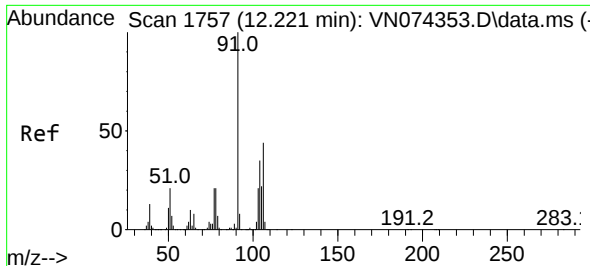
Tgt Ion: 91 Resp: 520828  
Ion Ratio Lower Upper  
91 100  
106 30.7 24.0 36.0



#67  
m/p-Xylenes  
Concen: 39.558 ug/l  
RT: 11.892 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion:106 Resp: 393560  
Ion Ratio Lower Upper  
106 100  
91 206.3 162.9 244.3

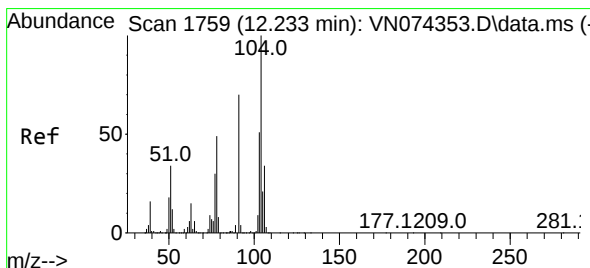
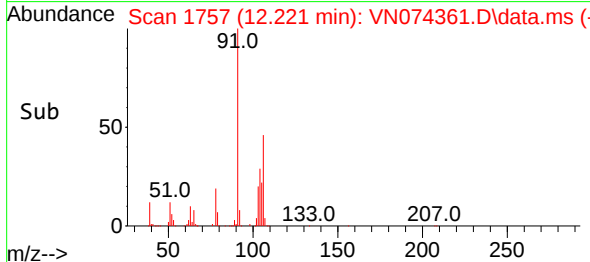
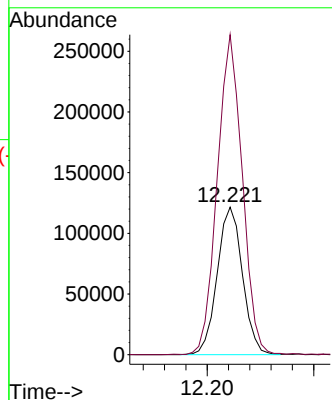
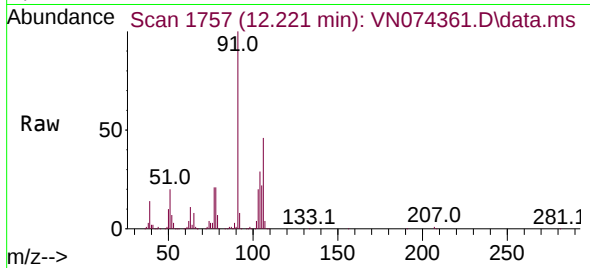




#68  
o-Xylene  
Concen: 19.682 ug/l  
RT: 12.221 min Scan# 1757  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

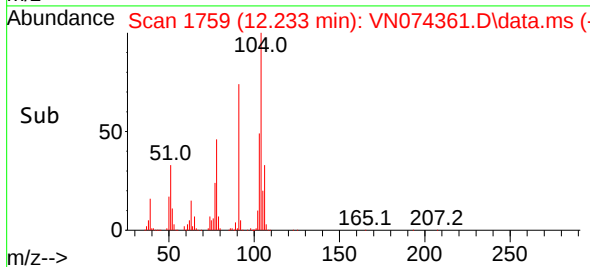
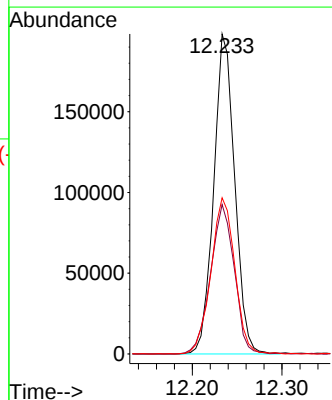
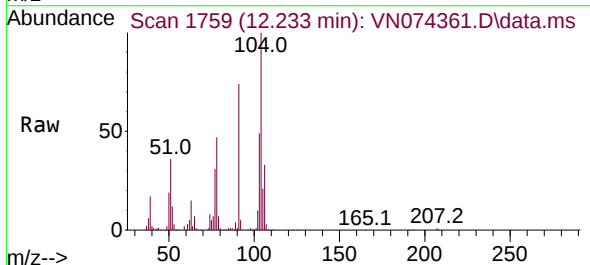
Instrument :  
MSVOA\_N  
ClientSampleId :

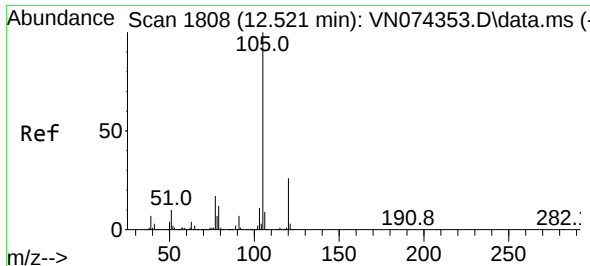
Tgt Ion:106 Resp: 199856  
Ion Ratio Lower Upper  
106 100  
91 214.4 107.7 323.1



#69  
Styrene  
Concen: 19.161 ug/l  
RT: 12.233 min Scan# 1759  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion:104 Resp: 321825  
Ion Ratio Lower Upper  
104 100  
78 52.6 40.7 61.1  
103 55.6 45.8 68.8

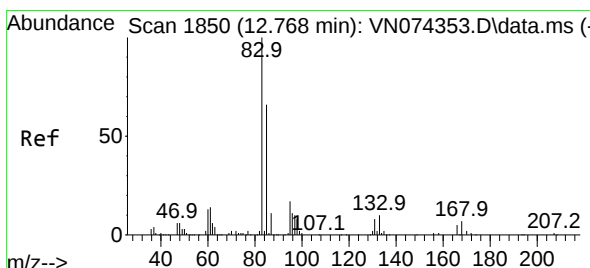
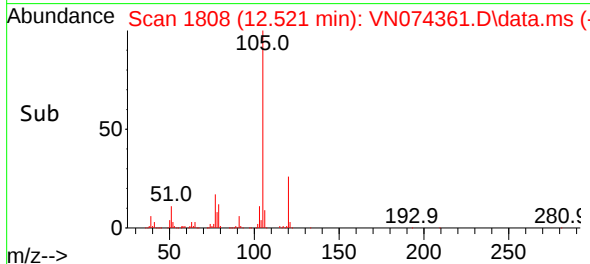
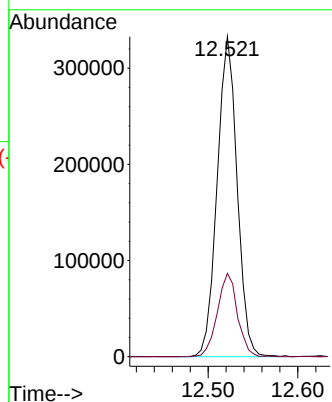
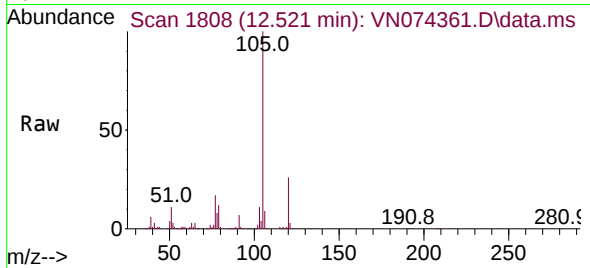




