

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071322\  
 Data File : VN073451.D  
 Acq On : 13 Jul 2022 15:58  
 Operator : JC\MD  
 Sample : VN0713WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0713WBS01

Quant Time: Jul 14 07:03:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 01:54:03 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.016  | 168  | 244950   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.904  | 114  | 416285   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.680 | 117  | 386440   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.615 | 152  | 190104   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.369  | 65    | 172035   | 48.651   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 97.300%  |
| 35) Dibromofluoromethane    | 7.951  | 113   | 138093   | 49.860   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 99.720%  |
| 50) Toluene-d8              | 10.380 | 98    | 472294   | 48.013   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 96.020%  |
| 62) 4-Bromofluorobenzene    | 12.668 | 95    | 193315   | 51.139   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 102.280% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.046 | 85  | 63126  | 17.627  | ug/l   | 97  |
| 3) Chloromethane             | 2.263 | 50  | 57900  | 16.653  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.404 | 62  | 52341  | 17.718  | ug/l   | 97  |
| 5) Bromomethane              | 2.804 | 94  | 26609  | 19.070  | ug/l   | 89  |
| 6) Chloroethane              | 2.969 | 64  | 32965  | 18.970  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.316 | 101 | 85476  | 16.736  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.763 | 74  | 41016  | 19.728  | ug/l   | 82  |
| 9) 1,1,2-Trichlorotrifluo... | 4.140 | 101 | 57715  | 19.125  | ug/l   | 95  |
| 10) Methyl Iodide            | 4.345 | 142 | 51523  | 15.518  | ug/l   | 95  |
| 11) Tert butyl alcohol       | 5.292 | 59  | 84086  | 98.162  | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.116 | 96  | 50918  | 17.658  | ug/l   | 95  |
| 13) Acrolein                 | 3.987 | 56  | 32356  | 59.760  | ug/l   | 97  |
| 14) Allyl chloride           | 4.763 | 41  | 112866 | 18.580  | ug/l # | 93  |
| 15) Acrylonitrile            | 5.475 | 53  | 227256 | 103.058 | ug/l   | 98  |
| 16) Acetone                  | 4.216 | 43  | 208695 | 105.142 | ug/l   | 91  |
| 17) Carbon Disulfide         | 4.457 | 76  | 109037 | 14.583  | ug/l   | 97  |
| 18) Methyl Acetate           | 4.775 | 43  | 124453 | 22.374  | ug/l   | 90  |
| 19) Methyl tert-butyl Ether  | 5.534 | 73  | 211096 | 20.086  | ug/l   | 98  |
| 20) Methylene Chloride       | 5.016 | 84  | 63230  | 18.127  | ug/l # | 88  |
| 21) trans-1,2-Dichloroethene | 5.516 | 96  | 54667  | 18.144  | ug/l   | 95  |
| 22) Diisopropyl ether        | 6.410 | 45  | 236530 | 20.867  | ug/l   | 93  |
| 23) Vinyl Acetate            | 6.351 | 43  | 984051 | 96.962  | ug/l # | 93  |
| 24) 1,1-Dichloroethane       | 6.304 | 63  | 115908 | 19.760  | ug/l   | 100 |
| 25) 2-Butanone               | 7.257 | 43  | 341695 | 108.126 | ug/l   | 91  |
| 26) 2,2-Dichloropropane      | 7.245 | 77  | 91384  | 16.844  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.251 | 96  | 69349  | 19.007  | ug/l   | 96  |
| 28) Bromochloromethane       | 7.581 | 49  | 54251  | 22.083  | ug/l # | 81  |
| 29) Tetrahydrofuran          | 7.610 | 42  | 230224 | 106.397 | ug/l # | 86  |
| 30) Chloroform               | 7.745 | 83  | 115024 | 19.469  | ug/l   | 97  |
| 31) Cyclohexane              | 8.022 | 56  | 100646 | 17.379  | ug/l   | 91  |
| 32) 1,1,1-Trichloroethane    | 7.939 | 97  | 98825  | 18.770  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.145 | 75  | 79793  | 18.724  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.333 | 43  | 135454 | 21.036  | ug/l # | 95  |
| 38) Carbon Tetrachloride     | 8.133 | 117 | 78124  | 17.727  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.392 | 83  | 98530  | 18.571  | ug/l   | 93  |
| 40) Benzene                  | 8.386 | 78  | 252749 | 19.218  | ug/l   | 98  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071322\  
 Data File : VN073451.D  
 Acq On : 13 Jul 2022 15:58  
 Operator : JC\MD  
 Sample : VN0713WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0713WBS01

Quant Time: Jul 14 07:03:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 01:54:03 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.563  | 41   | 67905    | 21.744  | ug/l # | 84       |
| 42) 1,2-Dichloroethane        | 8.463  | 62   | 93228    | 19.555  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.492  | 43   | 190888   | 20.627  | ug/l   | 94       |
| 44) Trichloroethene           | 9.145  | 130  | 62251    | 18.600  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.427  | 63   | 67885    | 20.251  | ug/l   | 97       |
| 46) Dibromomethane            | 9.516  | 93   | 45596    | 20.033  | ug/l   | 89       |
| 47) Bromodichloromethane      | 9.698  | 83   | 88890    | 20.164  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.498  | 41   | 86553    | 20.200  | ug/l   | 88       |
| 49) 1,4-Dioxane               | 9.504  | 88   | 35178    | 432.471 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone      | 10.269 | 43   | 663886   | 113.125 | ug/l   | 90       |
| 52) Toluene                   | 10.445 | 92   | 157747   | 19.408  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.657 | 75   | 90763    | 18.703  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.127 | 75   | 99435    | 18.979  | ug/l # | 87       |
| 55) 1,1,2-Trichloroethane     | 10.839 | 97   | 67466    | 20.162  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.704 | 69   | 110161   | 20.369  | ug/l # | 87       |
| 57) 1,3-Dichloropropane       | 10.980 | 76   | 116881   | 20.376  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.980  | 63   | 239824   | 99.428  | ug/l   | 95       |
| 59) 2-Hexanone                | 11.027 | 43   | 499142   | 111.579 | ug/l   | 89       |
| 60) Dibromochloromethane      | 11.180 | 129  | 63778    | 19.991  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.286 | 107  | 64941    | 19.430  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.910 | 164  | 59027    | 18.706  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.710 | 112  | 165621   | 18.950  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.780 | 131  | 60060    | 18.683  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.786 | 91   | 311366   | 19.624  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.892 | 106  | 233197   | 38.943  | ug/l   | 95       |
| 69) o-Xylene                  | 12.221 | 106  | 120887   | 19.775  | ug/l   | 100      |
| 70) Styrene                   | 12.233 | 104  | 193101   | 20.460  | ug/l   | 100      |
| 71) Bromoform                 | 12.398 | 173  | 45478    | 19.334  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.516 | 105  | 311549   | 18.978  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.327 | 43   | 146914   | 17.873  | ug/l   | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.768 | 83   | 105625   | 19.389  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.821 | 75   | 133765   | 26.910  | ug/l # | 1        |
| 77) Bromobenzene              | 12.798 | 156  | 70977    | 18.596  | ug/l   | 88       |
| 78) n-propylbenzene           | 12.863 | 91   | 353363   | 19.376  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.945 | 91   | 221171   | 19.162  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 12.998 | 105  | 260681   | 19.482  | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-b... | 12.568 | 75   | 30684    | 16.929  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 13.045 | 91   | 206281   | 18.460  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.263 | 119  | 228720   | 19.066  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.310 | 105  | 265183   | 19.850  | ug/l   | 94       |
| 85) sec-Butylbenzene          | 13.439 | 105  | 325981   | 20.237  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.557 | 119  | 265048   | 20.369  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.551 | 146  | 127444   | 18.612  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.633 | 146  | 127741   | 18.620  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.880 | 91   | 219862   | 20.277  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.145 | 117  | 41860    | 17.262  | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene       | 13.927 | 146  | 130193   | 18.665  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.539 | 75   | 24697    | 18.653  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.192 | 180  | 74419    | 20.491  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.304 | 225  | 31707    | 19.639  | ug/l   | 98       |
| 95) Naphthalene               | 15.433 | 128  | 291393   | 19.888  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.627 | 180  | 74827    | 19.973  | ug/l   | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071322\  
Data File : VN073451.D  
Acq On : 13 Jul 2022 15:58  
Operator : JC\MD  
Sample : VN0713WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 10 Sample Multiplier: 1

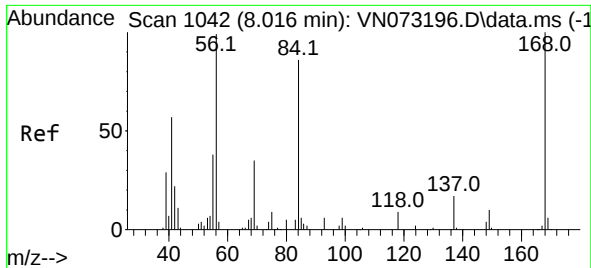
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

Quant Time: Jul 14 07:03:43 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 29 01:54:03 2022  
Response via : Initial Calibration

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

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

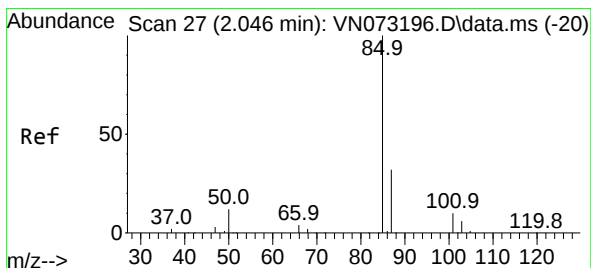
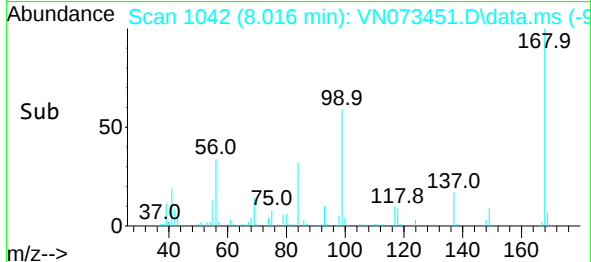
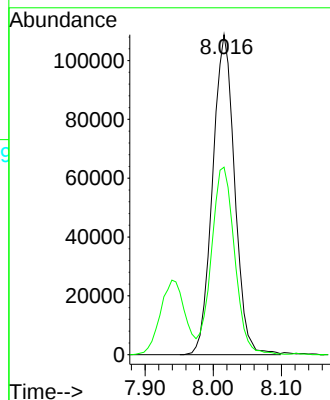
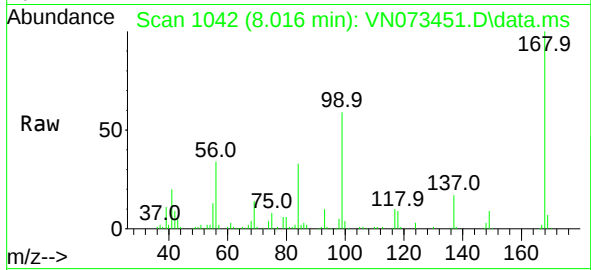




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

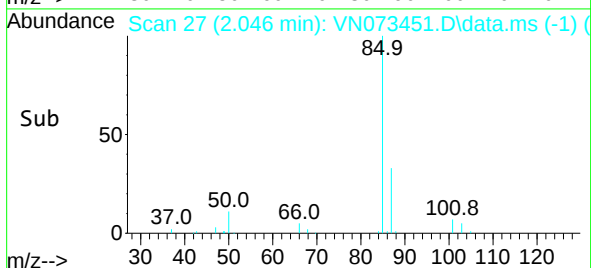
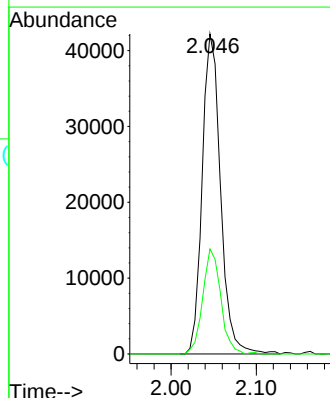
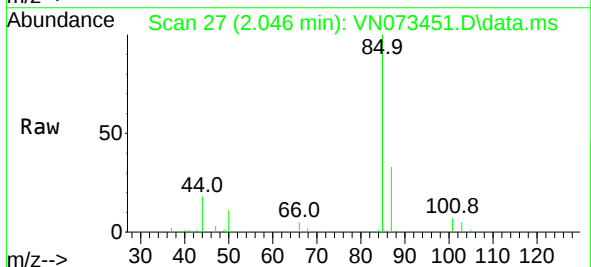
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

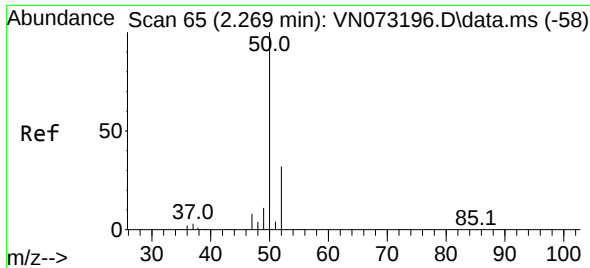
Tgt Ion:168 Resp: 244950  
Ion Ratio Lower Upper  
168 100  
99 58.3 42.3 63.5



#2  
Dichlorodifluoromethane  
Concen: 17.627 ug/l  
RT: 2.046 min Scan# 27  
Delta R.T. -0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion: 85 Resp: 63126  
Ion Ratio Lower Upper  
85 100  
87 32.8 15.7 47.1

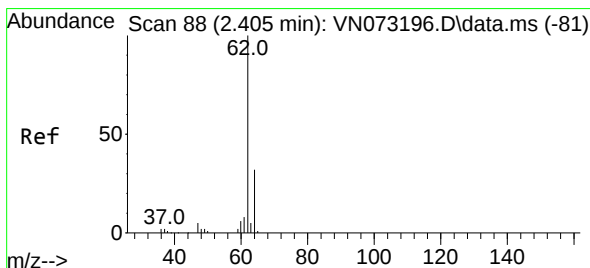
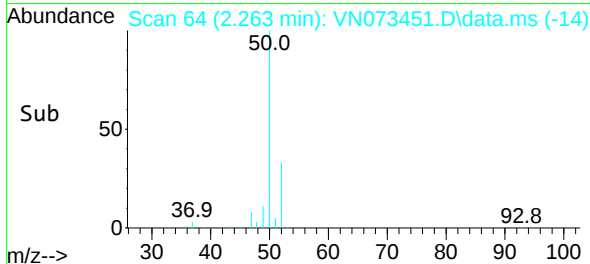
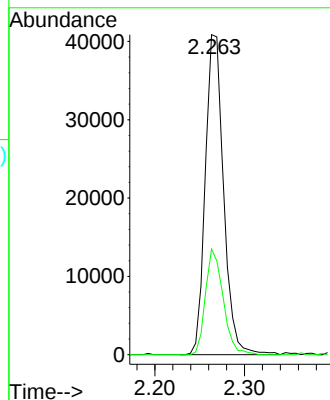
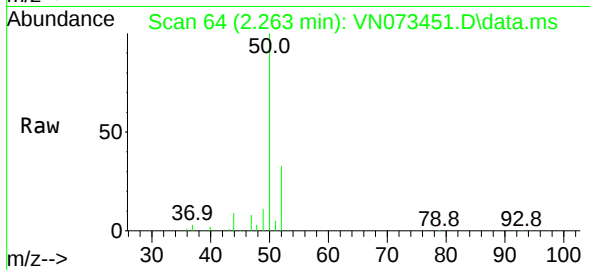




#3  
Chloromethane  
Concen: 16.653 ug/l  
RT: 2.263 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

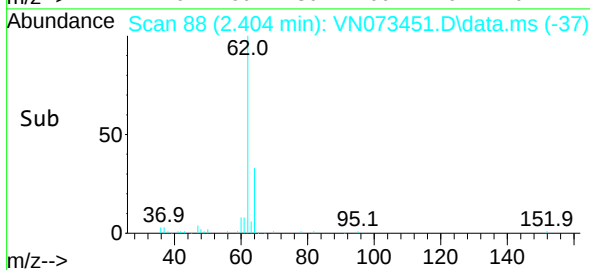
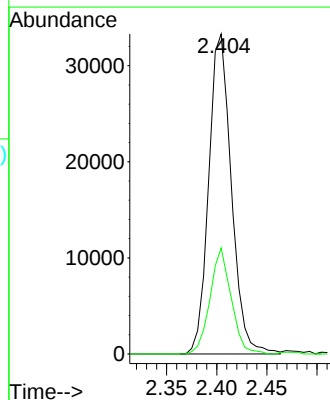
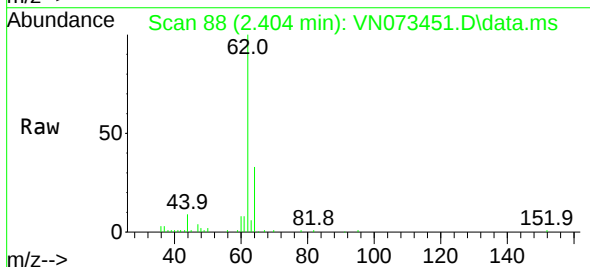
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

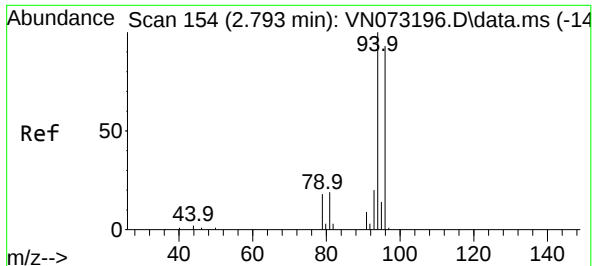
Tgt Ion: 50 Resp: 57900  
Ion Ratio Lower Upper  
50 100  
52 33.0 25.7 38.5



#4  
Vinyl Chloride  
Concen: 17.718 ug/l  
RT: 2.404 min Scan# 88  
Delta R.T. -0.001 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion: 62 Resp: 52341  
Ion Ratio Lower Upper  
62 100  
64 33.1 25.0 37.4

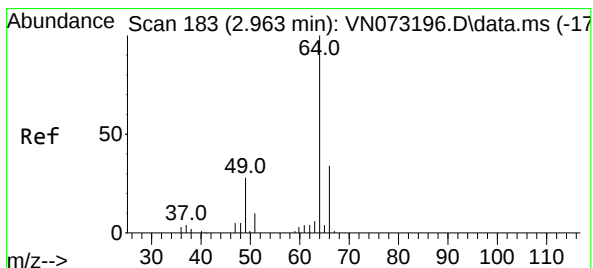
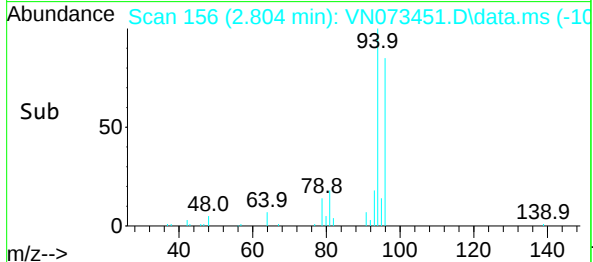
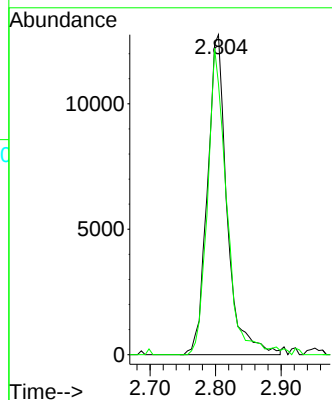
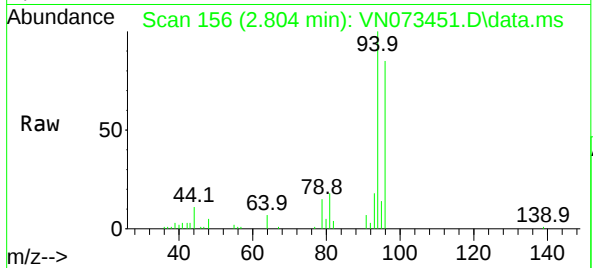




#5  
Bromomethane  
Concen: 19.070 ug/l  
RT: 2.804 min Scan# 11  
Delta R.T. 0.011 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

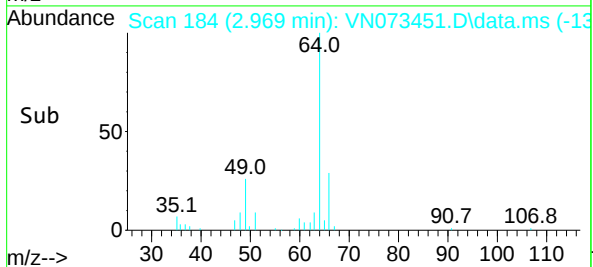
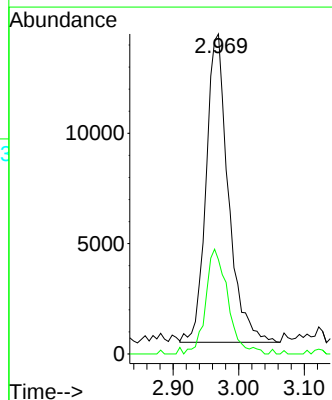
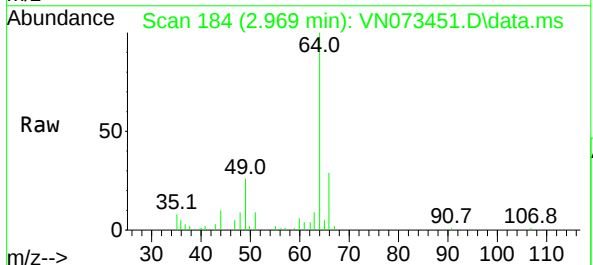
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