#70  
Isopropylbenzene  
Concen: 19.478 ug/l  
RT: 12.521 min Scan# 1808  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

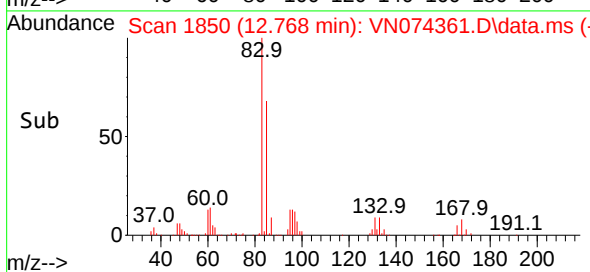
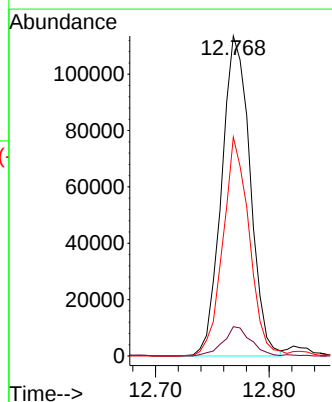
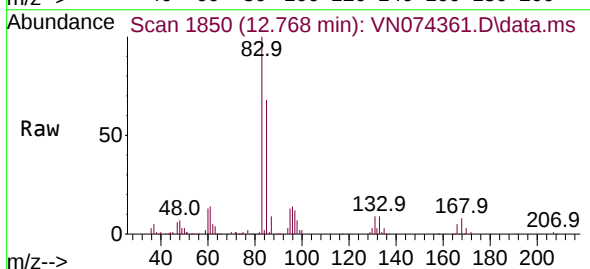
Instrument :  
MSVOA\_N  
ClientSampleId :

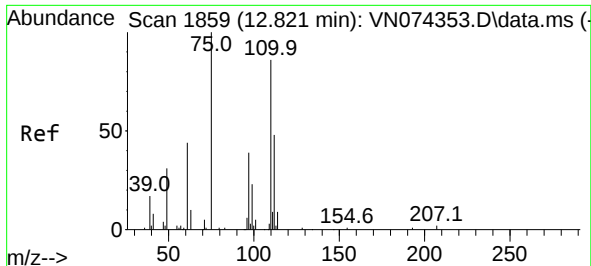
Tgt Ion:105 Resp: 513629  
Ion Ratio Lower Upper  
105 100  
120 26.1 18.3 34.1



#71  
1,1,2,2-Tetrachloroethane  
Concen: 21.522 ug/l  
RT: 12.768 min Scan# 1850  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion: 83 Resp: 197913  
Ion Ratio Lower Upper  
83 100  
131 8.9 5.1 15.3  
85 63.0 33.1 99.2

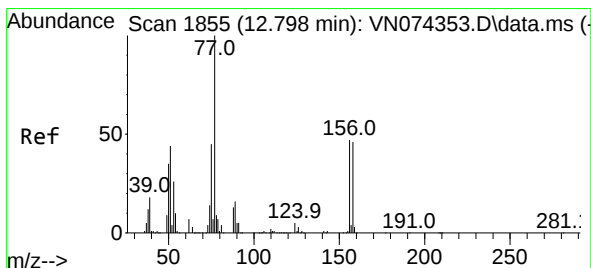
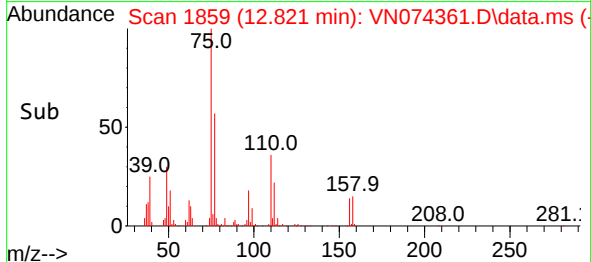
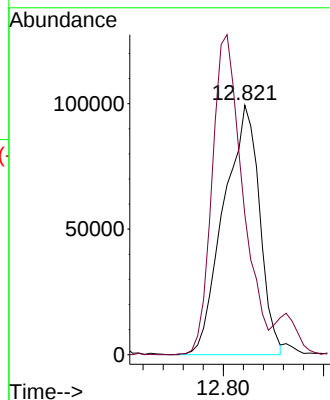
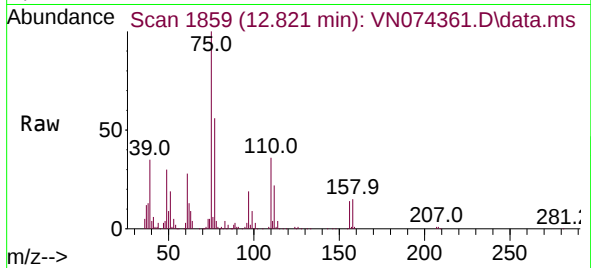




#72  
1,2,3-Trichloropropane  
Concen: 32.636 ug/l  
RT: 12.821 min Scan# 1859  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

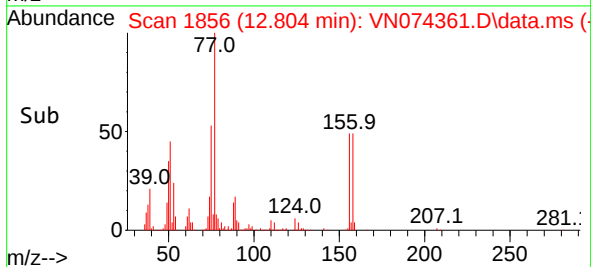
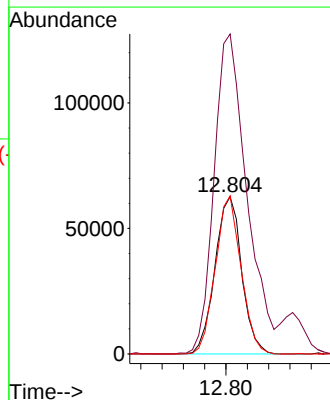
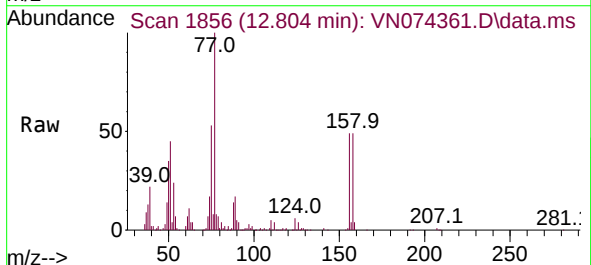
Instrument :  
MSVOA\_N  
ClientSampleId :

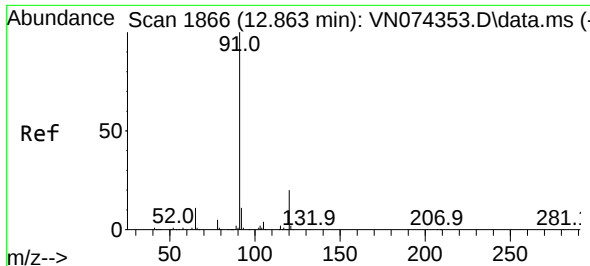
Tgt Ion: 75 Resp: 246483  
Ion Ratio Lower Upper  
75 100  
77 109.7 0.0 378.0



#73  
Bromobenzene  
Concen: 19.043 ug/l  
RT: 12.804 min Scan# 1856  
Delta R.T. 0.006 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion:156 Resp: 108915  
Ion Ratio Lower Upper  
156 100  
77 248.3 0.0 416.0  
158 96.7 0.0 195.4

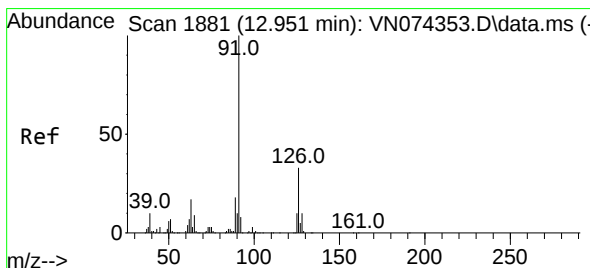
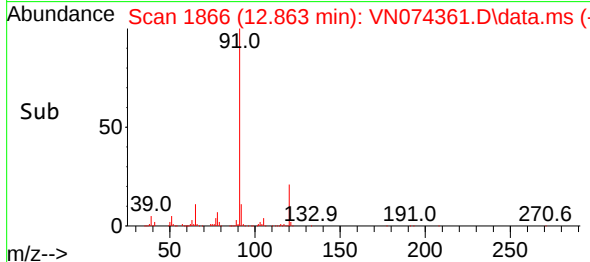
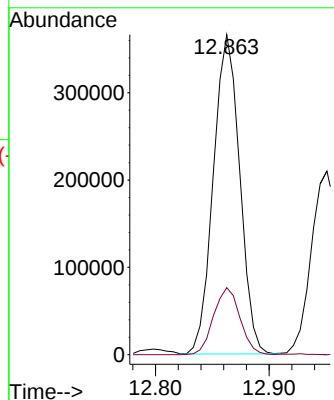
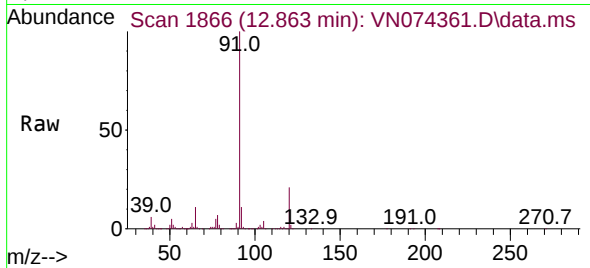




#74  
n-propylbenzene  
Concen: 19.246 ug/l  
RT: 12.863 min Scan# 1866  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

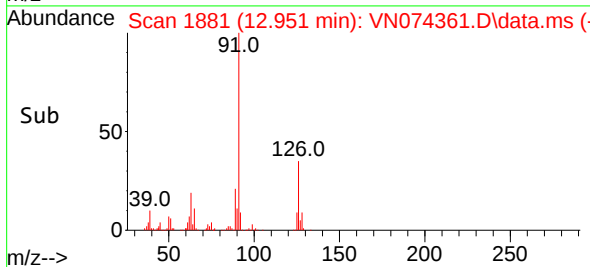
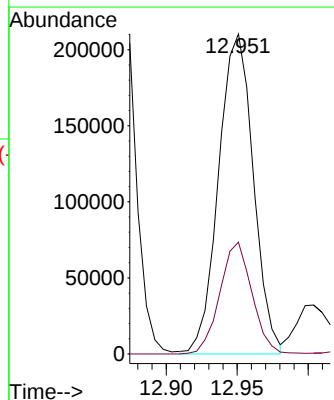
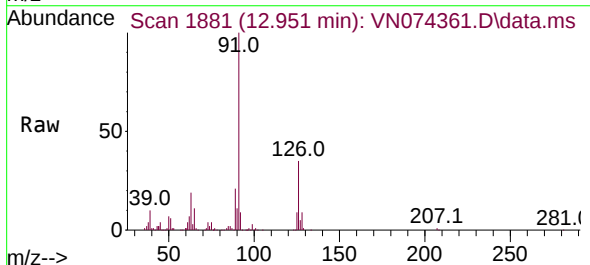
Instrument :  
MSVOA\_N  
ClientSampleId :

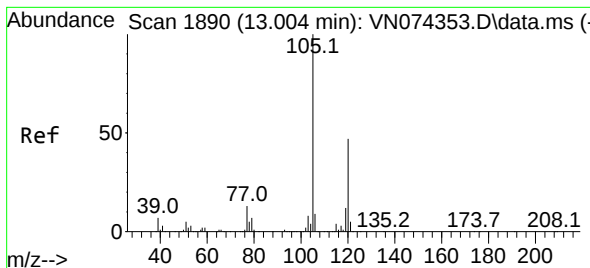
Tgt Ion: 91 Resp: 589870  
Ion Ratio Lower Upper  
91 100  
120 21.0 0.0 45.0



#75  
2-Chlorotoluene  
Concen: 19.569 ug/l  
RT: 12.951 min Scan# 1881  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion: 91 Resp: 357926  
Ion Ratio Lower Upper  
91 100  
126 32.3 0.0 69.8





#76

1,3,5-Trimethylbenzene

Concen: 18.994 ug/l

RT: 13.004 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Instrument :

MSVOA\_N

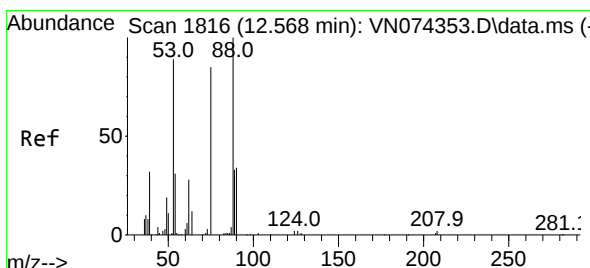
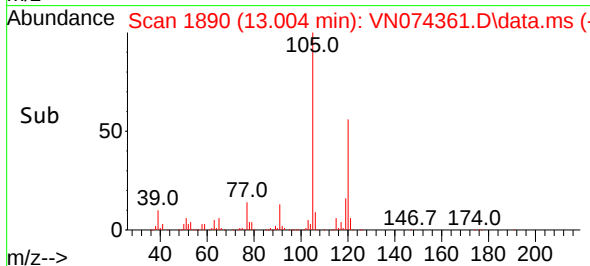
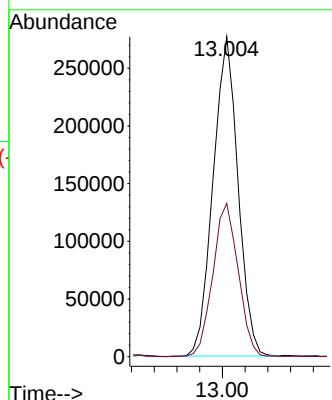
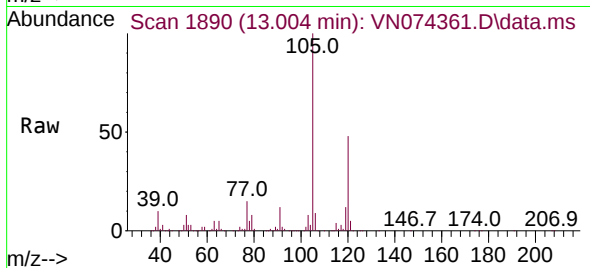
ClientSampleId :