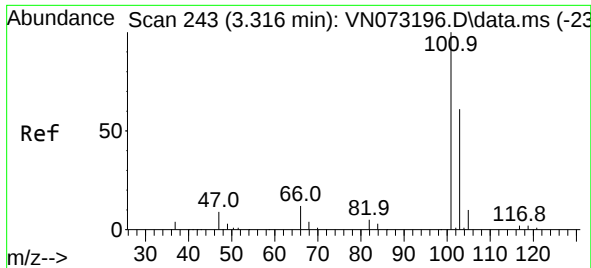
Tgt Ion: 94 Resp: 26609  
Ion Ratio Lower Upper  
94 100  
96 84.7 76.0 114.0



#6  
Chloroethane  
Concen: 18.970 ug/l  
RT: 2.969 min Scan# 184  
Delta R.T. 0.006 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion: 64 Resp: 32965  
Ion Ratio Lower Upper  
64 100  
66 30.6 26.2 39.4

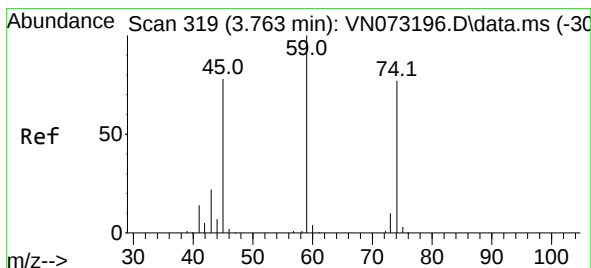
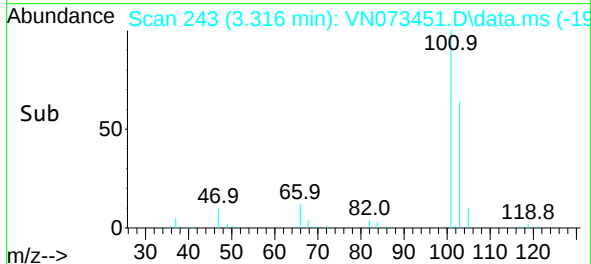
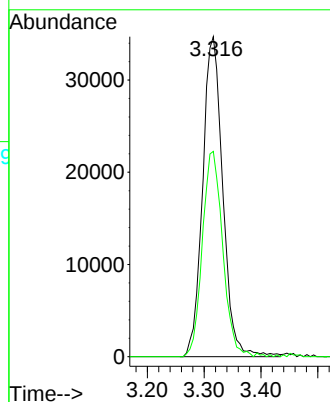
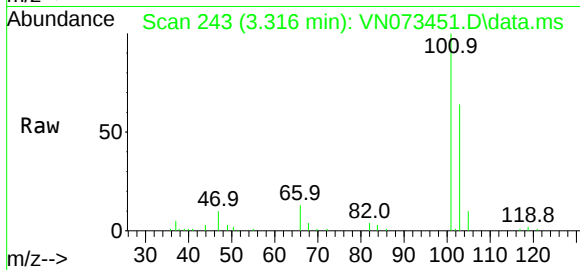




#7  
 Trichlorofluoromethane  
 Concen: 16.736 ug/l  
 RT: 3.316 min Scan# 243  
 Delta R.T. 0.000 min  
 Lab File: VN073451.D  
 Acq: 13 Jul 2022 15:58

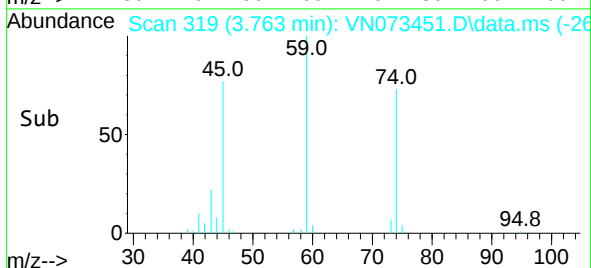
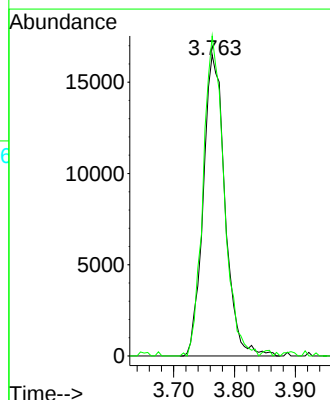
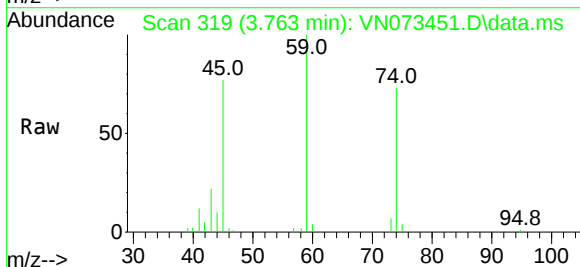
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0713WBS01

Tgt Ion:101 Resp: 85476  
 Ion Ratio Lower Upper  
 101 100  
 103 64.2 51.5 77.3



#8  
 Diethyl Ether  
 Concen: 19.728 ug/l  
 RT: 3.763 min Scan# 319  
 Delta R.T. 0.000 min  
 Lab File: VN073451.D  
 Acq: 13 Jul 2022 15:58

Tgt Ion: 74 Resp: 41016  
 Ion Ratio Lower Upper  
 74 100  
 45 102.2 42.9 128.5

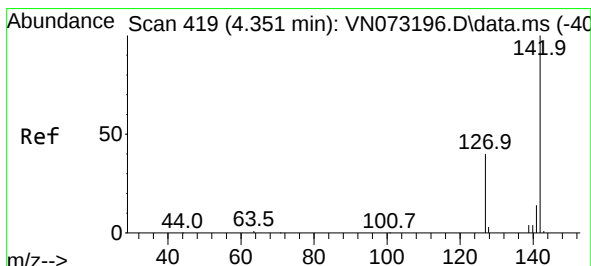
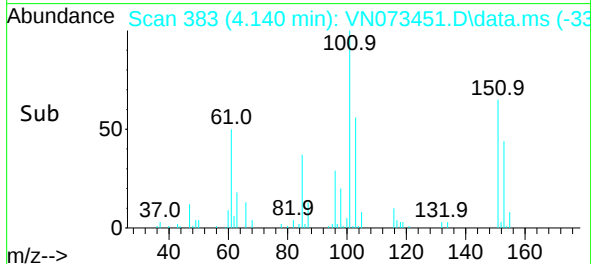
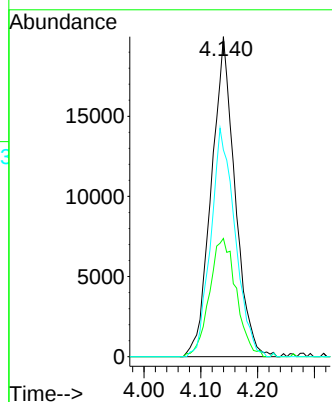
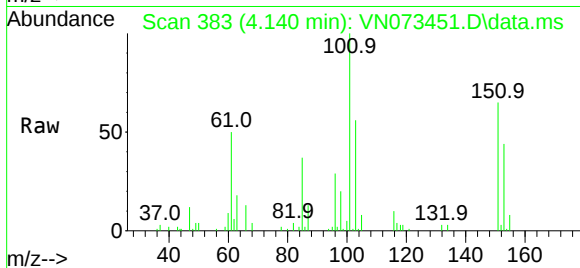




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.125 ug/l  
RT: 4.140 min Scan# 383  
Delta R.T. -0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

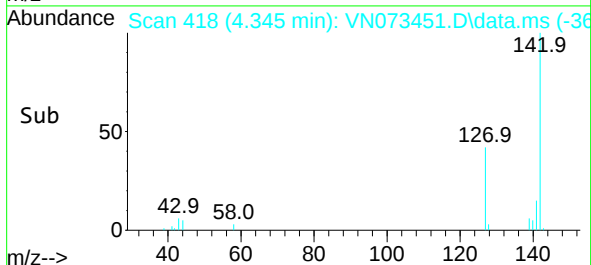
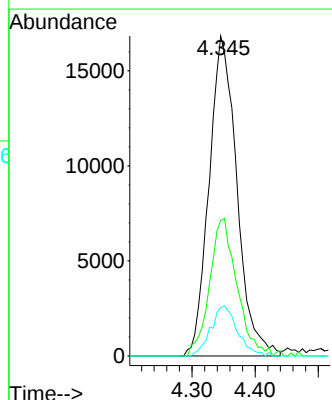
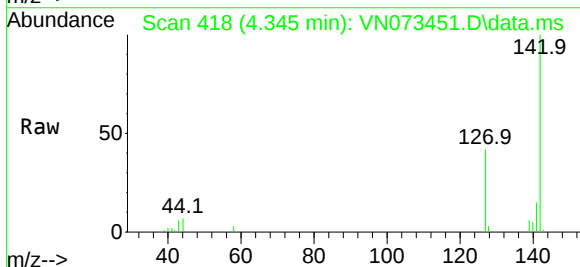
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

Tgt Ion:101 Resp: 57715  
Ion Ratio Lower Upper  
101 100  
85 41.7 34.7 52.1  
151 73.4 63.0 94.4



#10  
Methyl Iodide  
Concen: 15.518 ug/l  
RT: 4.345 min Scan# 418  
Delta R.T. -0.006 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion:142 Resp: 51523  
Ion Ratio Lower Upper  
142 100  
127 42.5 31.3 46.9  
141 15.0 11.2 16.8

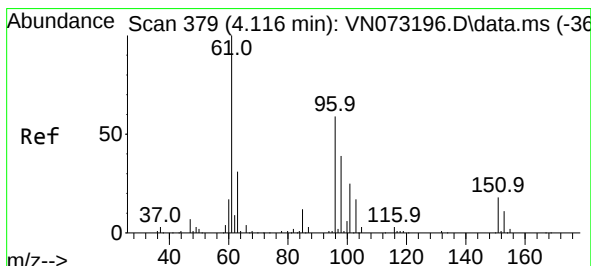
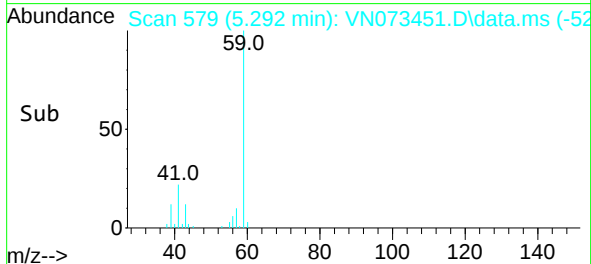
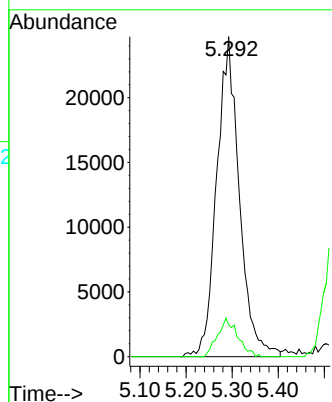
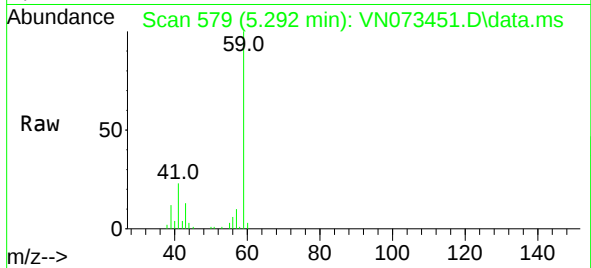




#11  
Tert butyl alcohol  
Concen: 98.162 ug/l  
RT: 5.292 min Scan# 51  
Delta R.T. 0.011 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

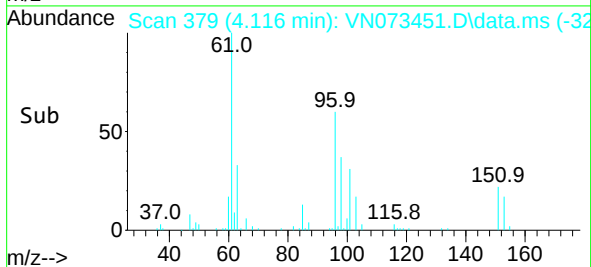
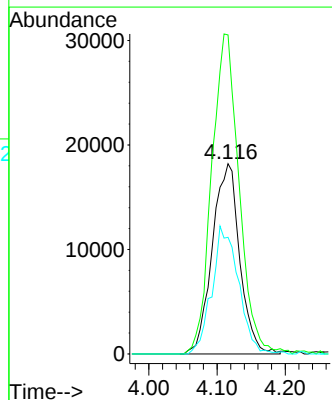
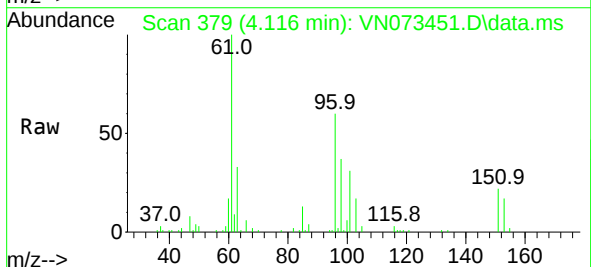
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

Tgt Ion: 59 Resp: 84086  
Ion Ratio Lower Upper  
59 100  
57 10.7 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 17.658 ug/l  
RT: 4.116 min Scan# 379  
Delta R.T. 0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion: 96 Resp: 50918  
Ion Ratio Lower Upper  
96 100  
61 167.7 127.6 191.4  
98 61.4 51.2 76.8





#13

Acrolein

Concen: 59.760 ug/l

RT: 3.987 min Scan# 3

Delta R.T. 0.006 min

Lab File: VN073451.D

Acq: 13 Jul 2022 15:58

Instrument :

MSVOA\_N

ClientSampleId :

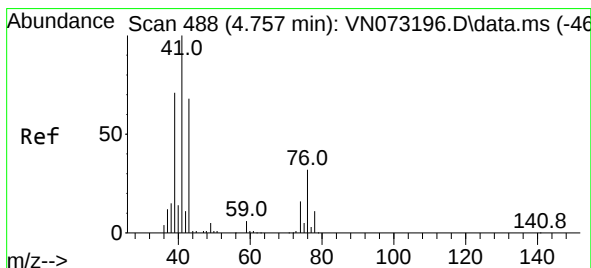
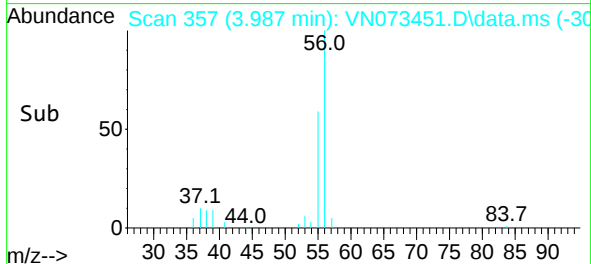
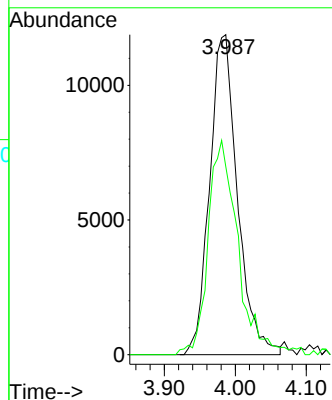
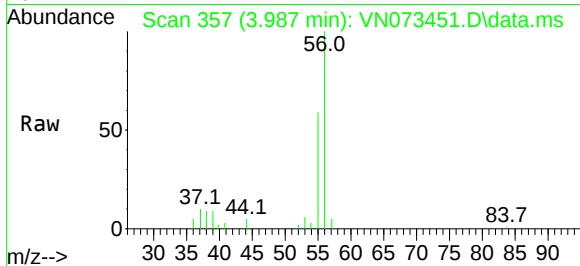
VN0713WBS01

Tgt Ion: 56 Resp: 32356

Ion Ratio Lower Upper

56 100

55 71.1 54.8 82.2



#14

Allyl chloride

Concen: 18.580 ug/l

RT: 4.763 min Scan# 489

Delta R.T. 0.006 min

Lab File: VN073451.D

Acq: 13 Jul 2022 15:58

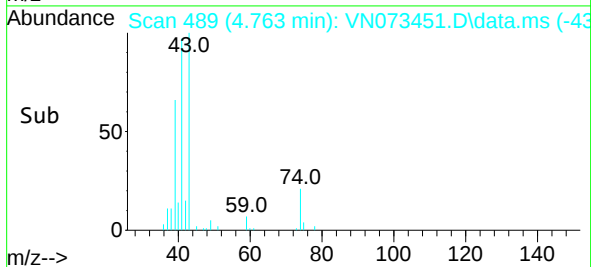
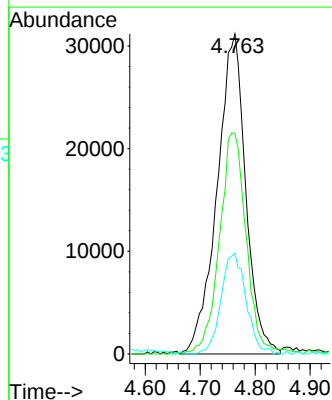
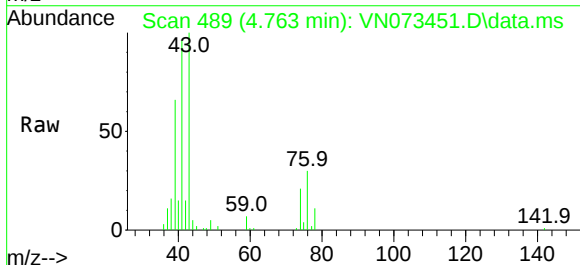
Tgt Ion: 41 Resp: 112866

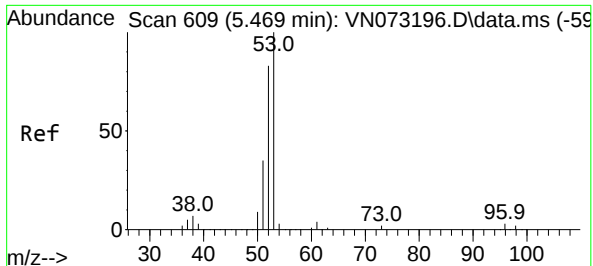
Ion Ratio Lower Upper

41 100

39 64.7 53.2 79.8

76 27.5 29.9 44.9#

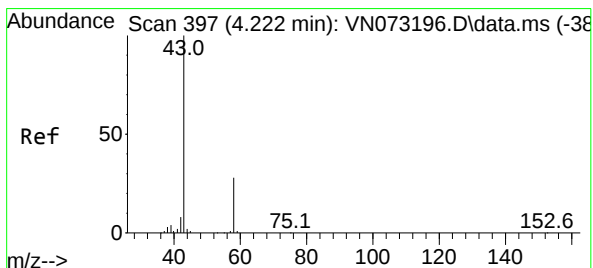
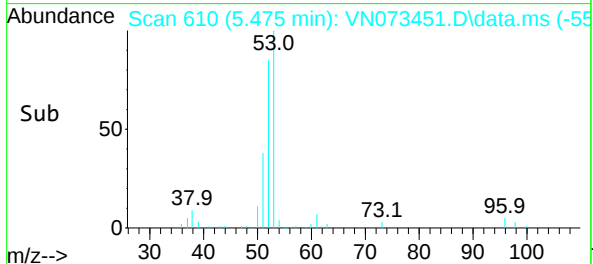
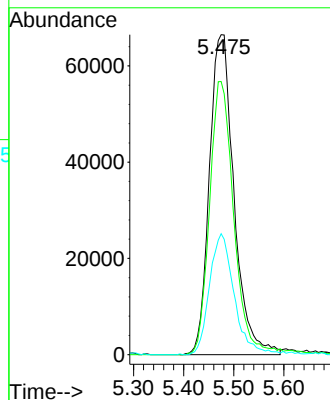
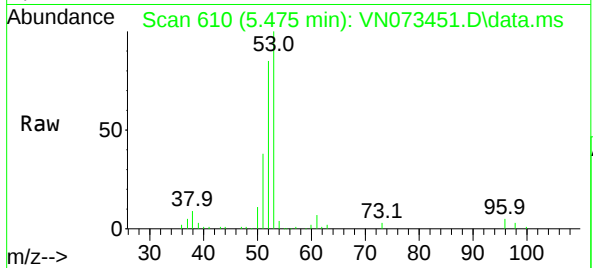




#15  
Acrylonitrile  
Concen: 103.058 ug/l  
RT: 5.475 min Scan# 610  
Delta R.T. 0.006 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