Tgt Ion:105 Resp: 421167

Ion Ratio Lower Upper

105 100

120 49.0 0.0 93.8



#77

t-1,4-Dichloro-2-butene

Concen: 19.909 ug/l

RT: 12.568 min Scan# 1816

Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

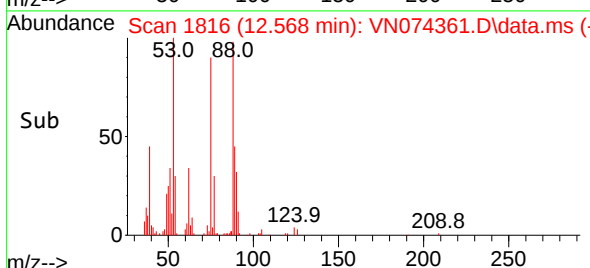
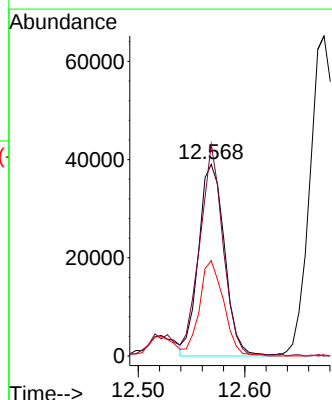
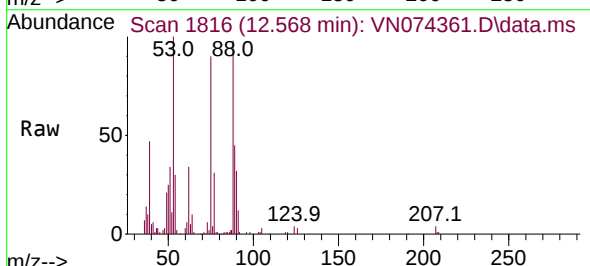
Tgt Ion: 75 Resp: 66492

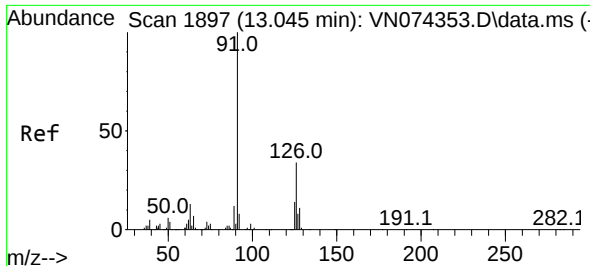
Ion Ratio Lower Upper

75 100

53 109.8 51.8 155.5

89 50.1 22.9 68.7

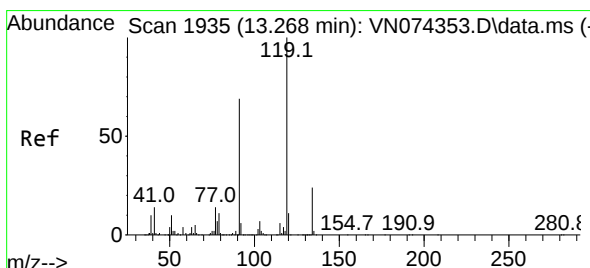
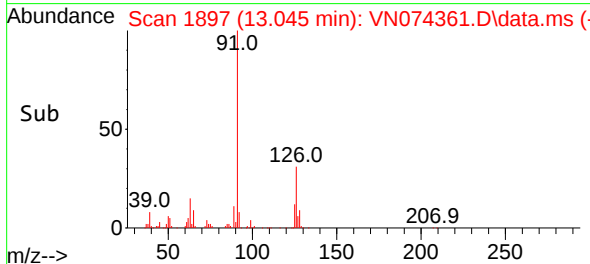
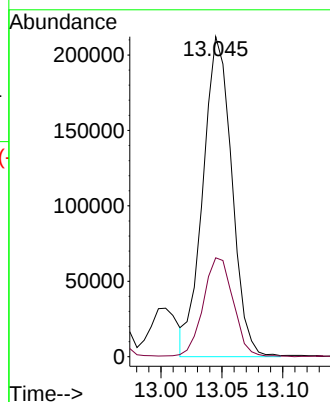
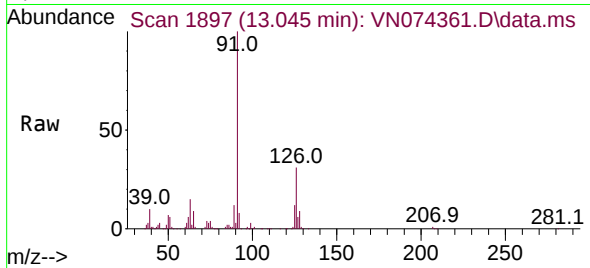




#78  
4-Chlorotoluene  
Concen: 19.460 ug/l  
RT: 13.045 min Scan# 1897  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

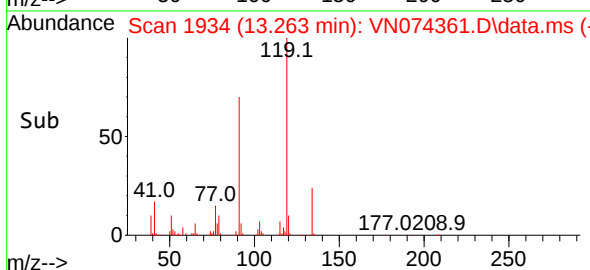
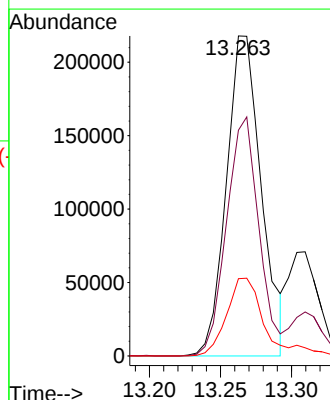
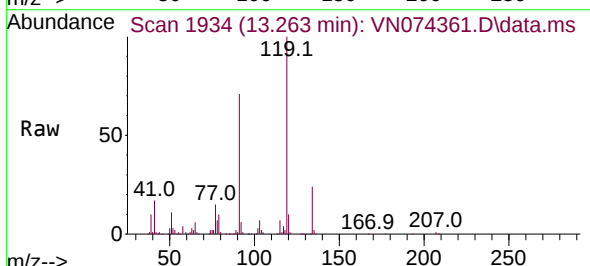
Instrument :  
MSVOA\_N  
ClientSampleId :

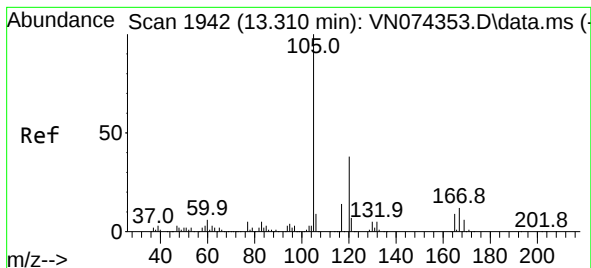
Tgt Ion: 91 Resp: 350324  
Ion Ratio Lower Upper  
91 100  
126 32.1 0.0 70.6



#79  
tert-butylbenzene  
Concen: 18.943 ug/l  
RT: 13.263 min Scan# 1934  
Delta R.T. -0.006 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion: 119 Resp: 373456  
Ion Ratio Lower Upper  
119 100  
91 69.3 0.0 137.0  
134 24.4 0.0 47.6