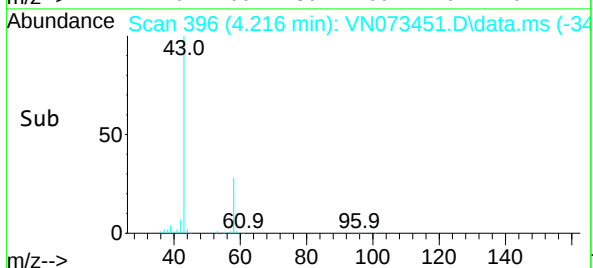
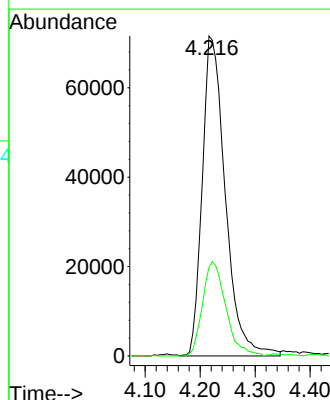
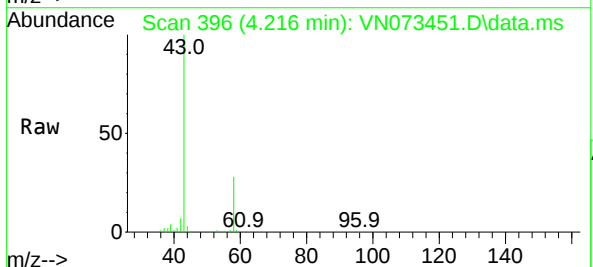
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

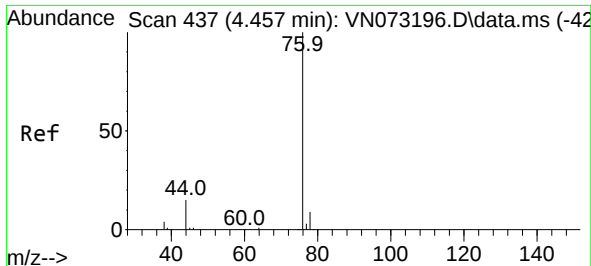
Tgt Ion: 53 Resp: 227256  
Ion Ratio Lower Upper  
53 100  
52 83.9 66.4 99.6  
51 37.8 28.5 42.7



#16  
Acetone  
Concen: 105.142 ug/l  
RT: 4.216 min Scan# 396  
Delta R.T. -0.006 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion: 43 Resp: 208695  
Ion Ratio Lower Upper  
43 100  
58 27.4 26.0 39.0





#17

Carbon Disulfide

Concen: 14.583 ug/l

RT: 4.457 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN073451.D

Acq: 13 Jul 2022 15:58

Instrument :

MSVOA\_N

ClientSampleId :

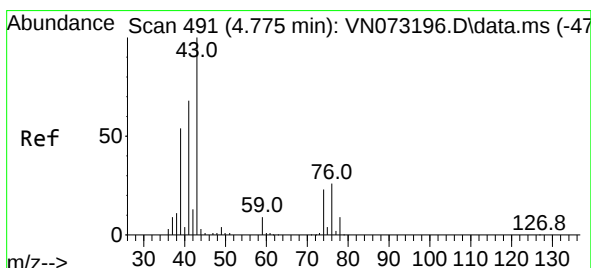
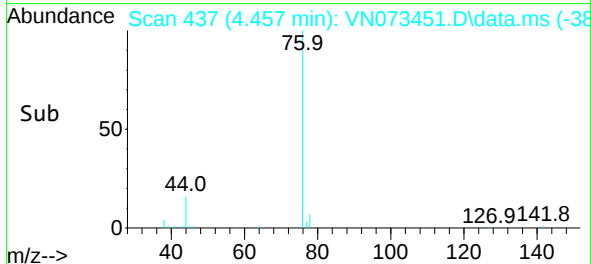
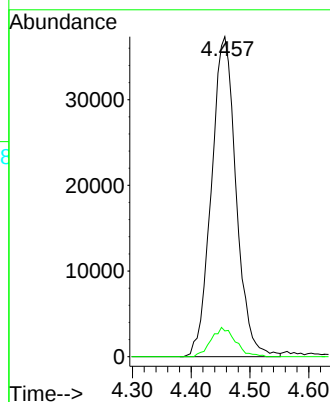
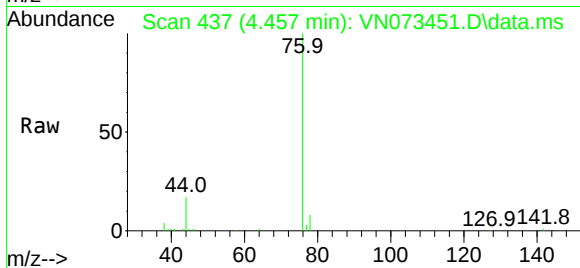
VN0713WBS01

Tgt Ion: 76 Resp: 109037

Ion Ratio Lower Upper

76 100

78 8.0 7.2 10.8



#18

Methyl Acetate

Concen: 22.374 ug/l

RT: 4.775 min Scan# 491

Delta R.T. -0.000 min

Lab File: VN073451.D

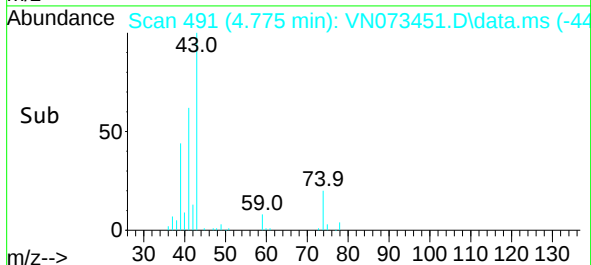
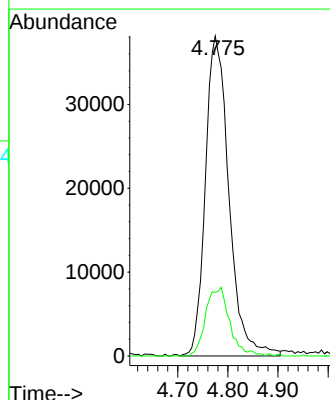
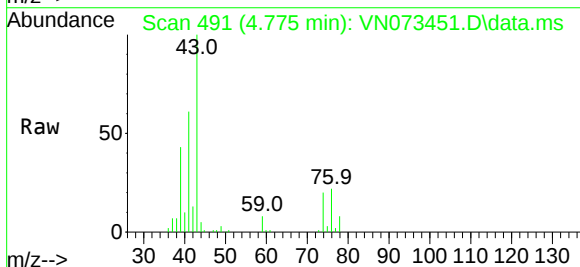
Acq: 13 Jul 2022 15:58

Tgt Ion: 43 Resp: 124453

Ion Ratio Lower Upper

43 100

74 21.6 21.6 32.4

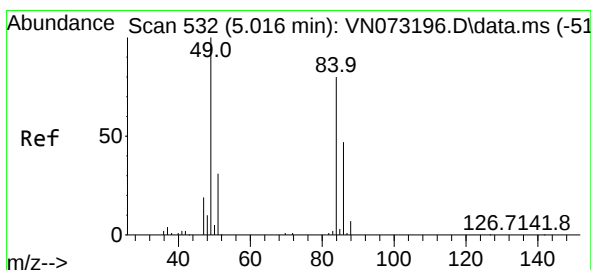
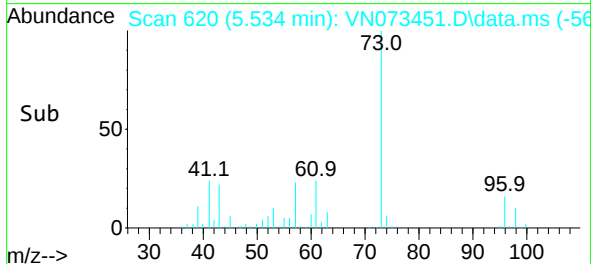
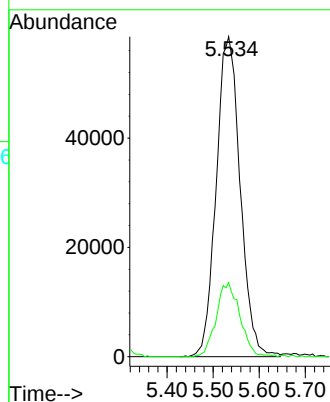
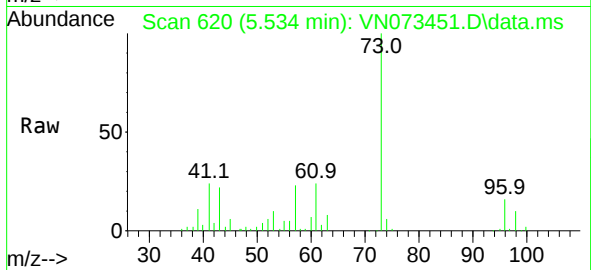




#19  
Methyl tert-butyl Ether  
Concen: 20.086 ug/l  
RT: 5.534 min Scan# 619  
Delta R.T. 0.006 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

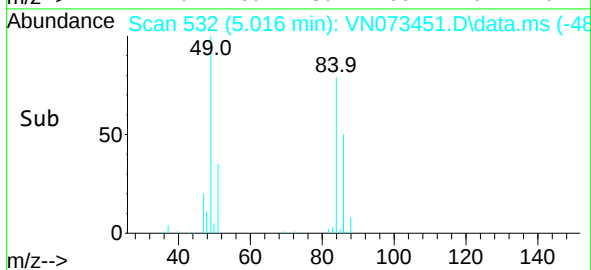
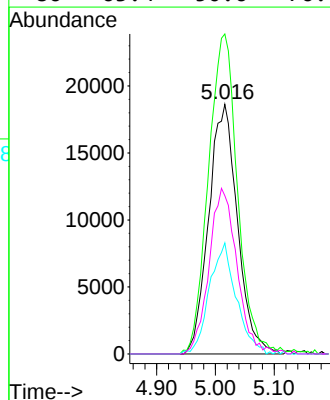
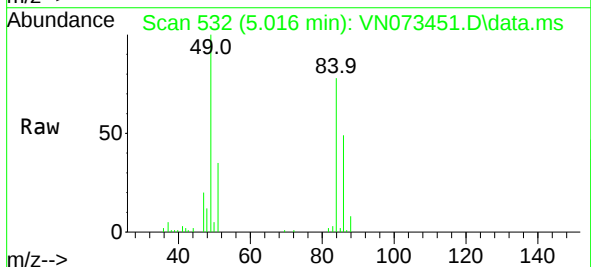
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

Tgt Ion: 73 Resp: 211096  
Ion Ratio Lower Upper  
73 100  
57 23.2 17.6 26.4



#20  
Methylene Chloride  
Concen: 18.127 ug/l  
RT: 5.016 min Scan# 532  
Delta R.T. 0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion: 84 Resp: 63230  
Ion Ratio Lower Upper  
84 100  
49 128.2 88.3 132.5  
51 44.5 28.2 42.2#  
86 63.4 50.6 76.0

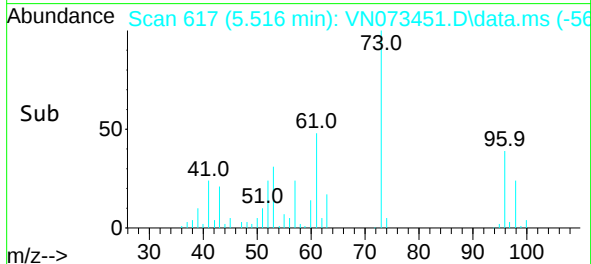
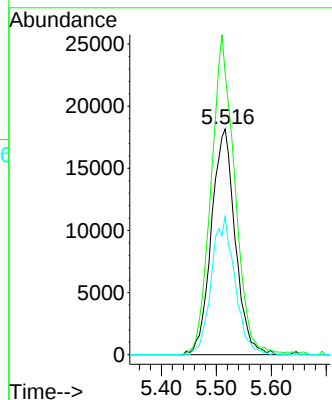
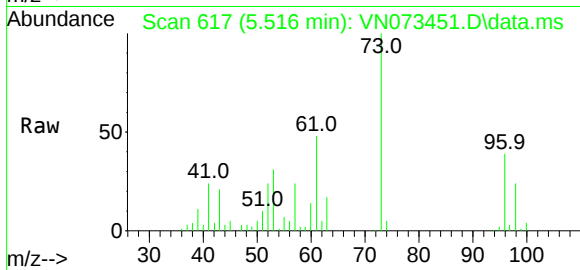




#21  
trans-1,2-Dichloroethene  
Concen: 18.144 ug/l  
RT: 5.516 min Scan# 616  
Delta R.T. 0.006 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

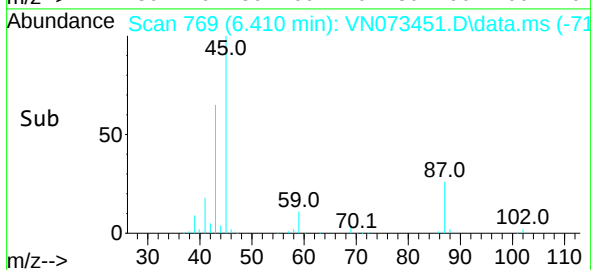
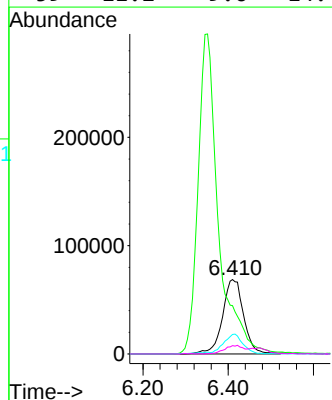
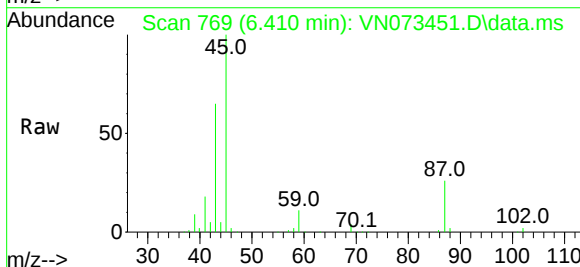
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

Tgt Ion: 96 Resp: 54667  
Ion Ratio Lower Upper  
96 100  
61 124.6 105.8 158.8  
98 61.3 50.3 75.5



#22  
Diisopropyl ether  
Concen: 20.867 ug/l  
RT: 6.410 min Scan# 769  
Delta R.T. 0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion: 45 Resp: 236530  
Ion Ratio Lower Upper  
45 100  
43 63.7 46.6 70.0  
87 26.0 24.3 36.5  
59 11.2 9.6 14.4

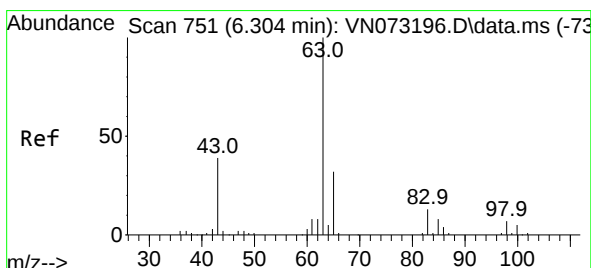
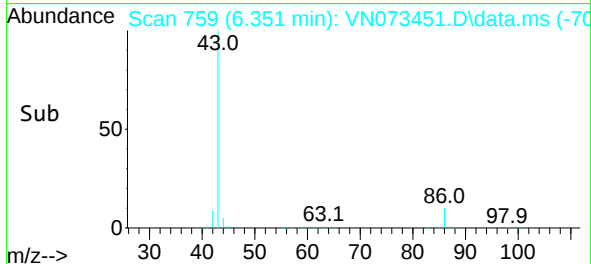
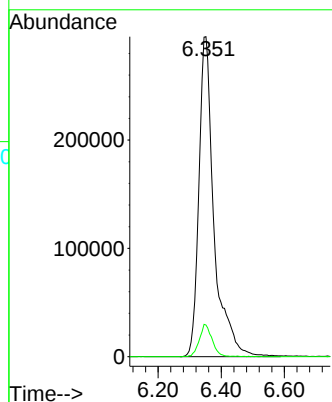
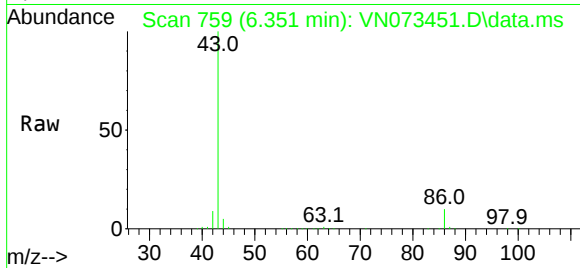




#23  
 Vinyl Acetate  
 Concen: 96.962 ug/l  
 RT: 6.351 min Scan# 759  
 Delta R.T. 0.000 min  
 Lab File: VN073451.D  
 Acq: 13 Jul 2022 15:58

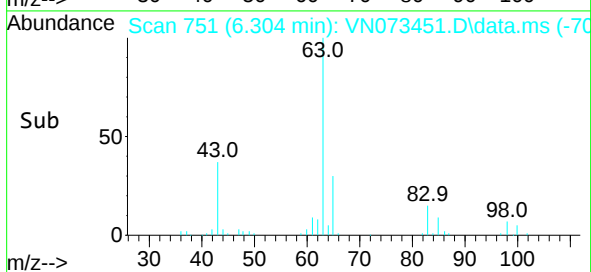
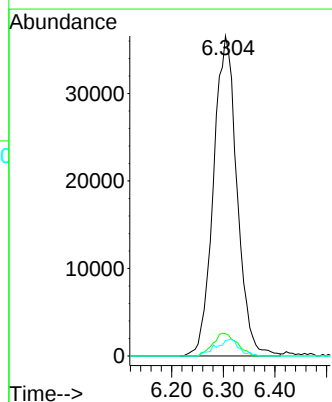
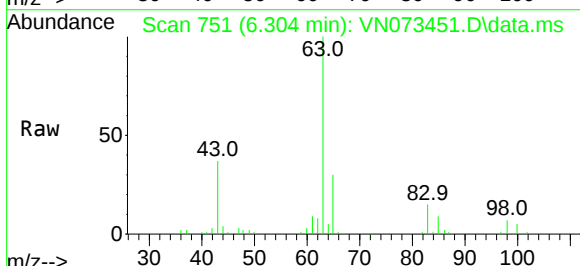
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0713WBS01

Tgt Ion: 43 Resp: 984051  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 10.0 15.0#



#24  
 1,1-Dichloroethane  
 Concen: 19.760 ug/l  
 RT: 6.304 min Scan# 751  
 Delta R.T. 0.000 min  
 Lab File: VN073451.D  
 Acq: 13 Jul 2022 15:58

Tgt Ion: 63 Resp: 115908  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.5 10.4  
 100 4.8 2.3 6.8

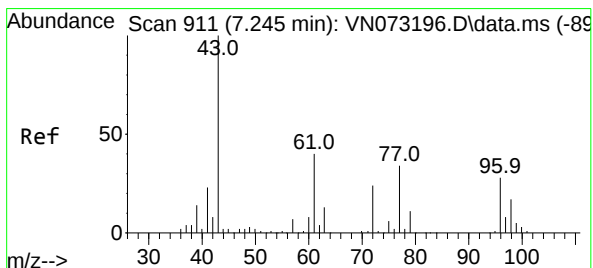
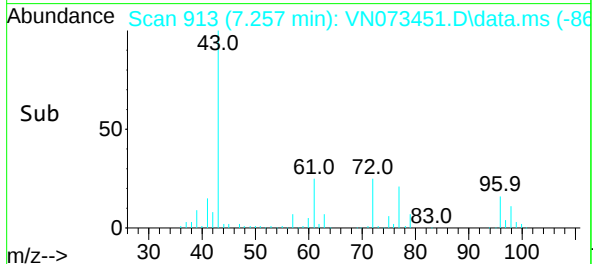
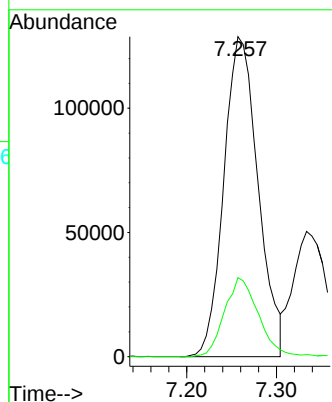
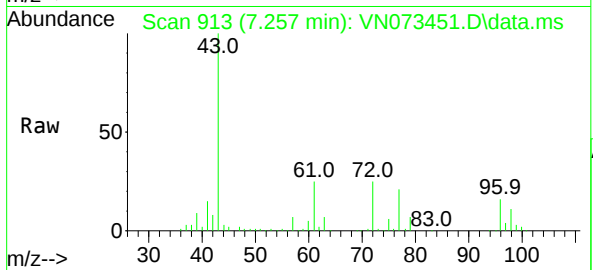




#25  
2-Butanone  
Concen: 108.126 ug/l  
RT: 7.257 min Scan# 913  
Delta R.T. 0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

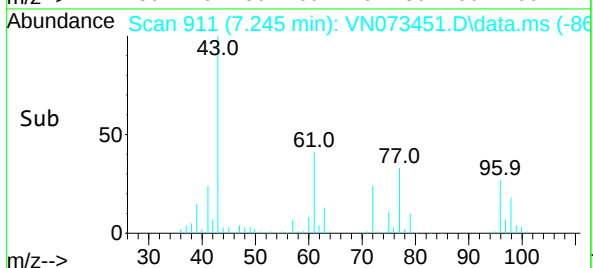
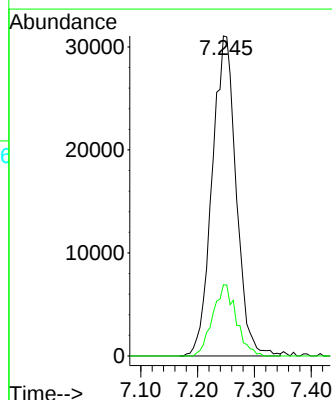
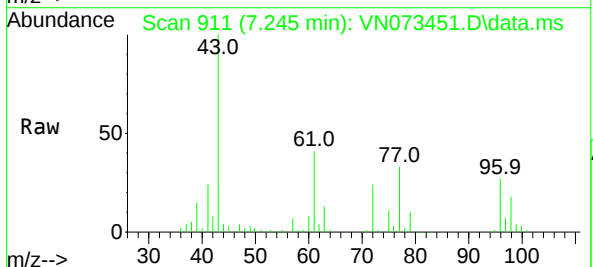
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