#80

1,2,4-Trimethylbenzene

Concen: 23.260 ug/l

RT: 13.445 min Scan# 1942

Delta R.T. 0.135 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Instrument :

MSVOA\_N

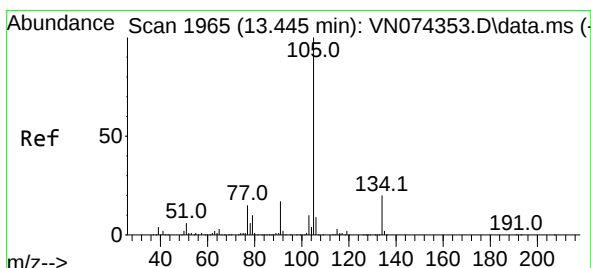
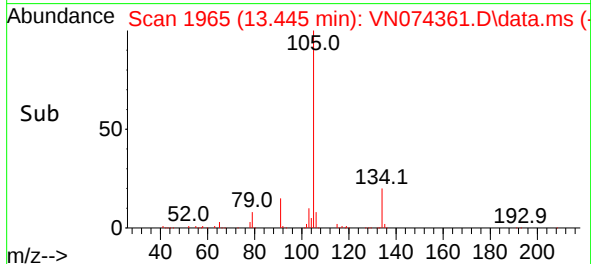
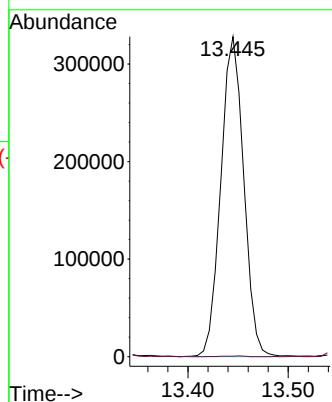
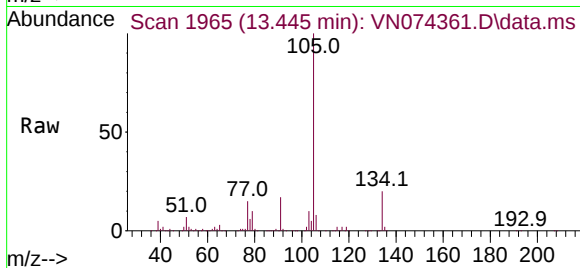
ClientSampleId :

Tgt Ion:105 Resp: 519195

Ion Ratio Lower Upper

105 100

120 0.1 0.0 0.2



#81

sec-Butylbenzene

Concen: 18.883 ug/l

RT: 13.445 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VN074361.D

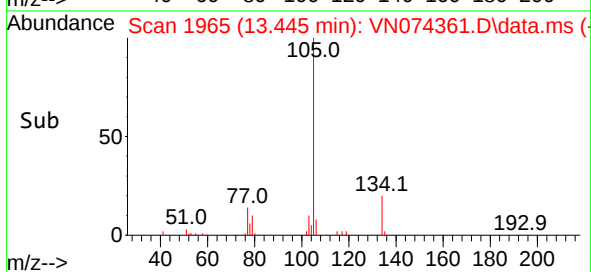
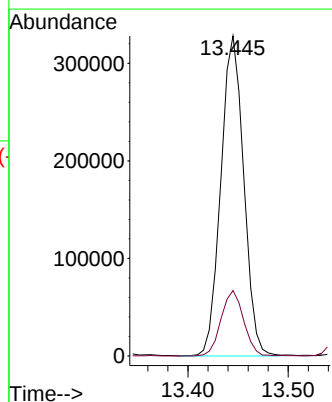
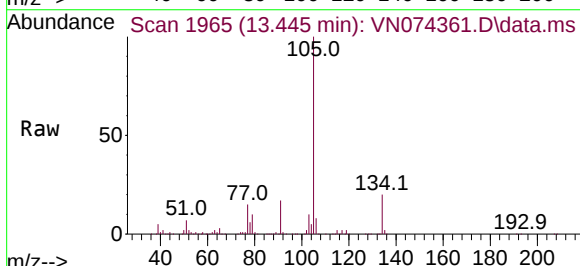
Acq: 08 Sep 2022 16:39

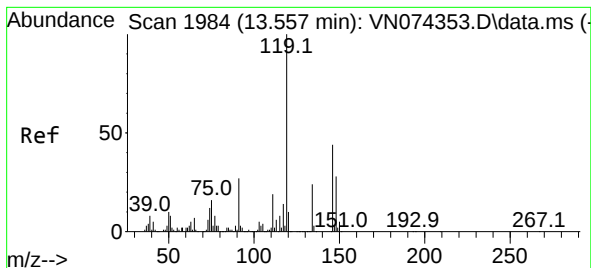
Tgt Ion:105 Resp: 519195

Ion Ratio Lower Upper

105 100

134 20.1 0.0 39.4





#82

p-Isopropyltoluene

Concen: 18.589 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

Instrument :

MSVOA\_N

ClientSampleId :

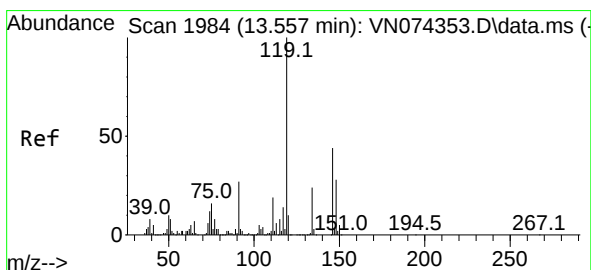
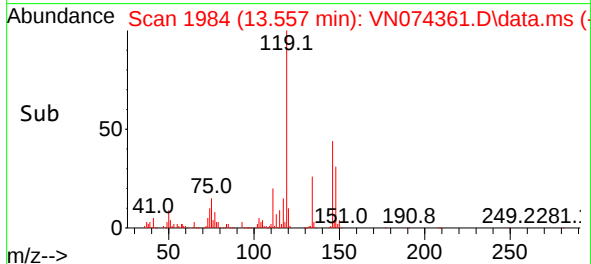
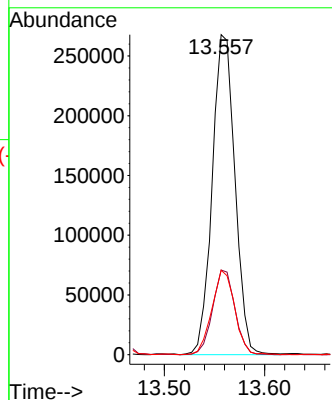
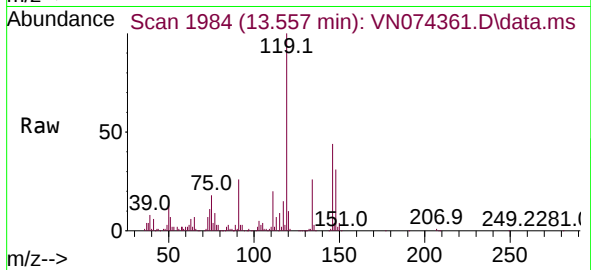
Tgt Ion:119 Resp: 422512