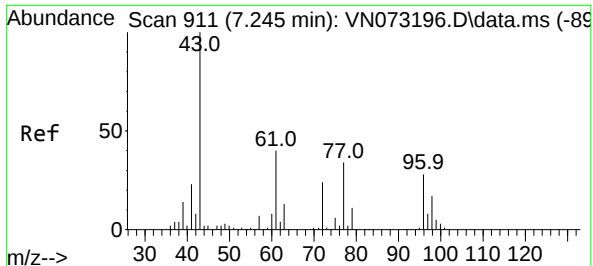
Tgt Ion: 43 Resp: 341695  
Ion Ratio Lower Upper  
43 100  
72 24.7 23.7 35.5



#26  
2,2-Dichloropropane  
Concen: 16.844 ug/l  
RT: 7.245 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion: 77 Resp: 91384  
Ion Ratio Lower Upper  
77 100  
97 21.7 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 19.007 ug/l

RT: 7.251 min Scan# 911

Delta R.T. 0.006 min

Lab File: VN073451.D

Acq: 13 Jul 2022 15:58

Instrument :

MSVOA\_N

ClientSampleId :

VN0713WBS01

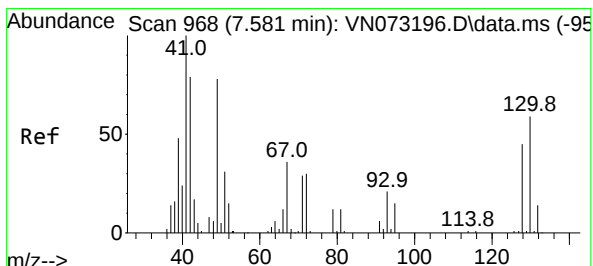
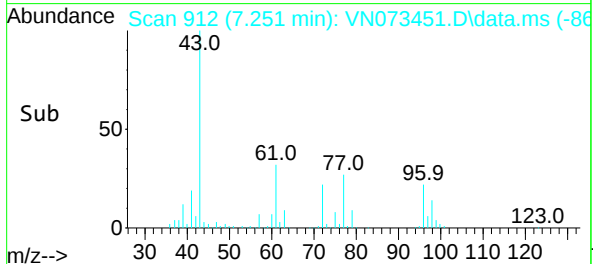
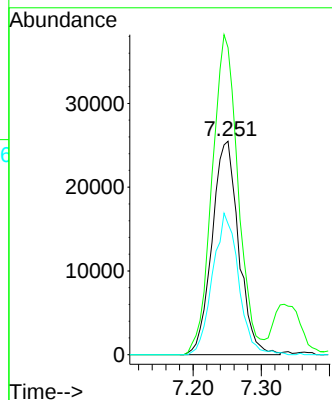
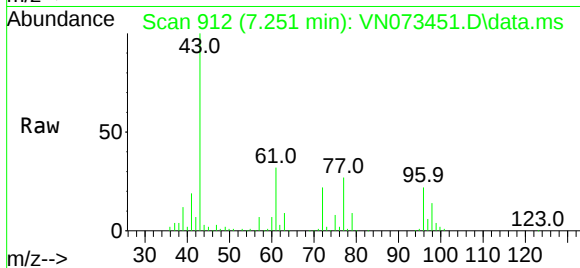
Tgt Ion: 96 Resp: 69349

Ion Ratio Lower Upper

96 100

61 146.8 0.0 280.6

98 64.6 0.0 128.4



#28

Bromochloromethane

Concen: 22.083 ug/l

RT: 7.581 min Scan# 968

Delta R.T. -0.000 min

Lab File: VN073451.D

Acq: 13 Jul 2022 15:58

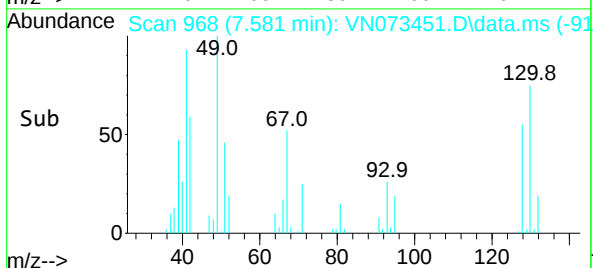
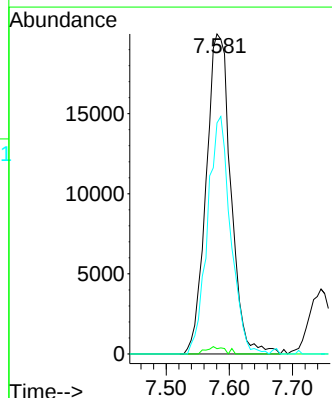
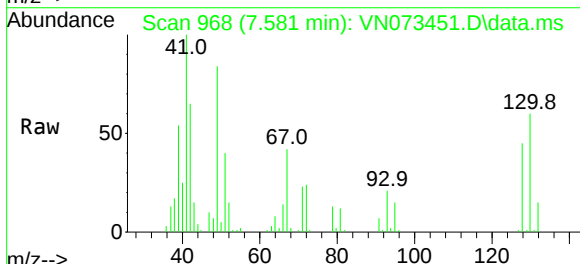
Tgt Ion: 49 Resp: 54251

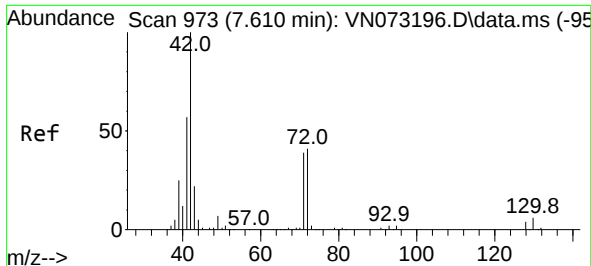
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.6

130 69.6 69.7 104.5#





#29

Tetrahydrofuran

Concen: 106.397 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073451.D

Acq: 13 Jul 2022 15:58

Instrument :

MSVOA\_N

ClientSampleId :

VN0713WBS01

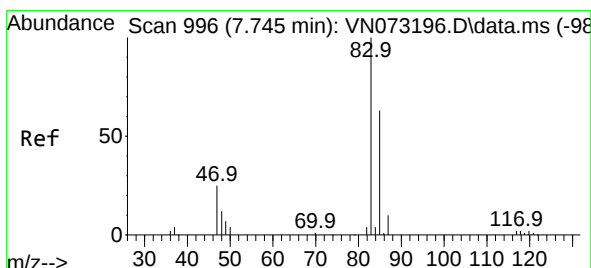
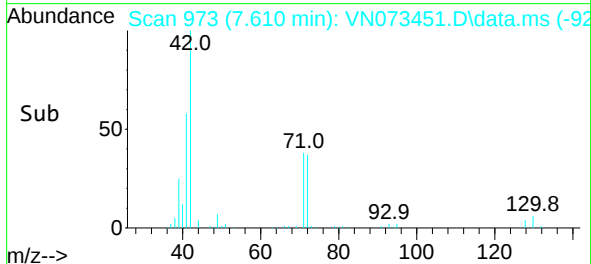
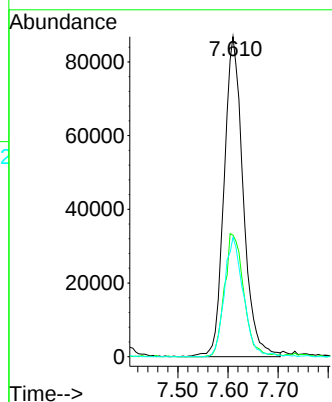
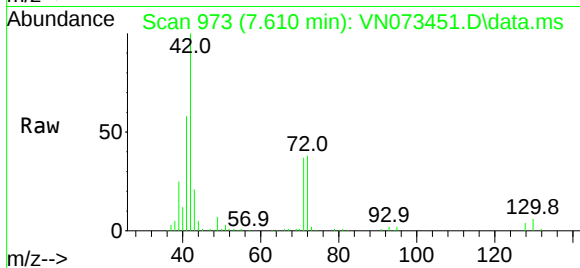
Tgt Ion: 42 Resp: 230224

Ion Ratio Lower Upper

42 100

72 39.0 39.7 59.5#

71 37.2 36.6 55.0



#30

Chloroform

Concen: 19.469 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073451.D

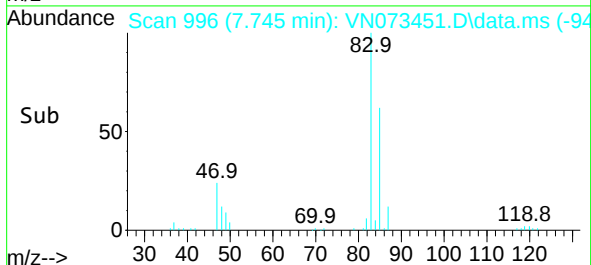
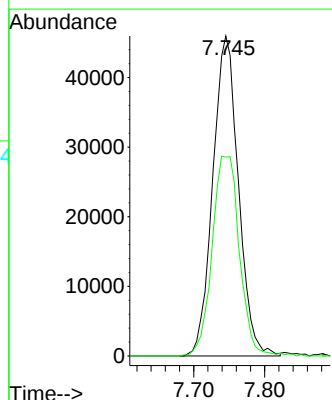
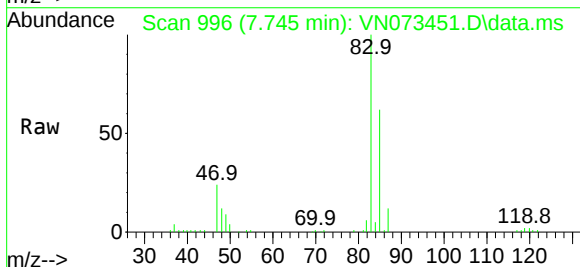
Acq: 13 Jul 2022 15:58

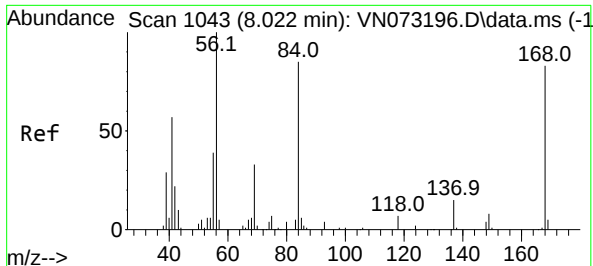
Tgt Ion: 83 Resp: 115024

Ion Ratio Lower Upper

83 100

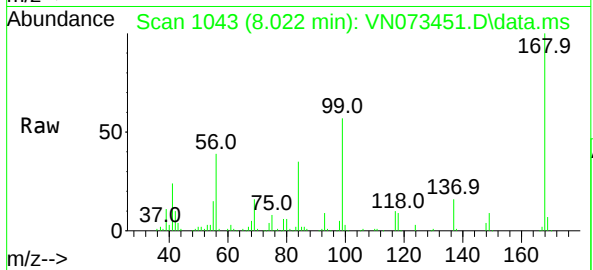
85 62.2 51.8 77.8



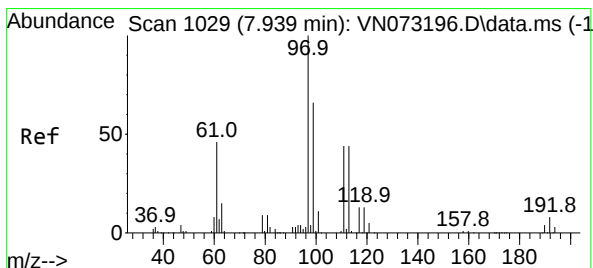
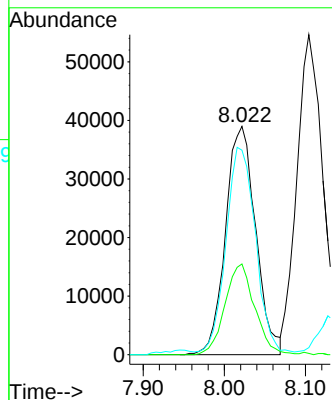
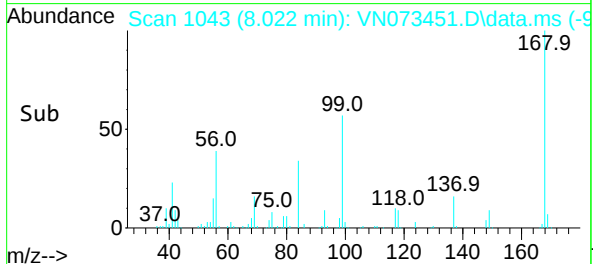


#31  
Cyclohexane  
Concen: 17.379 ug/l  
RT: 8.022 min Scan# 1043  
Delta R.T. -0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

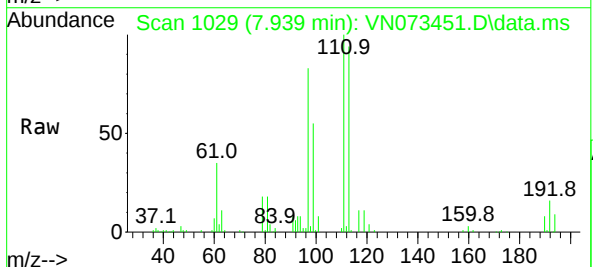
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01



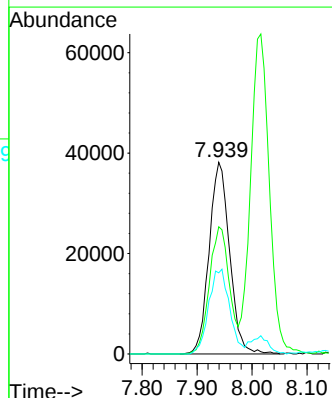
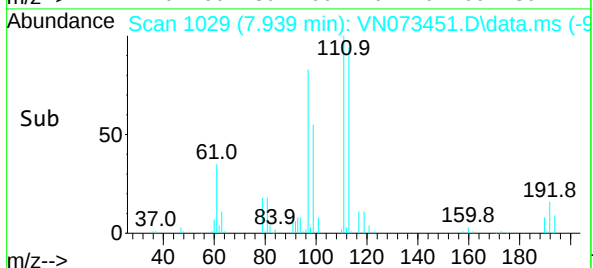
Tgt Ion: 56 Resp: 100646  
Ion Ratio Lower Upper  
56 100  
69 39.8 27.8 41.8  
84 87.7 76.9 115.3

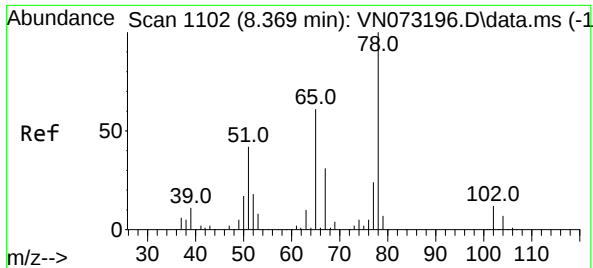


#32  
1,1,1-Trichloroethane  
Concen: 18.770 ug/l  
RT: 7.939 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58



Tgt Ion: 97 Resp: 98825  
Ion Ratio Lower Upper  
97 100  
99 65.0 50.6 76.0  
61 45.1 36.0 54.0

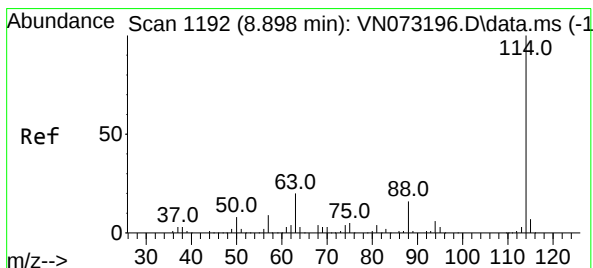
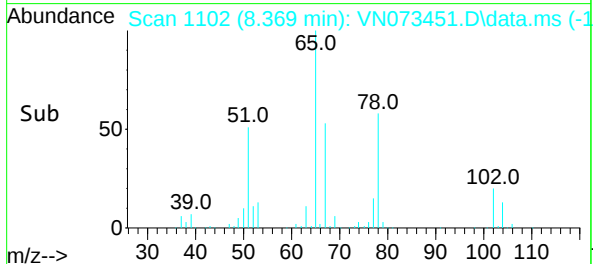
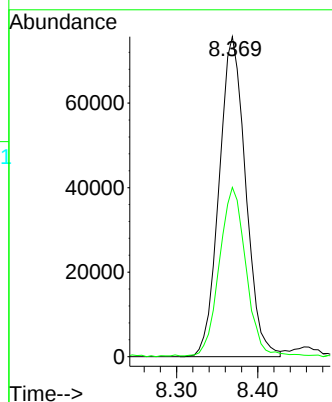
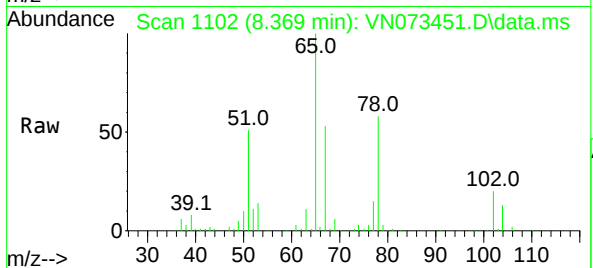




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.651 ug/l  
 RT: 8.369 min Scan# 1102  
 Delta R.T. -0.000 min  
 Lab File: VN073451.D  
 Acq: 13 Jul 2022 15:58

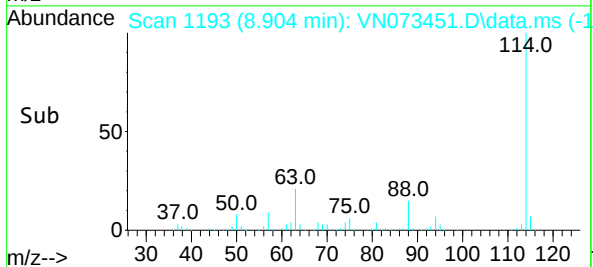
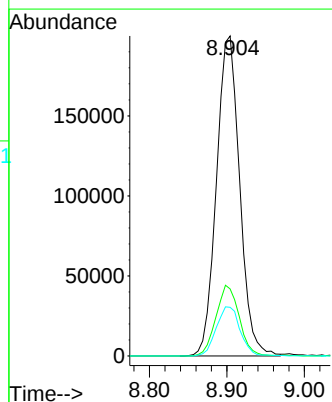
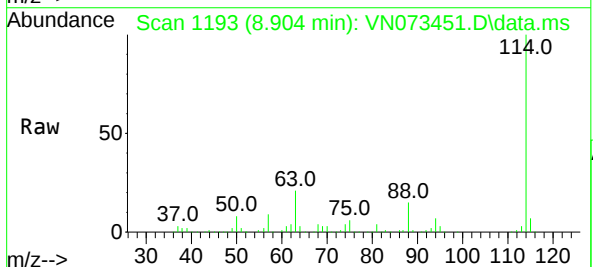
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0713WBS01

Tgt Ion: 65 Resp: 172035  
 Ion Ratio Lower Upper  
 65 100  
 67 53.6 0.0 104.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.904 min Scan# 1193  
 Delta R.T. 0.006 min  
 Lab File: VN073451.D  
 Acq: 13 Jul 2022 15:58

Tgt Ion: 114 Resp: 416285  
 Ion Ratio Lower Upper  
 114 100  
 63 21.0 0.0 40.0  
 88 15.2 0.0 32.6

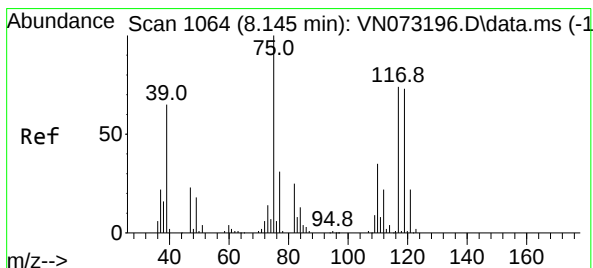
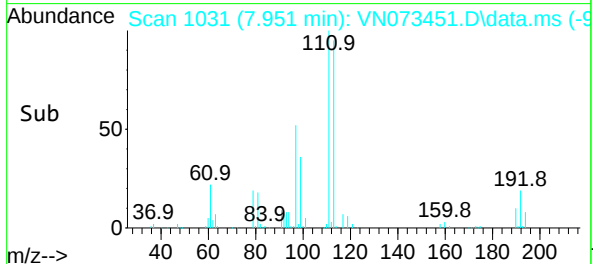
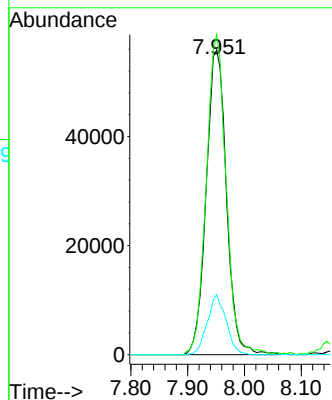
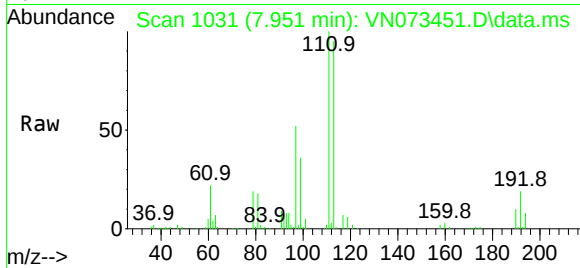