Ion Ratio Lower Upper

119 100

134 25.8 0.0 51.8

91 26.2 0.0 50.4



#83

1,3-Dichlorobenzene

Concen: 18.856 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN074361.D

Acq: 08 Sep 2022 16:39

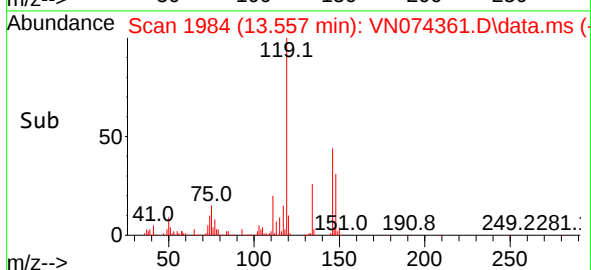
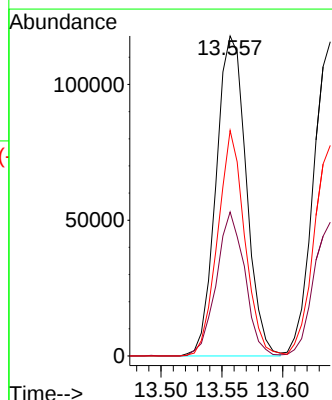
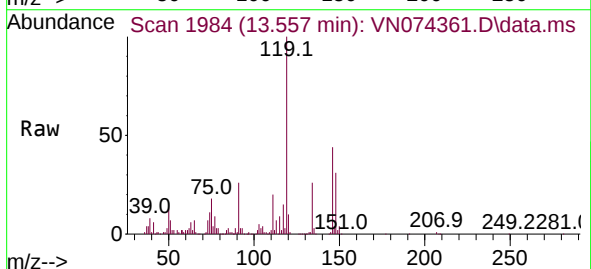
Tgt Ion:146 Resp: 202829

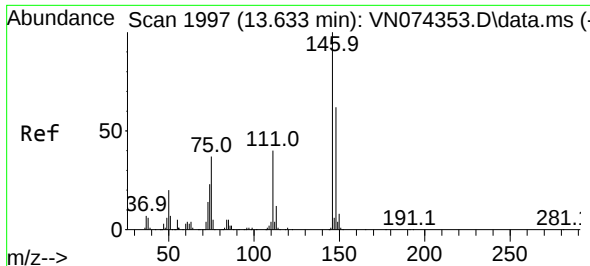
Ion Ratio Lower Upper

146 100

111 42.4 20.8 62.2

148 63.5 31.4 94.3

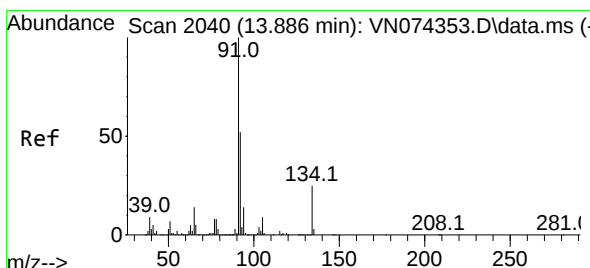
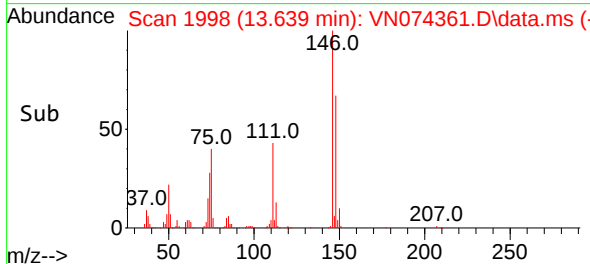
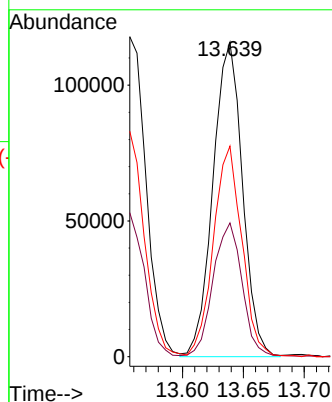
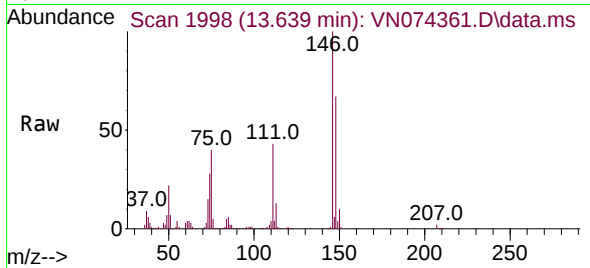




#84  
1,4-Dichlorobenzene  
Concen: 18.321 ug/l  
RT: 13.639 min Scan# 1997  
Delta R.T. 0.006 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

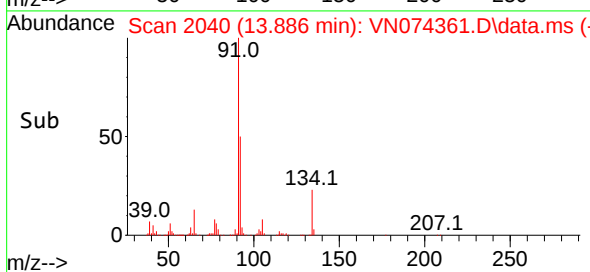
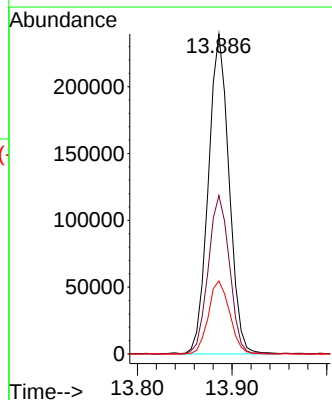
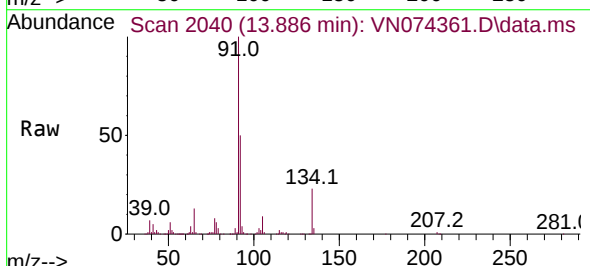
Instrument :  
MSVOA\_N  
ClientSampleId :

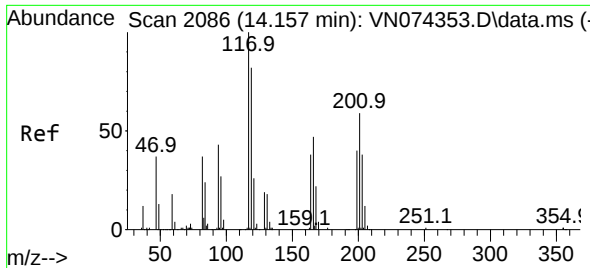
Tgt Ion:146 Resp: 195220  
Ion Ratio Lower Upper  
146 100  
111 41.7 19.5 58.5  
148 64.6 31.1 93.5



#85  
n-Butylbenzene  
Concen: 18.226 ug/l  
RT: 13.886 min Scan# 2040  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion: 91 Resp: 363545  
Ion Ratio Lower Upper  
91 100  
92 50.5 0.0 100.6  
134 23.4 0.0 50.2

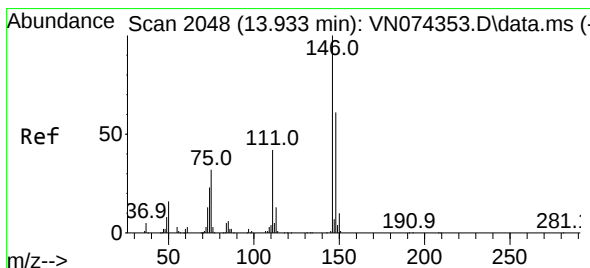
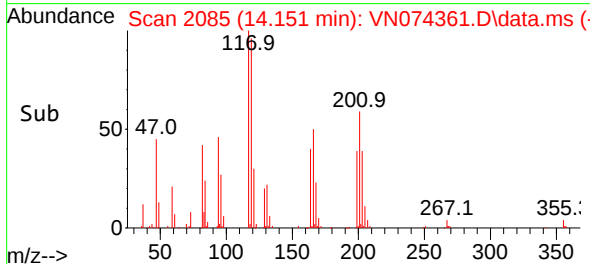
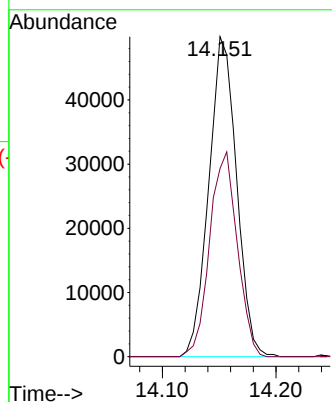
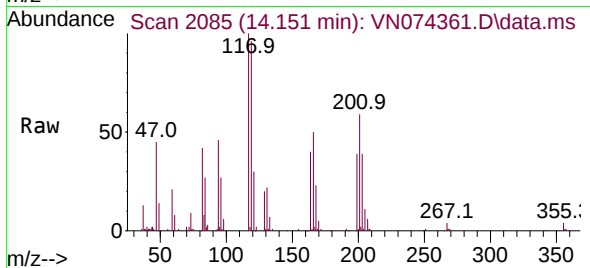




#86  
Hexachloroethane  
Concen: 19.102 ug/l  
RT: 14.151 min Scan# 2086  
Delta R.T. -0.006 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

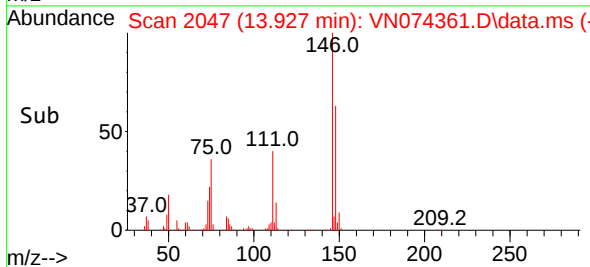
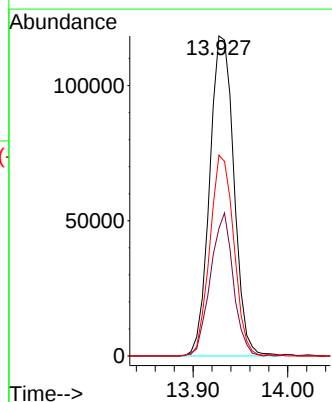
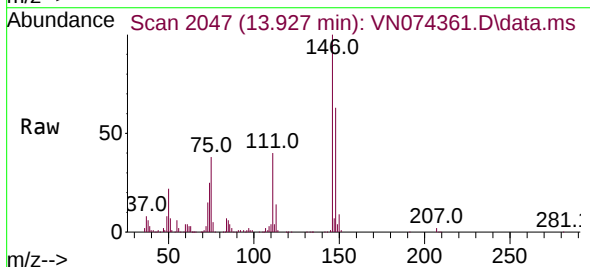
Instrument :  
MSVOA\_N  
ClientSampleId :

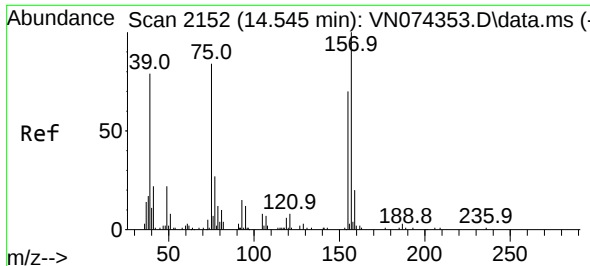
Tgt Ion:117 Resp: 84784  
Ion Ratio Lower Upper  
117 100  
201 63.5 33.3 99.8



#87  
1,2-Dichlorobenzene  
Concen: 18.972 ug/l  
RT: 13.927 min Scan# 2047  
Delta R.T. -0.006 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion:146 Resp: 211005  
Ion Ratio Lower Upper  
146 100  
111 42.0 21.4 64.2  
148 62.0 32.5 97.4

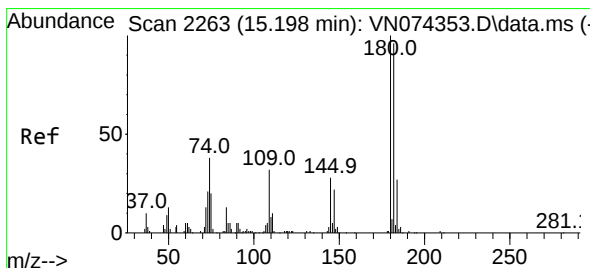
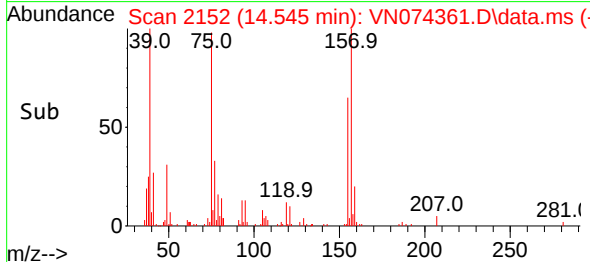
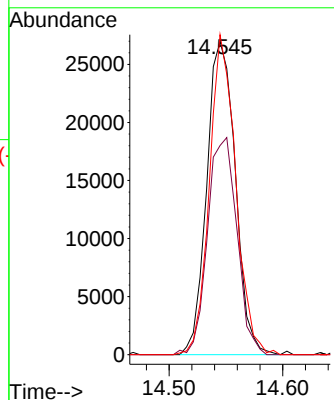
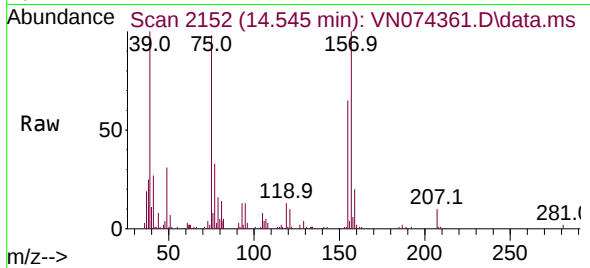




#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.973 ug/l  
 RT: 14.545 min Scan# 2152  
 Delta R.T. 0.000 min  
 Lab File: VN074361.D  
 Acq: 08 Sep 2022 16:39