#35  
Dibromofluoromethane  
Concen: 49.860 ug/l  
RT: 7.951 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

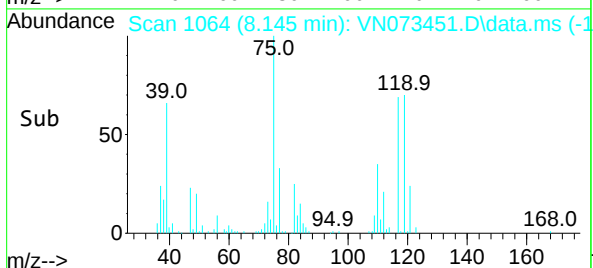
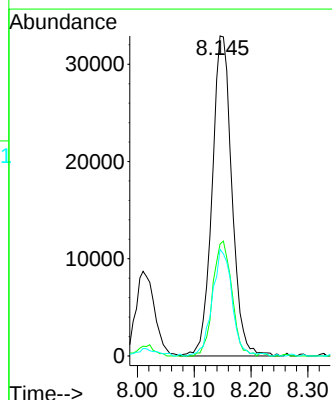
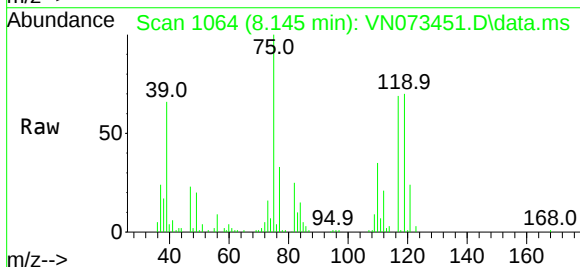
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

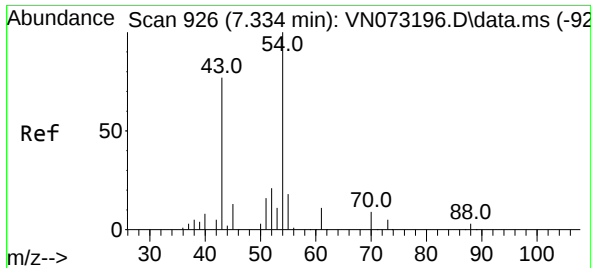
Tgt Ion:113 Resp: 138093  
Ion Ratio Lower Upper  
113 100  
111 103.0 81.4 122.0  
192 18.3 17.0 25.6



#36  
1,1-Dichloropropene  
Concen: 18.724 ug/l  
RT: 8.145 min Scan# 1064  
Delta R.T. 0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion: 75 Resp: 79793  
Ion Ratio Lower Upper  
75 100  
110 34.6 18.3 54.8  
77 33.0 25.1 37.7

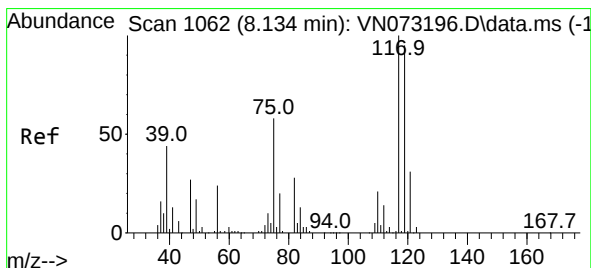
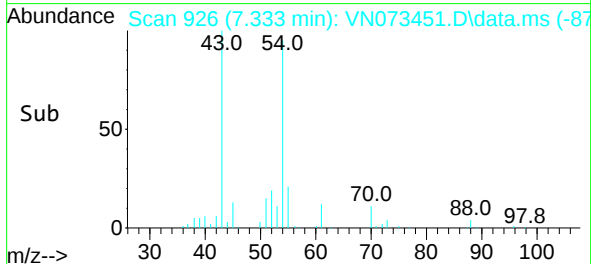
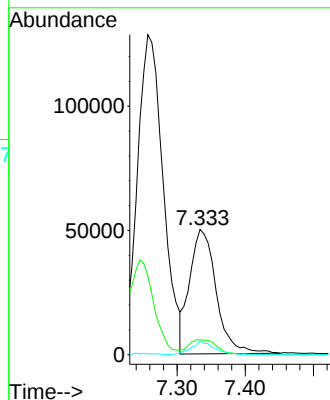
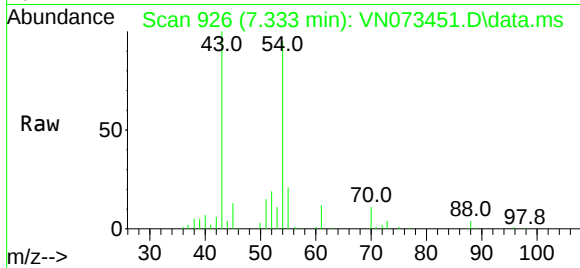




#37  
Ethyl Acetate  
Concen: 21.036 ug/l  
RT: 7.333 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

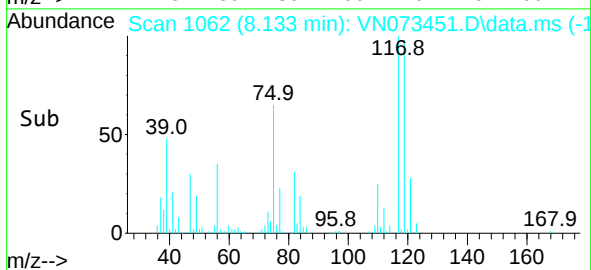
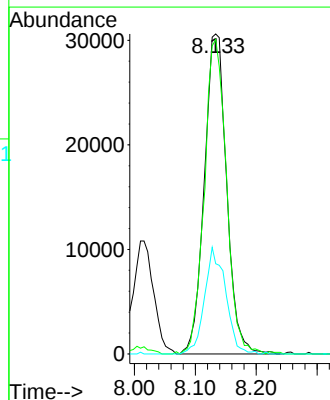
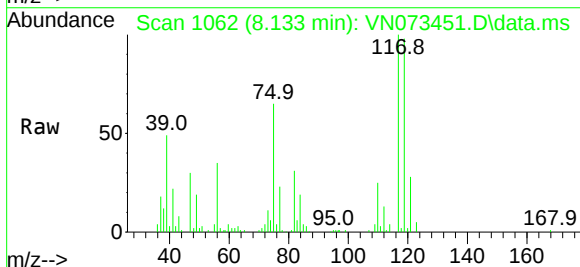
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

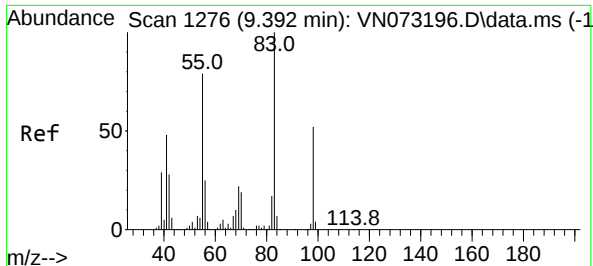
Tgt Ion: 43 Resp: 135454  
Ion Ratio Lower Upper  
43 100  
61 13.1 11.8 17.6  
70 9.3 9.3 13.9#



#38  
Carbon Tetrachloride  
Concen: 17.727 ug/l  
RT: 8.133 min Scan# 1062  
Delta R.T. -0.001 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion: 117 Resp: 78124  
Ion Ratio Lower Upper  
117 100  
119 98.3 75.8 113.8  
121 28.2 24.6 37.0

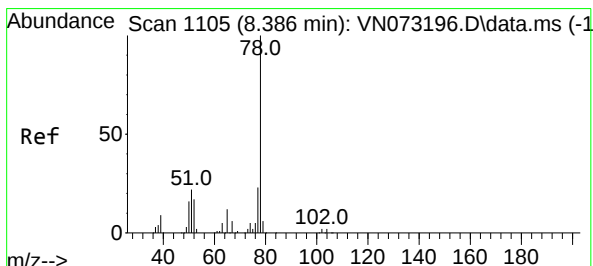
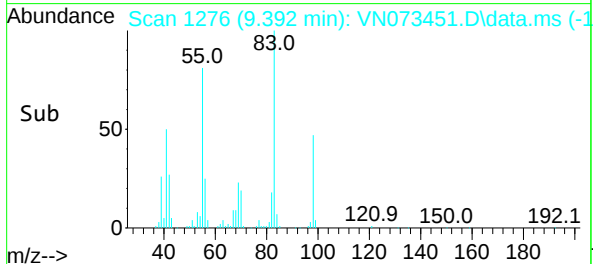
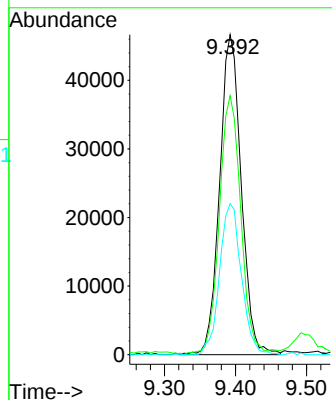
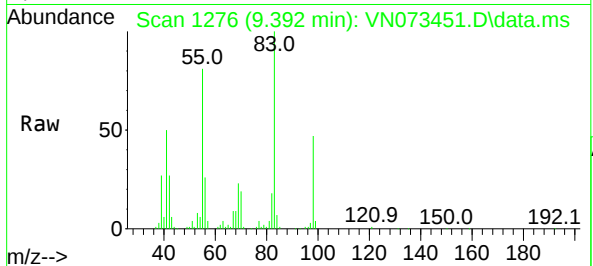




#39  
Methylcyclohexane  
Concen: 18.571 ug/l  
RT: 9.392 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

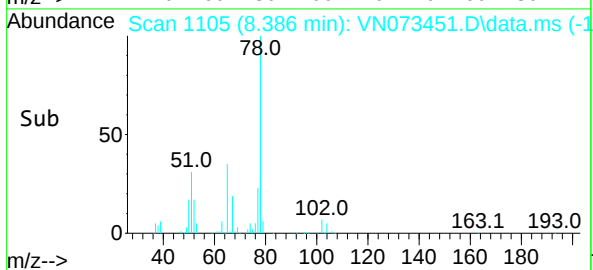
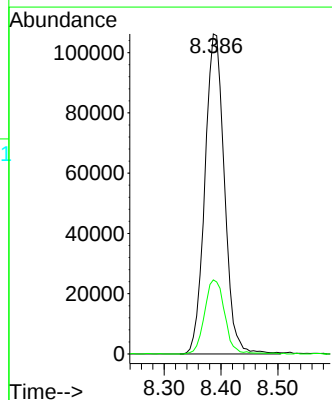
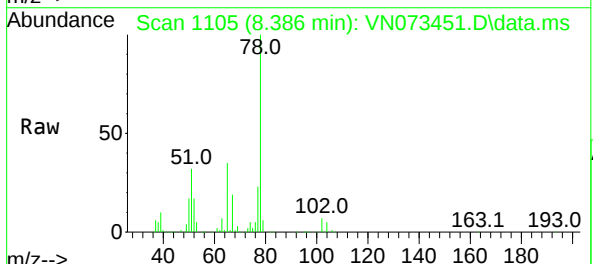
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

Tgt Ion: 83 Resp: 98530  
Ion Ratio Lower Upper  
83 100  
55 80.5 57.8 86.8  
98 47.2 39.4 59.2



#40  
Benzene  
Concen: 19.218 ug/l  
RT: 8.386 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion: 78 Resp: 252749  
Ion Ratio Lower Upper  
78 100  
77 23.1 19.4 29.0

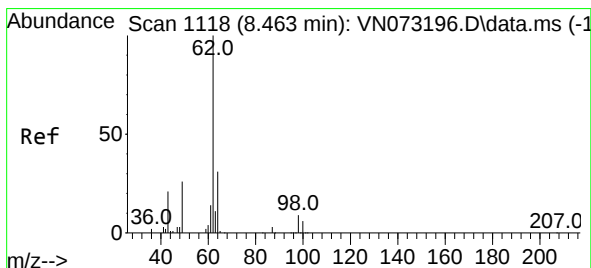
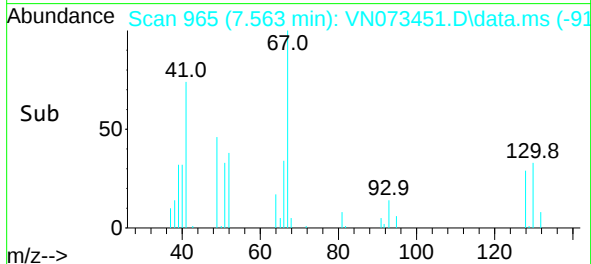
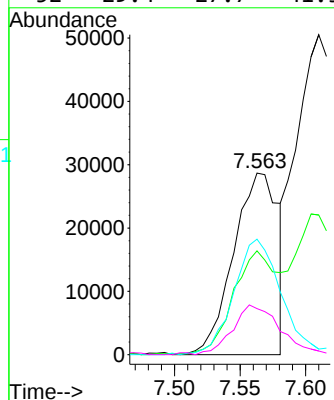
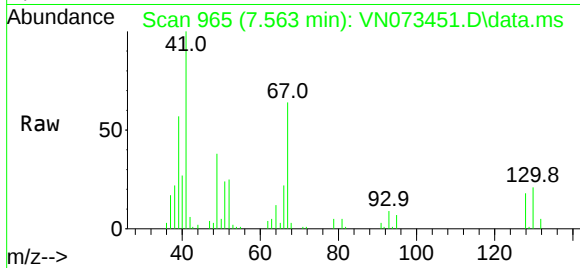




#41  
Methacrylonitrile  
Concen: 21.744 ug/l  
RT: 7.563 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

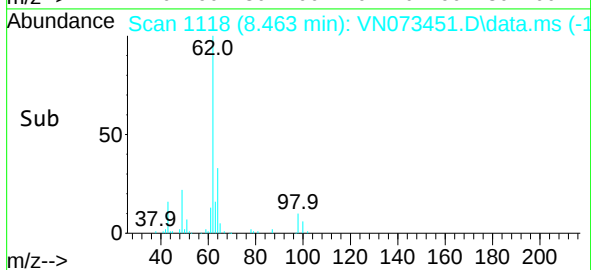
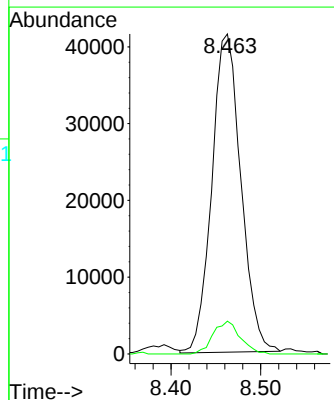
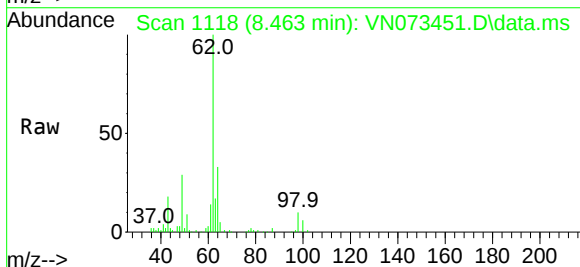
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

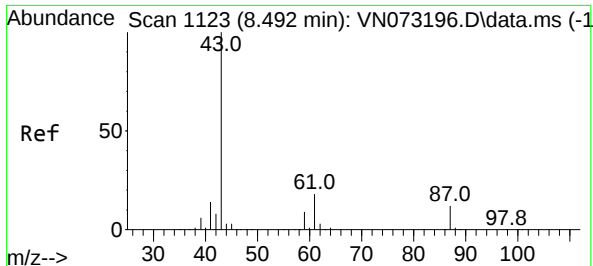
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 67905  |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 54.6  | 48.6  | 73.0   |
| 67       | 69.2  | 73.4  | 110.2# |
| 52       | 29.4  | 27.7  | 41.5   |



#42  
1,2-Dichloroethane  
Concen: 19.555 ug/l  
RT: 8.463 min Scan# 1118  
Delta R.T. -0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 93228 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.6   | 0.0   | 19.4  |

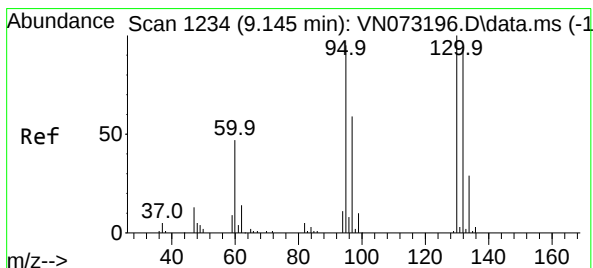
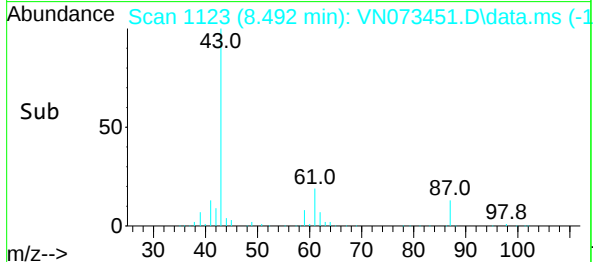
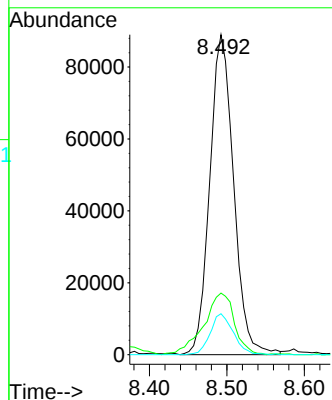
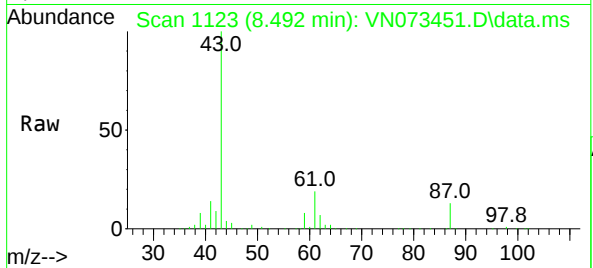




#43  
Isopropyl Acetate  
Concen: 20.627 ug/l  
RT: 8.492 min Scan# 1123  
Delta R.T. 0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

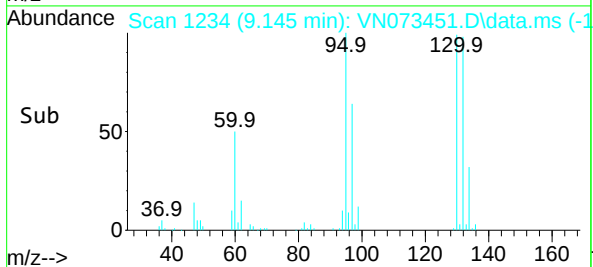
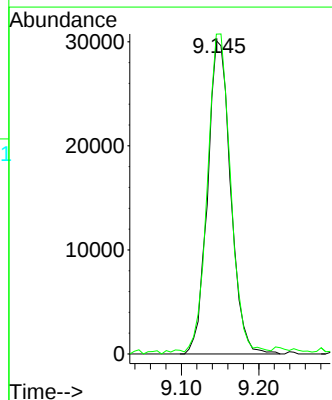
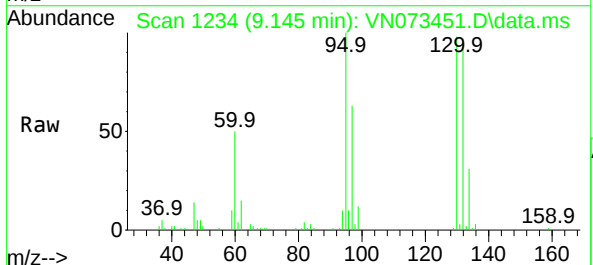
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

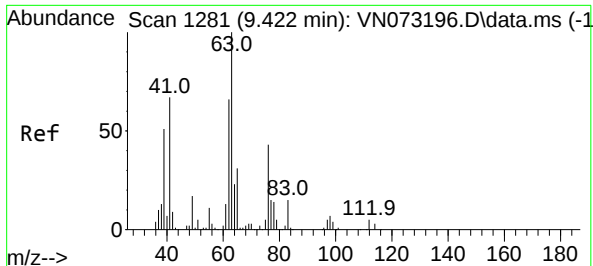
Tgt Ion: 43 Resp: 190888  
Ion Ratio Lower Upper  
43 100  
61 24.8 21.9 32.9  
87 12.4 12.0 18.0



#44  
Trichloroethene  
Concen: 18.600 ug/l  
RT: 9.145 min Scan# 1234  
Delta R.T. 0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion: 130 Resp: 62251  
Ion Ratio Lower Upper  
130 100  
95 100.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 20.251 ug/l

RT: 9.427 min Scan# 1281

Delta R.T. 0.005 min

Lab File: VN073451.D

Acq: 13 Jul 2022 15:58

Instrument :

MSVOA\_N

ClientSampleId :

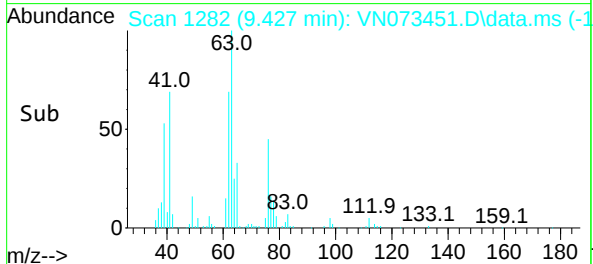
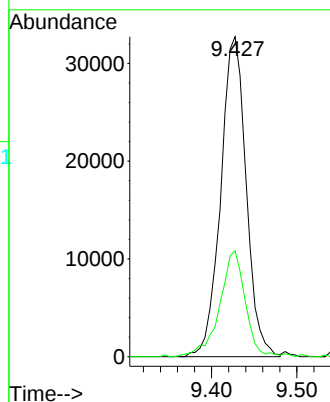
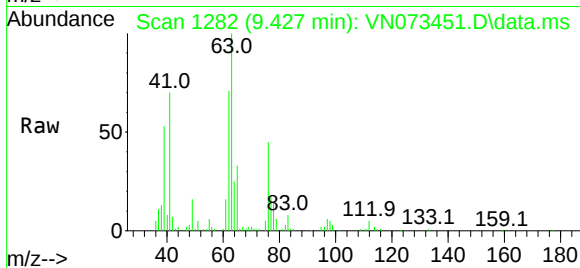
VN0713WBS01

Tgt Ion: 63 Resp: 67885

Ion Ratio Lower Upper

63 100

65 32.6 24.9 37.3



#46

Dibromomethane

Concen: 20.033 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073451.D

Acq: 13 Jul 2022 15:58

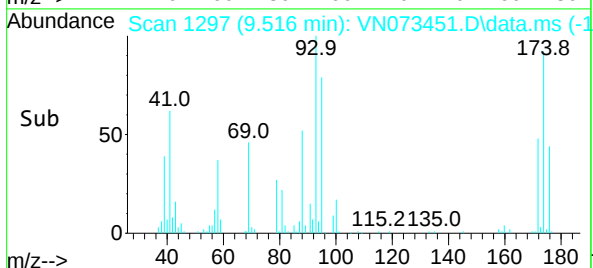
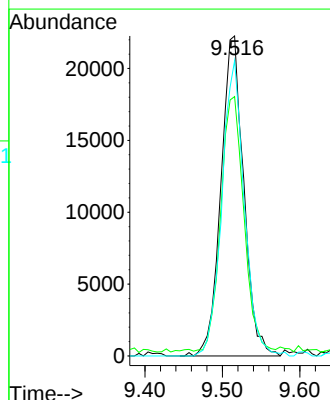
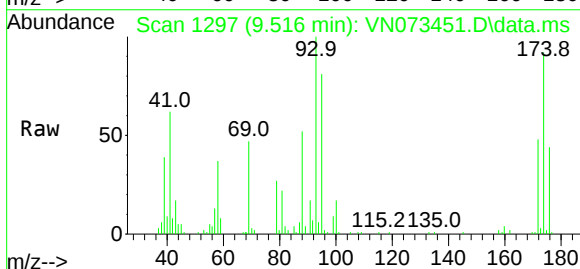
Tgt Ion: 93 Resp: 45596

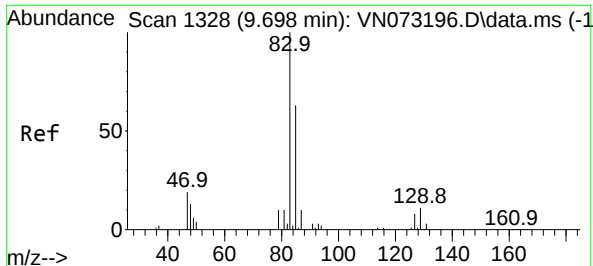
Ion Ratio Lower Upper

93 100

95 80.1 66.9 100.3

174 90.9 86.6 130.0

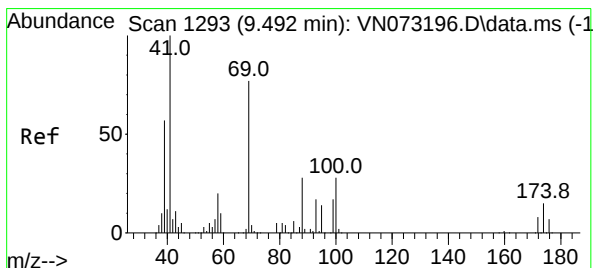
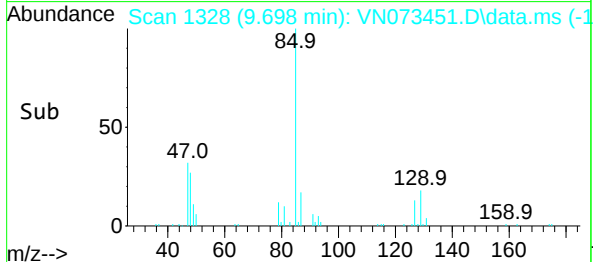
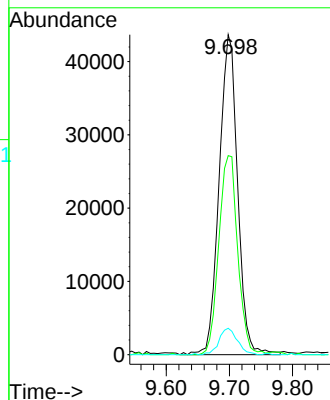
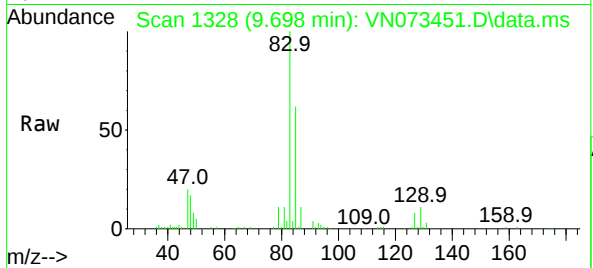




#47  
Bromodichloromethane  
Concen: 20.164 ug/l  
RT: 9.698 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

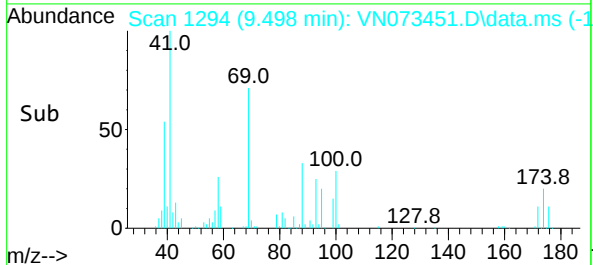
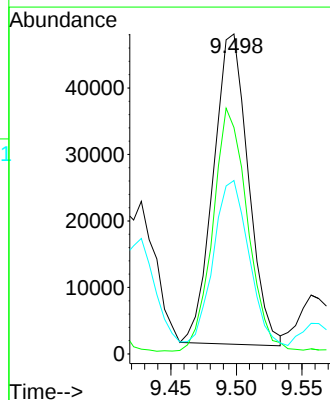
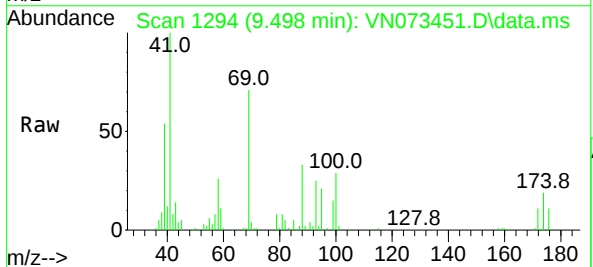
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

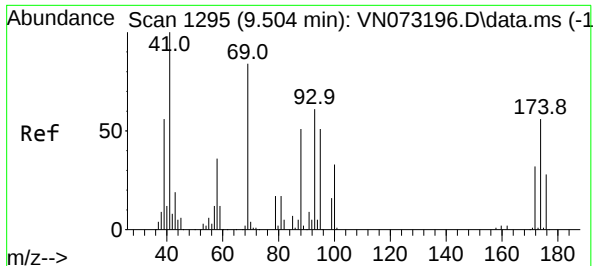
Tgt Ion: 83 Resp: 88890  
Ion Ratio Lower Upper  
83 100  
85 62.2 50.5 75.7  
127 8.2 6.8 10.2



#48  
Methyl methacrylate  
Concen: 20.200 ug/l  
RT: 9.498 min Scan# 1294  
Delta R.T. 0.006 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion: 41 Resp: 86553  
Ion Ratio Lower Upper  
41 100  
69 77.8 74.7 112.1  
39 59.9 45.6 68.4

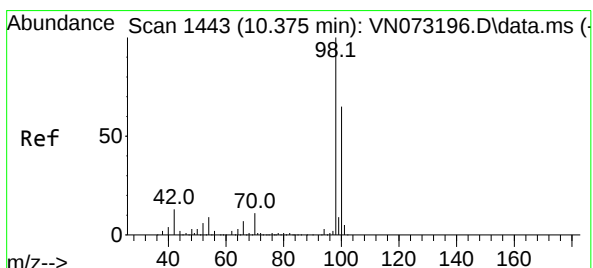
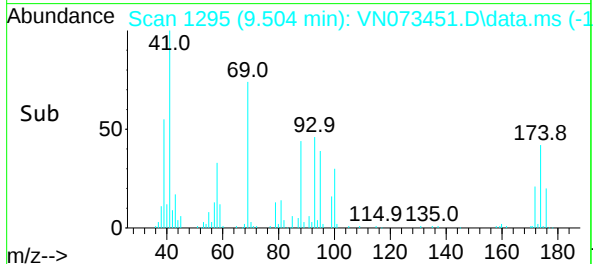
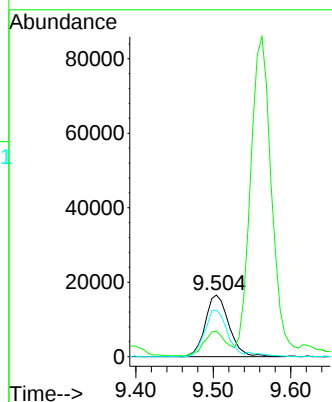
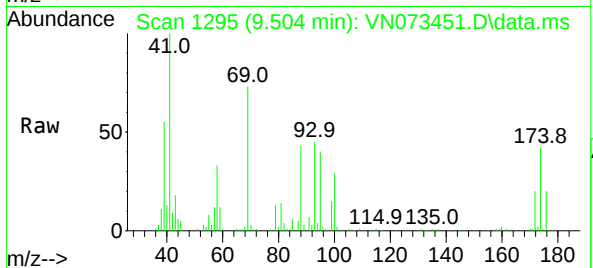




#49  
1,4-Dioxane  
Concen: 432.471 ug/l  
RT: 9.504 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

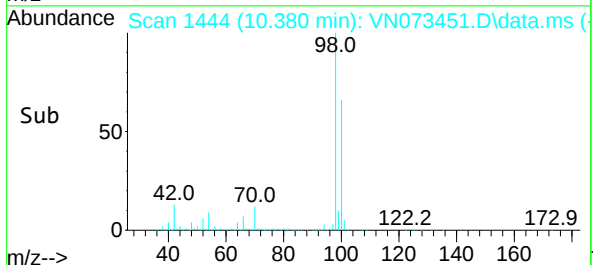
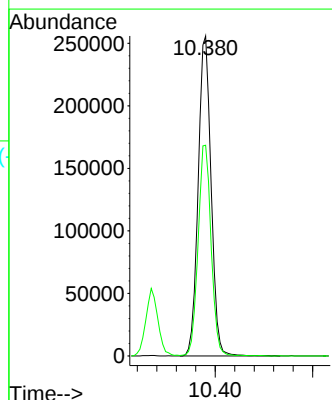
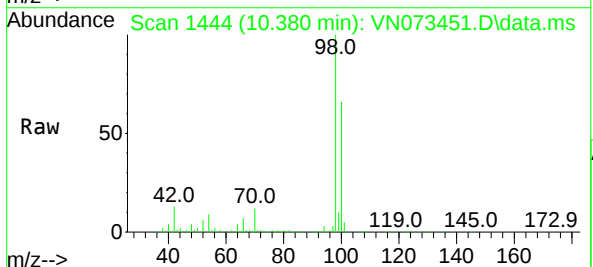
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

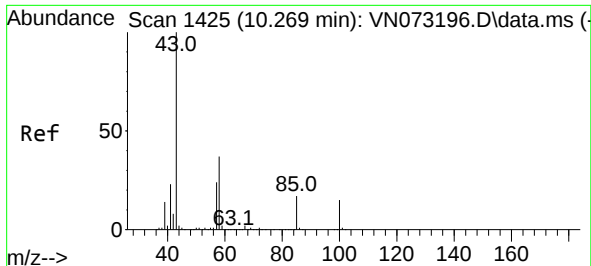
Tgt Ion: 88 Resp: 35178  
Ion Ratio Lower Upper  
88 100  
43 37.3 20.2 30.4#  
58 76.3 54.2 81.4



#50  
Toluene-d8  
Concen: 48.013 ug/l  
RT: 10.380 min Scan# 1444  
Delta R.T. 0.005 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion: 98 Resp: 472294  
Ion Ratio Lower Upper  
98 100  
100 66.4 52.6 78.8

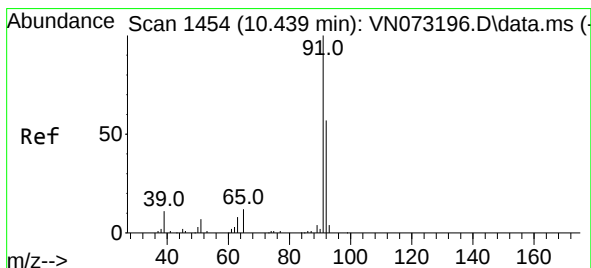
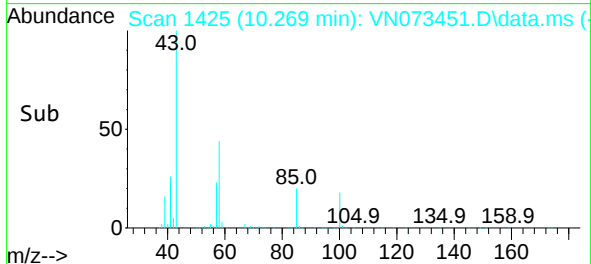
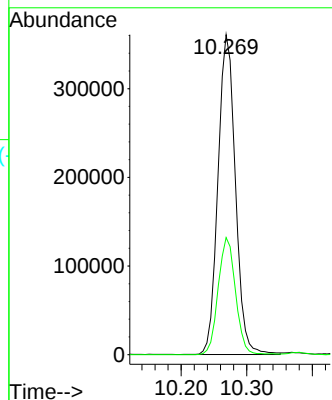
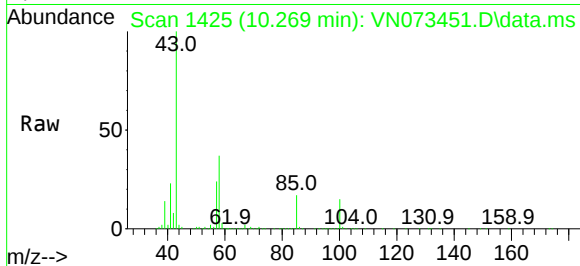




#51  
4-Methyl-2-Pentanone  
Concen: 113.125 ug/l  
RT: 10.269 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

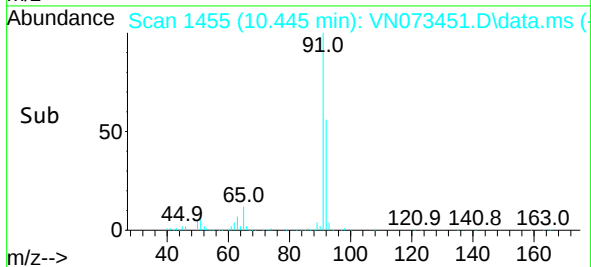
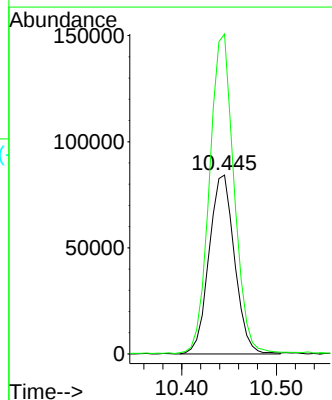
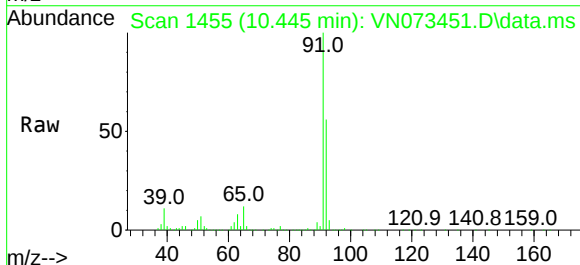
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

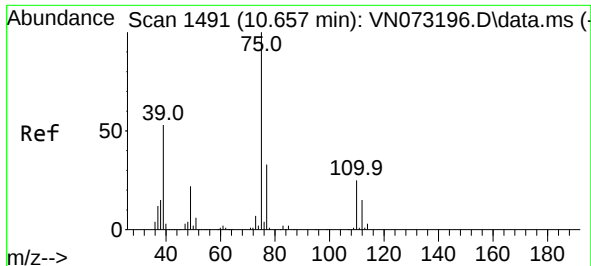
Tgt Ion: 43 Resp: 663886  
Ion Ratio Lower Upper  
43 100  
58 36.5 34.1 51.1



#52  
Toluene  
Concen: 19.408 ug/l  
RT: 10.445 min Scan# 1455  
Delta R.T. 0.006 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion: 92 Resp: 157747  
Ion Ratio Lower Upper  
92 100  
91 172.5 138.6 207.8

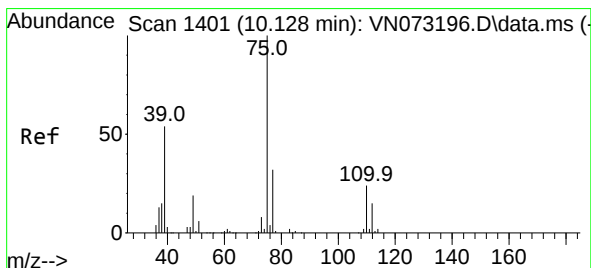
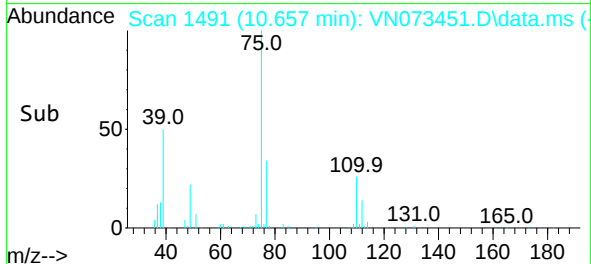
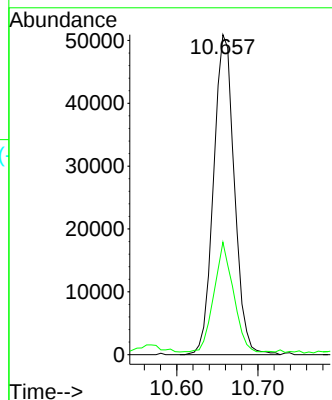
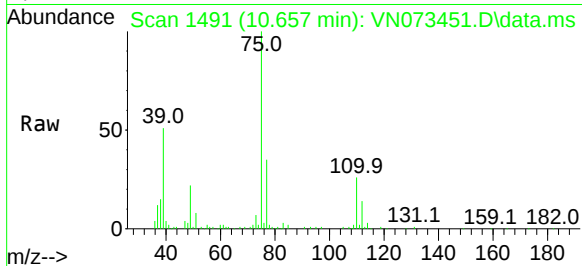




#53  
 t-1,3-Dichloropropene  
 Concen: 18.703 ug/l  
 RT: 10.657 min Scan# 1491  
 Delta R.T. -0.000 min  
 Lab File: VN073451.D  
 Acq: 13 Jul 2022 15:58

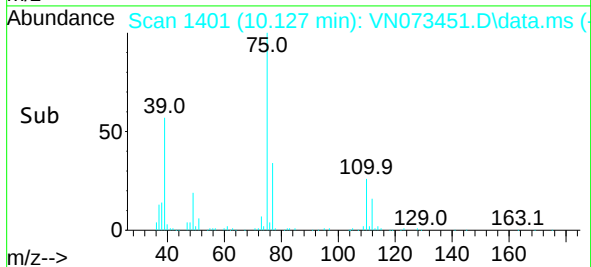
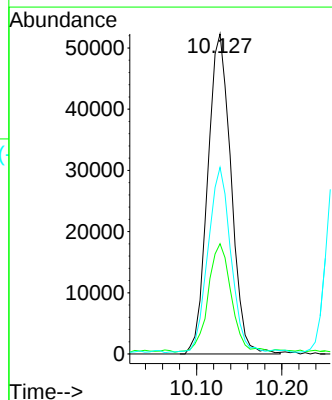
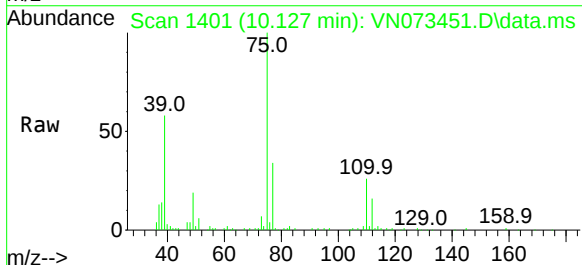
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0713WBS01

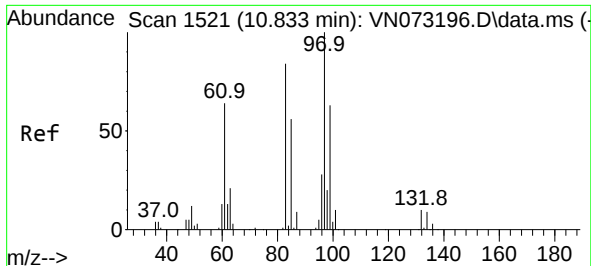
Tgt Ion: 75 Resp: 90763  
 Ion Ratio Lower Upper  
 75 100  
 77 34.3 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 18.979 ug/l  
 RT: 10.127 min Scan# 1401  
 Delta R.T. -0.001 min  
 Lab File: VN073451.D  
 Acq: 13 Jul 2022 15:58