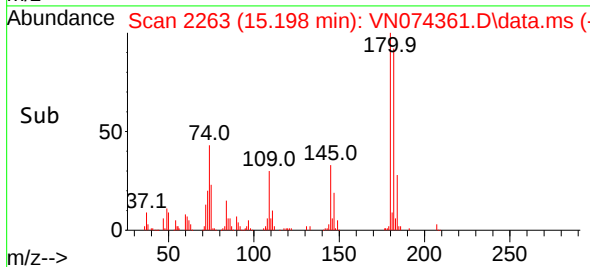
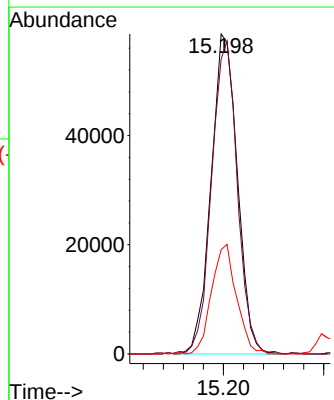
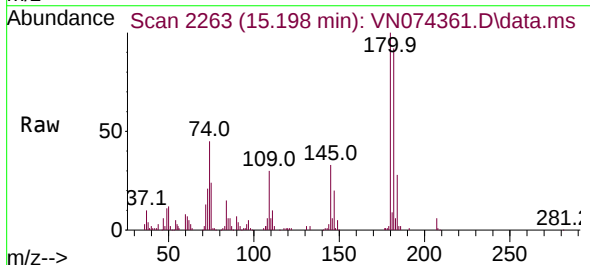
Instrument :  
 MSVOA\_N  
 ClientSampleId :

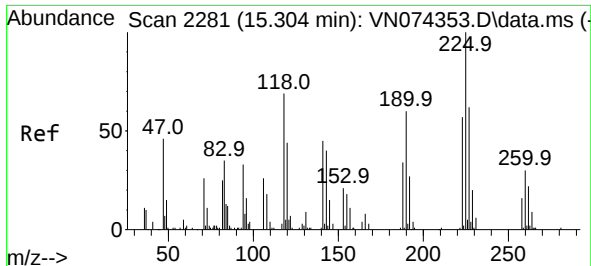
Tgt Ion: 75 Resp: 47234  
 Ion Ratio Lower Upper  
 75 100  
 155 71.1 63.8 95.8  
 157 93.8 77.9 116.9



#89  
 1,2,4-Trichlorobenzene  
 Concen: 18.373 ug/l  
 RT: 15.198 min Scan# 2263  
 Delta R.T. 0.000 min  
 Lab File: VN074361.D  
 Acq: 08 Sep 2022 16:39

Tgt Ion: 180 Resp: 106832  
 Ion Ratio Lower Upper  
 180 100  
 182 95.0 77.7 116.5  
 145 32.4 26.6 39.8

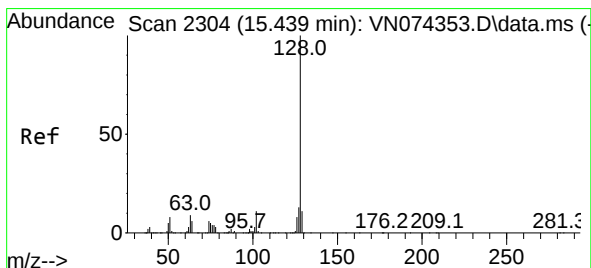
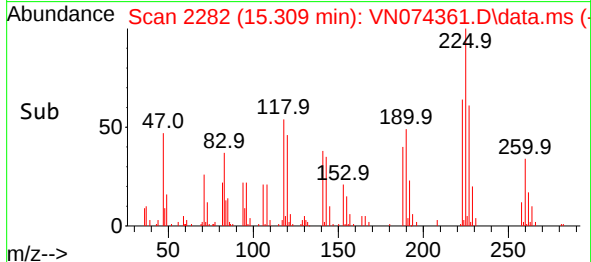
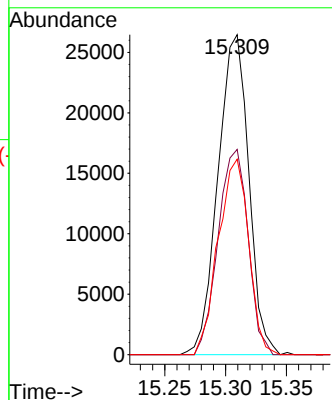
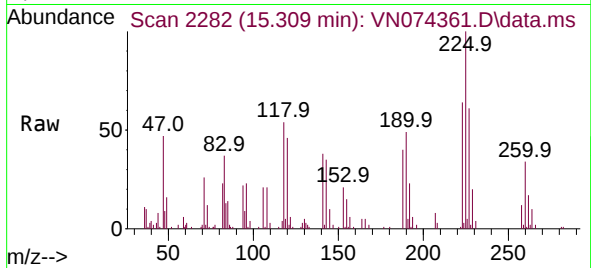




#90  
Hexachlorobutadiene  
Concen: 18.775 ug/l  
RT: 15.309 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

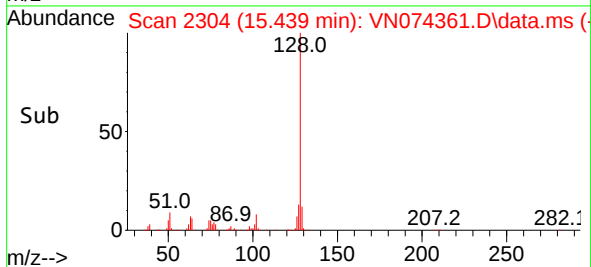
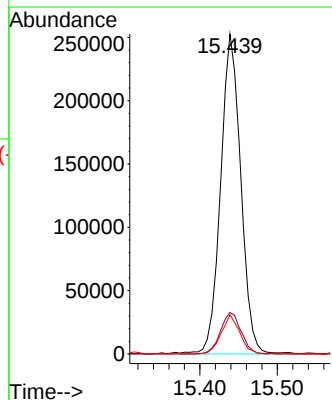
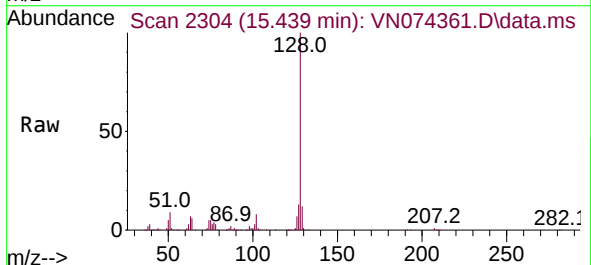
Instrument :  
MSVOA\_N  
ClientSampleId :

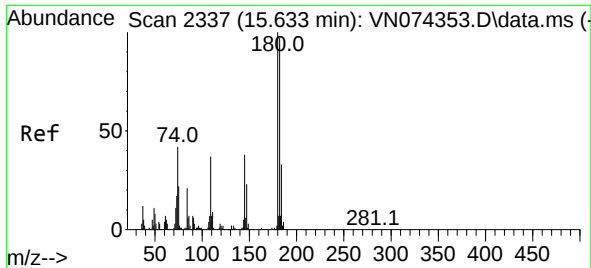
Tgt Ion:225 Resp: 46592  
Ion Ratio Lower Upper  
225 100  
223 62.4 0.0 126.8  
227 60.3 0.0 123.0



#91  
Naphthalene  
Concen: 19.625 ug/l  
RT: 15.439 min Scan# 2304  
Delta R.T. 0.000 min  
Lab File: VN074361.D  
Acq: 08 Sep 2022 16:39

Tgt Ion:128 Resp: 457446  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.7 16.1  
129 11.2 9.0 13.6





#92  
 1,2,3-Trichlorobenzene  
 Concen: 18.540 ug/l  
 RT: 15.633 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN074361.D  
 Acq: 08 Sep 2022 16:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:180 Resp: 109449  
 Ion Ratio Lower Upper  
 180 100  
 182 96.7 0.0 190.0  
 145 31.4 0.0 67.8