Tgt Ion: 75 Resp: 99435  
 Ion Ratio Lower Upper  
 75 100  
 77 33.6 25.2 37.8  
 39 57.5 35.7 53.5#

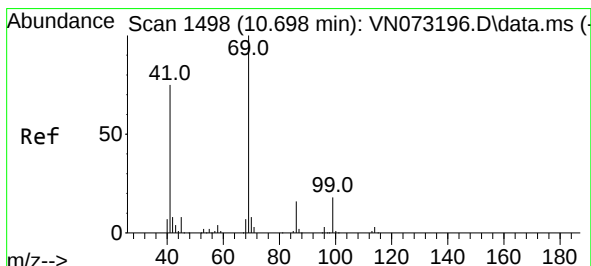
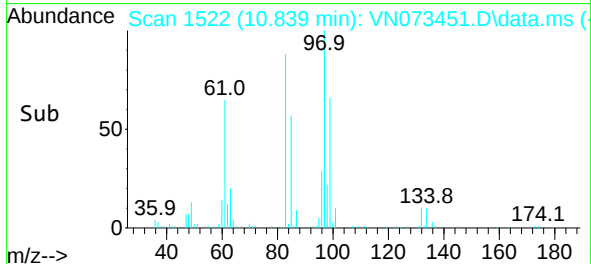
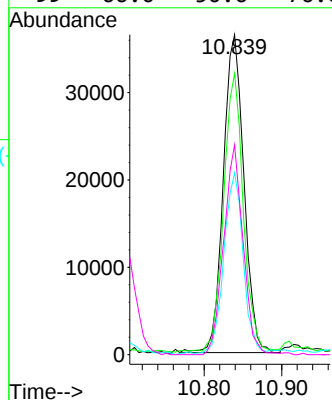
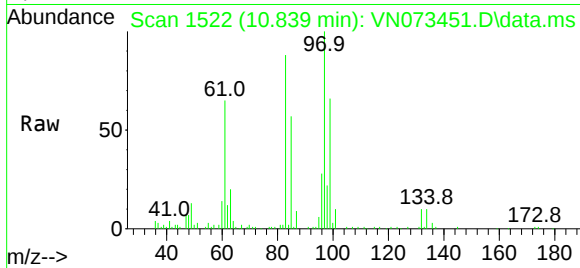




#55  
1,1,2-Trichloroethane  
Concen: 20.162 ug/l  
RT: 10.839 min Scan# 1521  
Delta R.T. 0.006 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

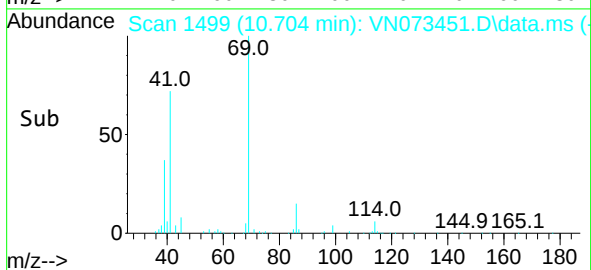
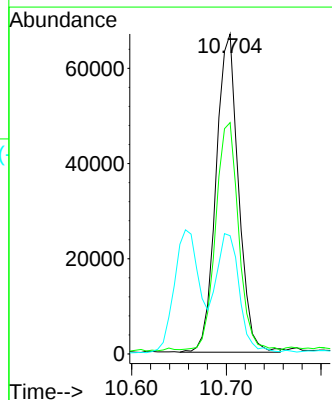
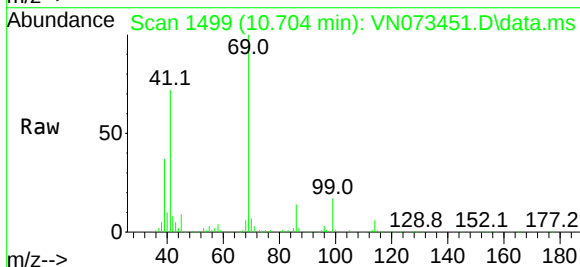
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

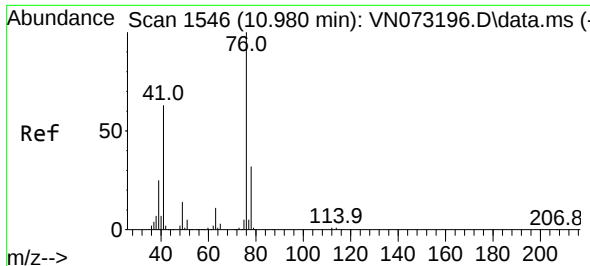
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 67466 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 87.1     | 66.2 99.4   |
| 85 56.7     | 43.9 65.9   |
| 99 66.0     | 50.6 76.0   |



#56  
Ethyl methacrylate  
Concen: 20.369 ug/l  
RT: 10.704 min Scan# 1499  
Delta R.T. 0.006 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

|             |              |
|-------------|--------------|
| Tgt Ion: 69 | Resp: 110161 |
| Ion Ratio   | Lower Upper  |
| 69 100      |              |
| 41 72.7     | 47.8 71.6#   |
| 39 37.9     | 27.3 40.9    |





#57

1,3-Dichloropropane

Concen: 20.376 ug/l

RT: 10.980 min Scan# 116881

Delta R.T. 0.000 min

Lab File: VN073451.D

Acq: 13 Jul 2022 15:58

Instrument :

MSVOA\_N

ClientSampleId :

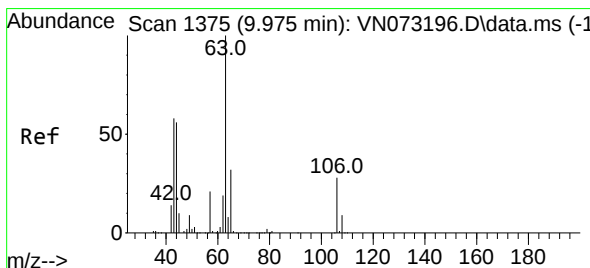
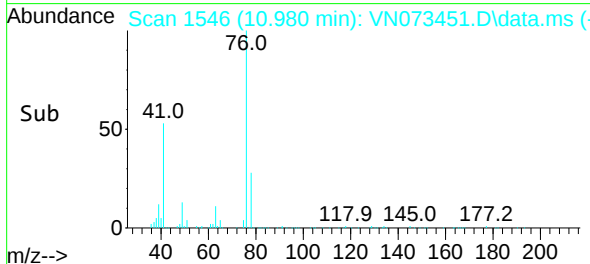
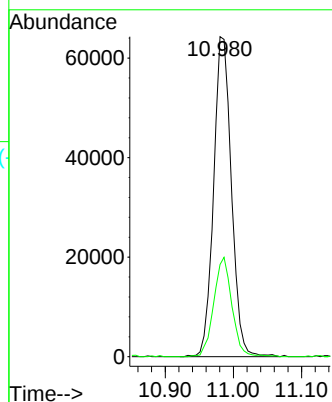
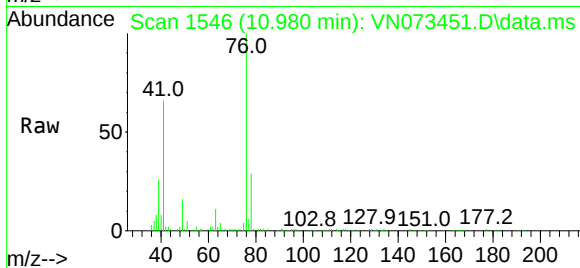
VN0713WBS01

Tgt Ion: 76 Resp: 116881

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 99.428 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.005 min

Lab File: VN073451.D

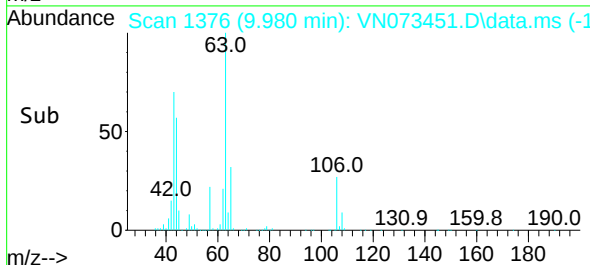
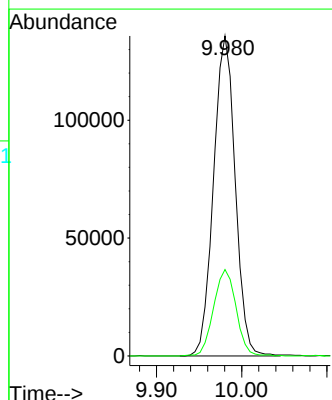
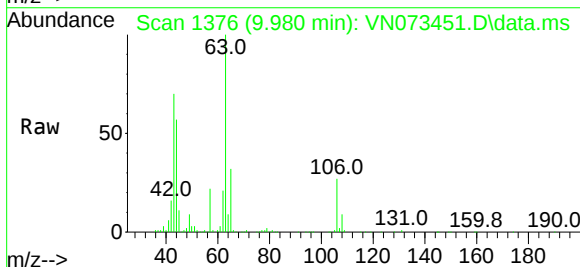
Acq: 13 Jul 2022 15:58

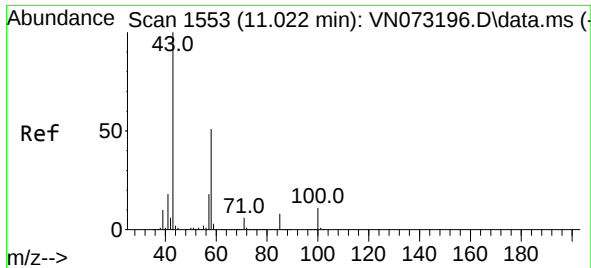
Tgt Ion: 63 Resp: 239824

Ion Ratio Lower Upper

63 100

106 28.0 24.6 36.8

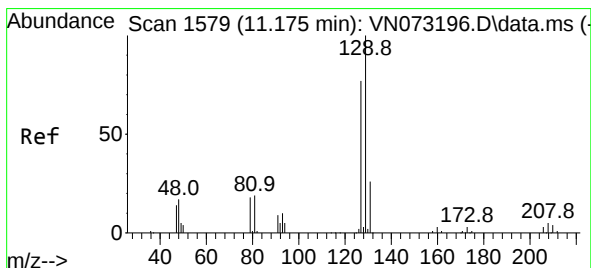
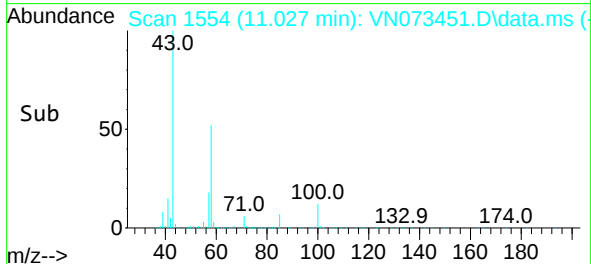
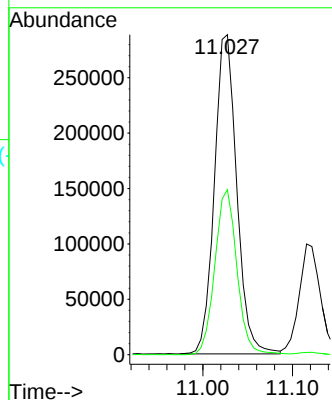
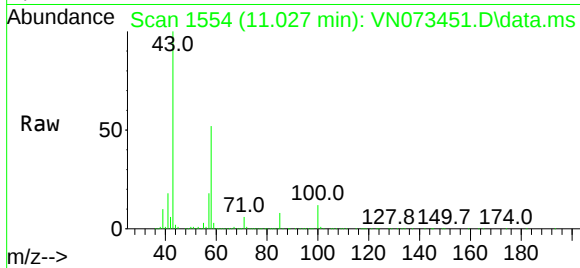




#59  
2-Hexanone  
Concen: 111.579 ug/l  
RT: 11.027 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

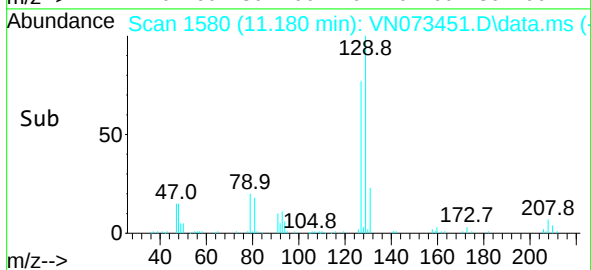
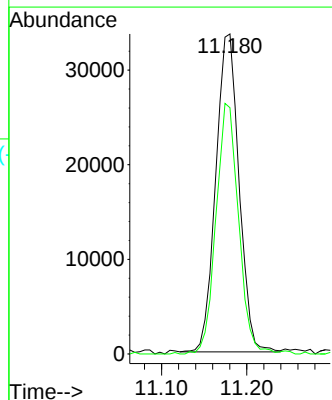
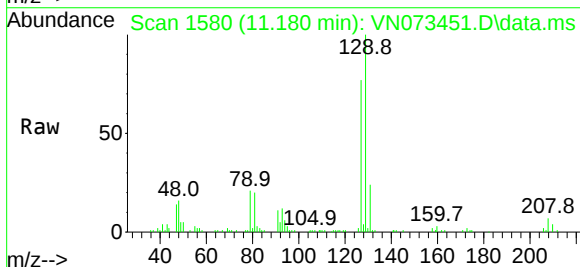
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

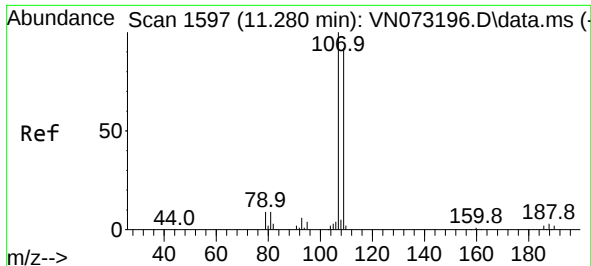
Tgt Ion: 43 Resp: 499142  
Ion Ratio Lower Upper  
43 100  
58 51.1 29.7 89.1



#60  
Dibromochloromethane  
Concen: 19.991 ug/l  
RT: 11.180 min Scan# 1580  
Delta R.T. 0.005 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion: 129 Resp: 63778  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.8 116.4

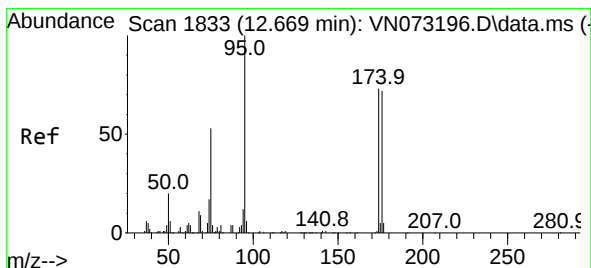
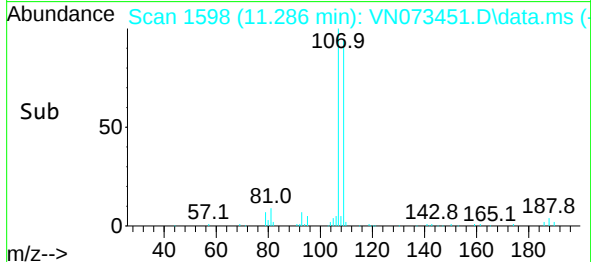
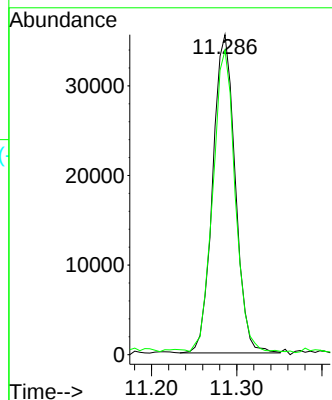
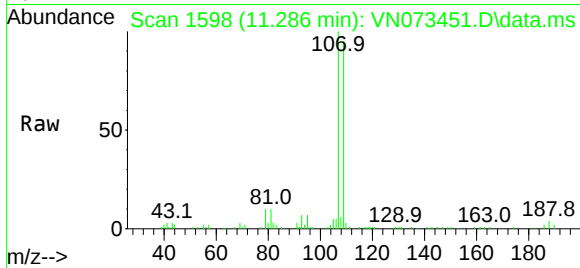




#61  
1,2-Dibromoethane  
Concen: 19.430 ug/l  
RT: 11.286 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

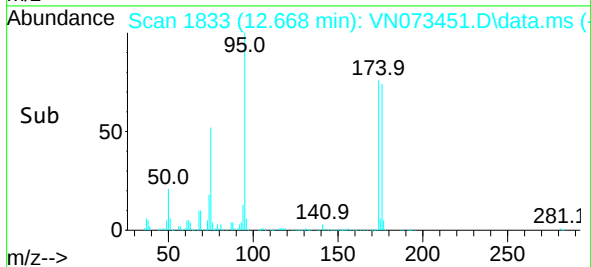
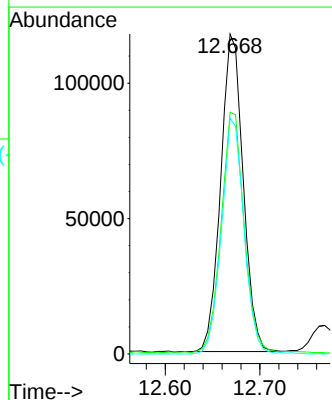
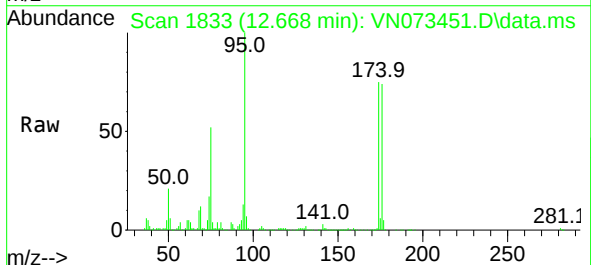
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

Tgt Ion:107 Resp: 64941  
Ion Ratio Lower Upper  
107 100  
109 95.1 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 51.139 ug/l  
RT: 12.668 min Scan# 1833  
Delta R.T. -0.001 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion: 95 Resp: 193315  
Ion Ratio Lower Upper  
95 100  
174 77.0 0.0 167.6  
176 74.3 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073451.D

Acq: 13 Jul 2022 15:58

Instrument :

MSVOA\_N

ClientSampleId :

VN0713WBS01

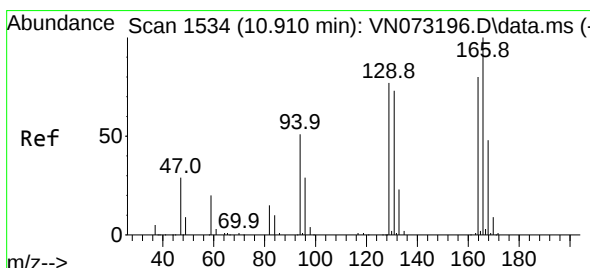
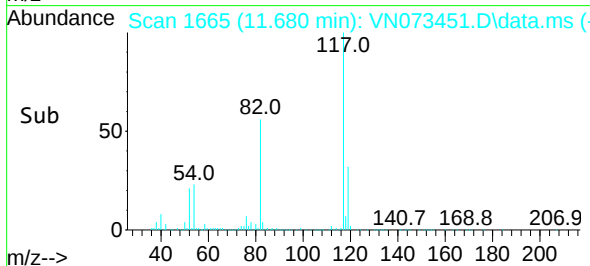
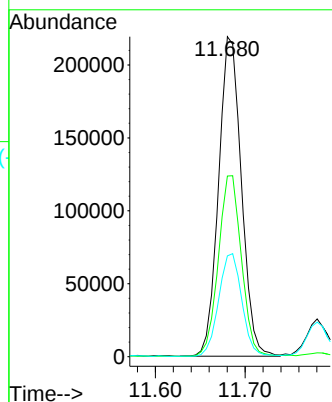
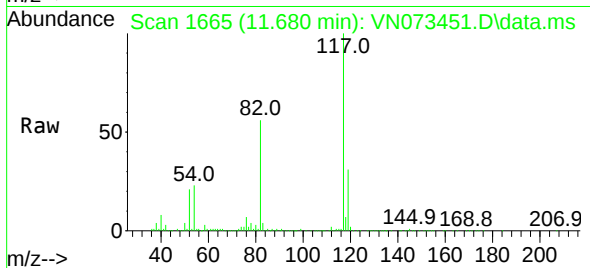
Tgt Ion:117 Resp: 386440

Ion Ratio Lower Upper

117 100

82 56.5 44.2 66.2

119 31.4 25.4 38.0



#64

Tetrachloroethene

Concen: 18.706 ug/l

RT: 10.910 min Scan# 1534

Delta R.T. -0.000 min

Lab File: VN073451.D

Acq: 13 Jul 2022 15:58

Tgt Ion:164 Resp: 59027

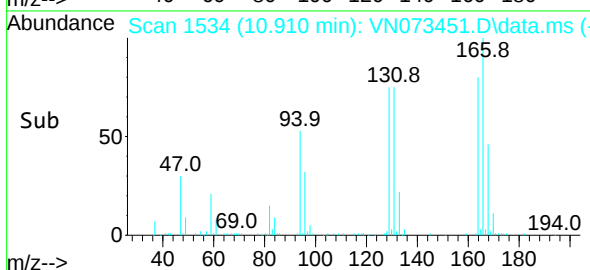
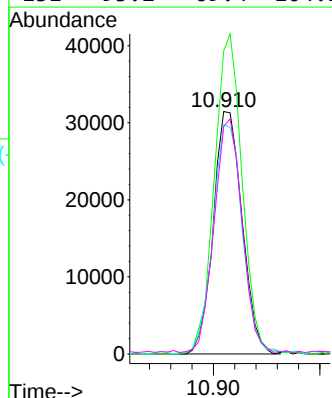
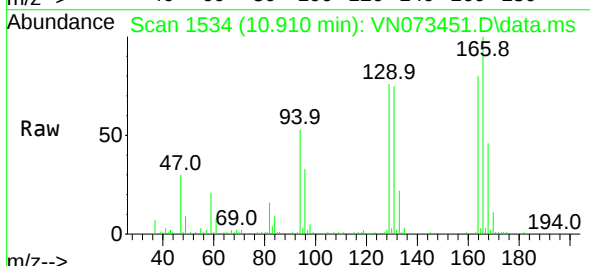
Ion Ratio Lower Upper

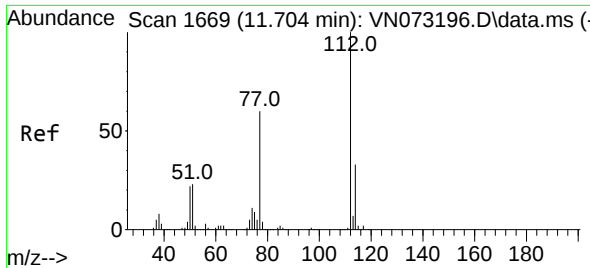
164 100

166 125.1 104.2 156.2

129 93.9 73.9 110.9

131 93.2 69.4 104.2

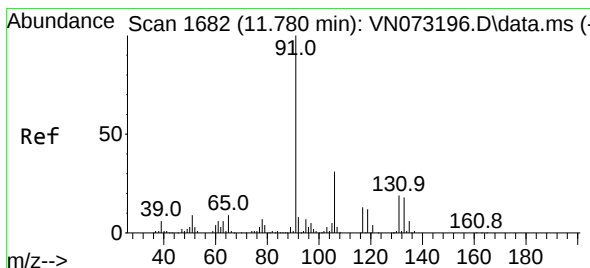
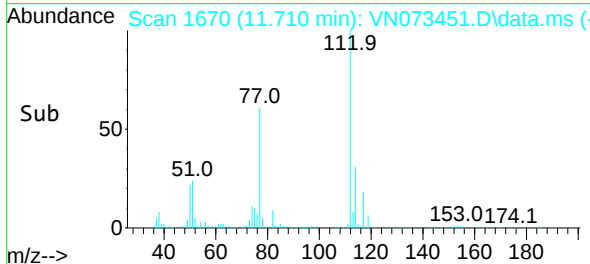
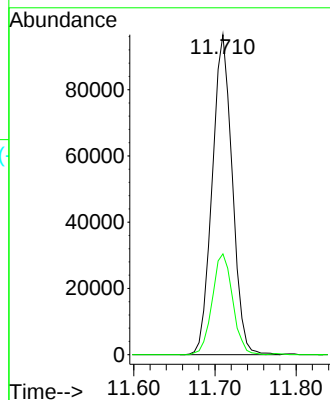
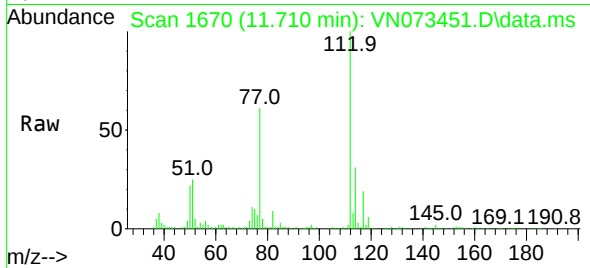




#65  
Chlorobenzene  
Concen: 18.950 ug/l  
RT: 11.710 min Scan# 1670  
Delta R.T. 0.006 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

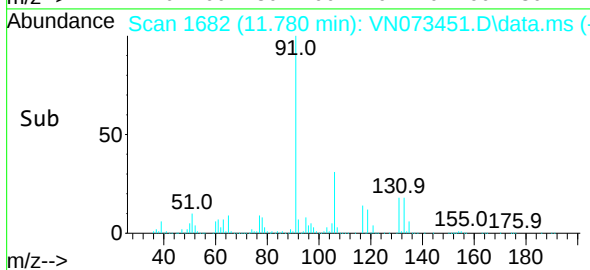
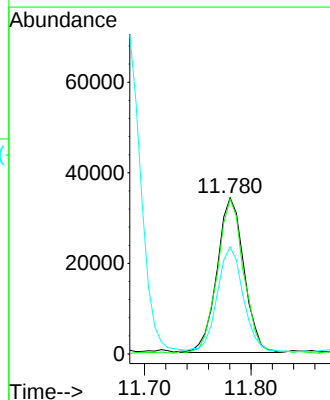
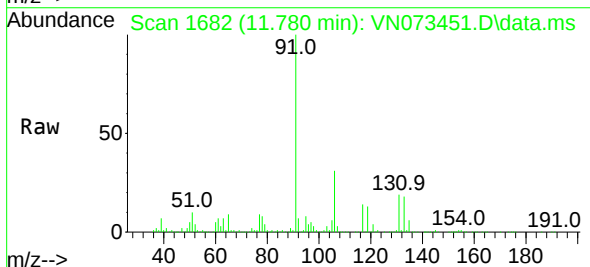
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

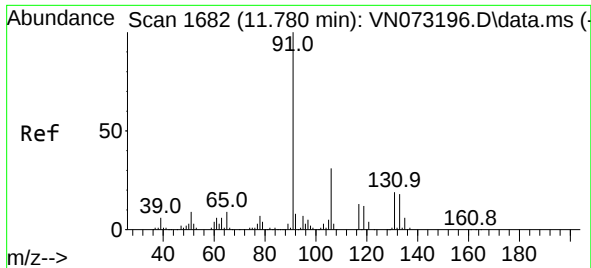
Tgt Ion:112 Resp: 165621  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.683 ug/l  
RT: 11.780 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion:131 Resp: 60060  
Ion Ratio Lower Upper  
131 100  
133 98.4 47.8 143.4  
119 66.1 33.4 100.2

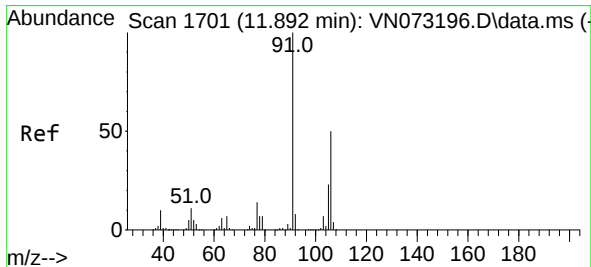
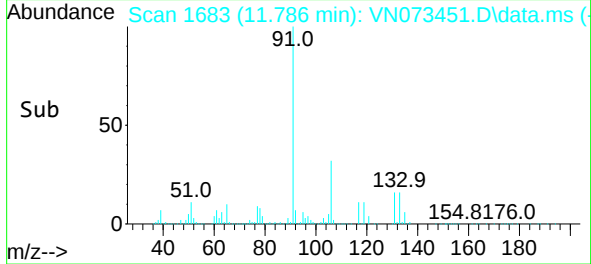
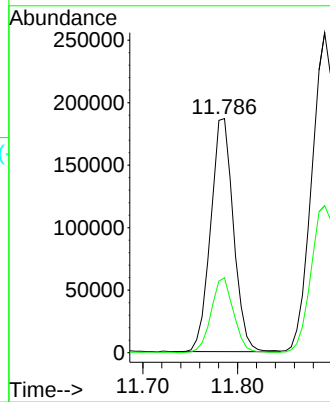
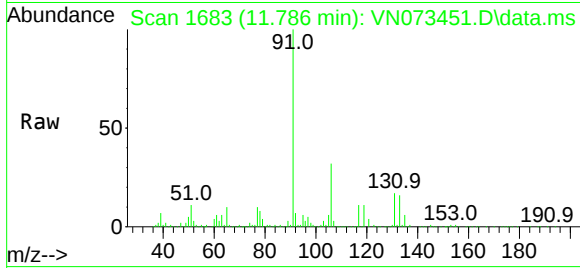




#67  
Ethyl Benzene  
Concen: 19.624 ug/l  
RT: 11.786 min Scan# 1106  
Delta R.T. 0.006 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

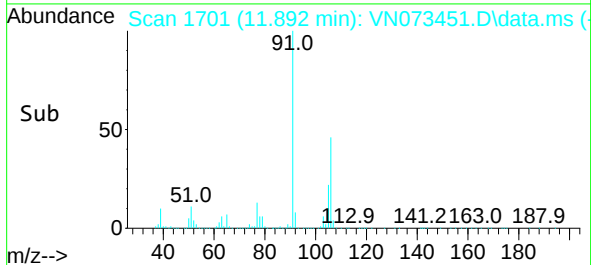
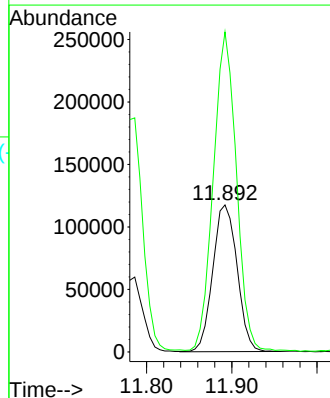
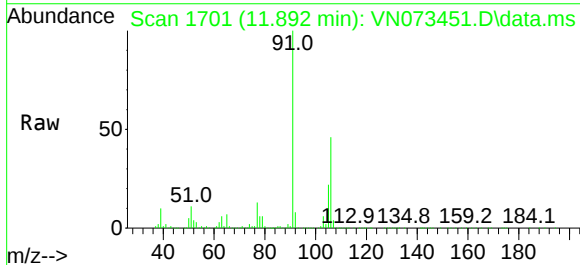
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

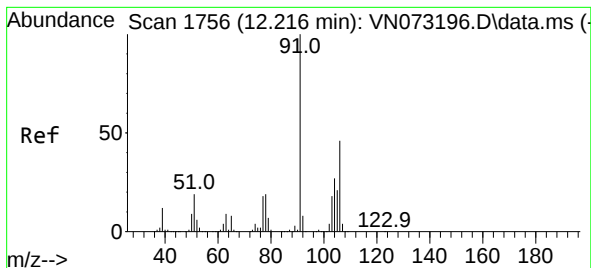
Tgt Ion: 91 Resp: 311366  
Ion Ratio Lower Upper  
91 100  
106 32.1 24.9 37.3



#68  
m/p-Xylenes  
Concen: 38.943 ug/l  
RT: 11.892 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion: 106 Resp: 233197  
Ion Ratio Lower Upper  
106 100  
91 206.3 158.9 238.3





#69

o-Xylene

Concen: 19.775 ug/l

RT: 12.221 min Scan# 1757

Delta R.T. 0.005 min

Lab File: VN073451.D

Acq: 13 Jul 2022 15:58

Instrument :

MSVOA\_N

ClientSampleId :

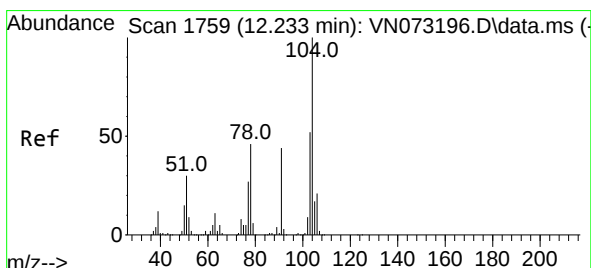
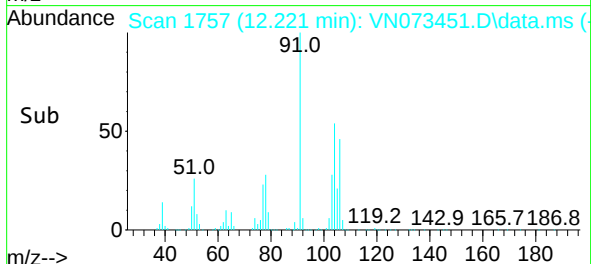
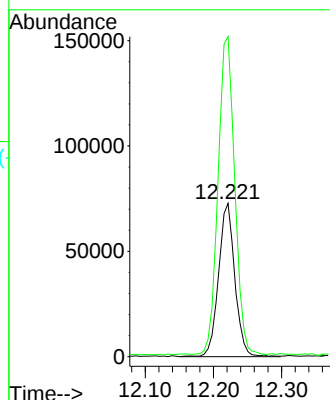
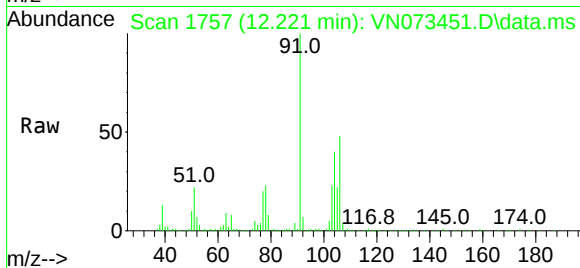
VN0713WBS01

Tgt Ion:106 Resp: 120887

Ion Ratio Lower Upper

106 100

91 212.0 106.0 318.0



#70

Styrene

Concen: 20.460 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN073451.D

Acq: 13 Jul 2022 15:58

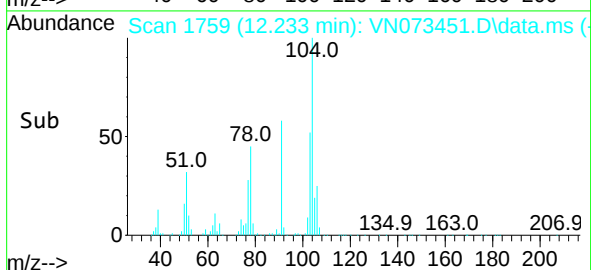
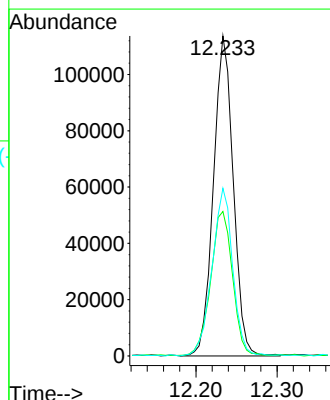
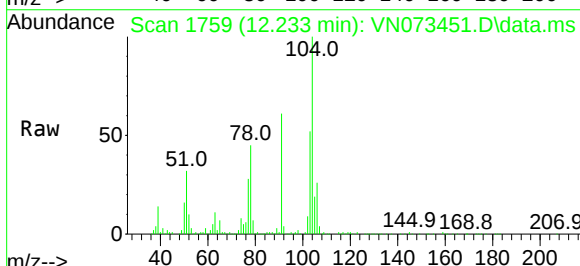
Tgt Ion:104 Resp: 193101

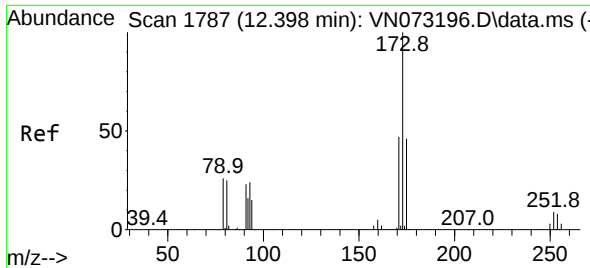
Ion Ratio Lower Upper

104 100

78 49.4 39.5 59.3

103 55.1 44.0 66.0

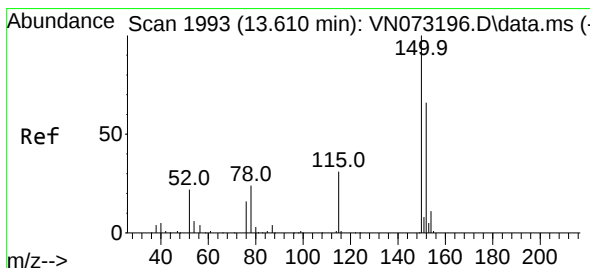
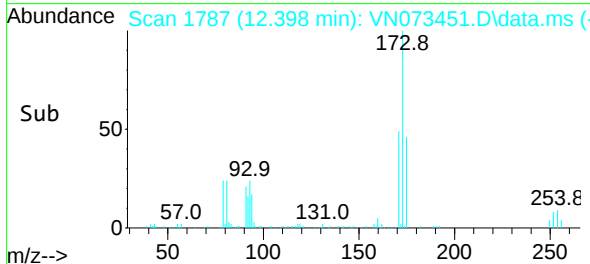
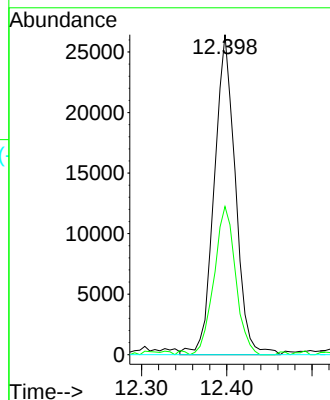
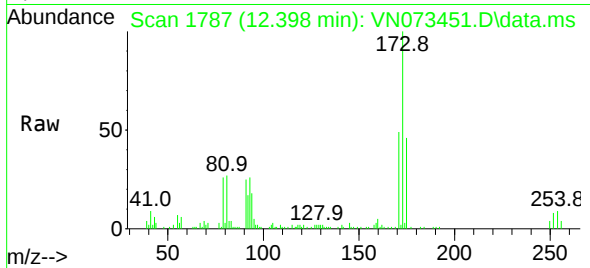




#71  
Bromoform  
Concen: 19.334 ug/l  
RT: 12.398 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

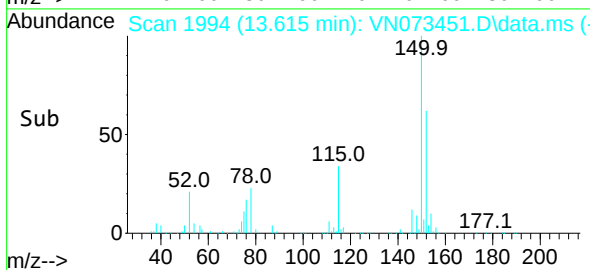
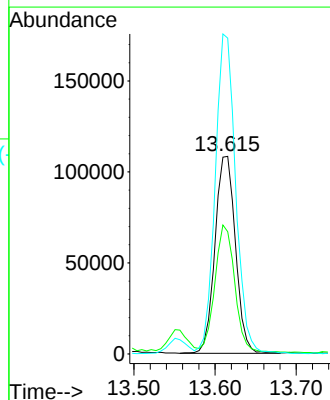
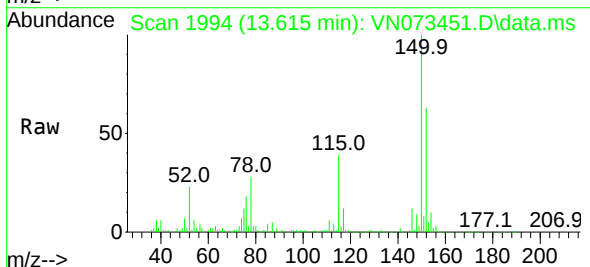
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

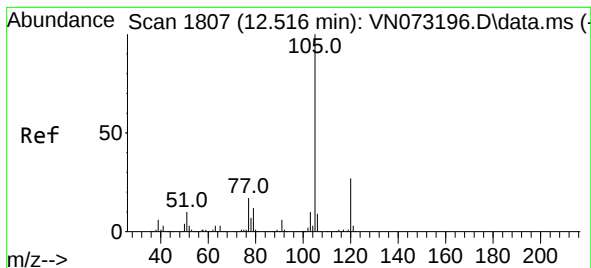
Tgt Ion:173 Resp: 45478  
Ion Ratio Lower Upper  
173 100  
175 47.2 24.6 73.6  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.615 min Scan# 1994  
Delta R.T. 0.005 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion:152 Resp: 190104  
Ion Ratio Lower Upper  
152 100  
115 63.9 28.9 86.7  
150 161.9 0.0 356.2





#73

Isopropylbenzene

Concen: 18.978 ug/l

RT: 12.516 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN073451.D

Acq: 13 Jul 2022 15:58

Instrument :

MSVOA\_N

ClientSampleId :

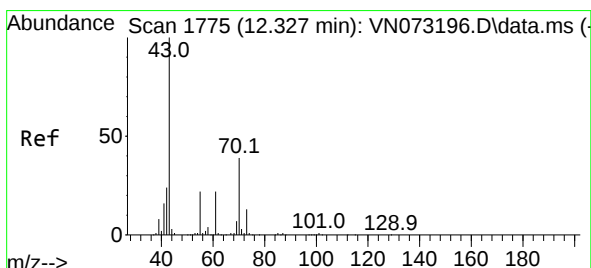
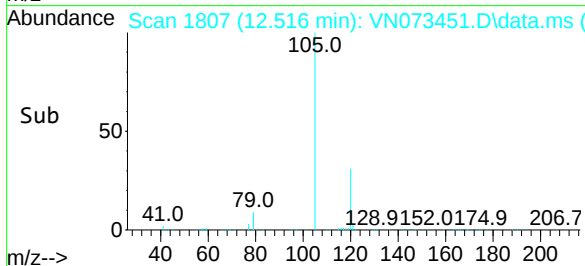
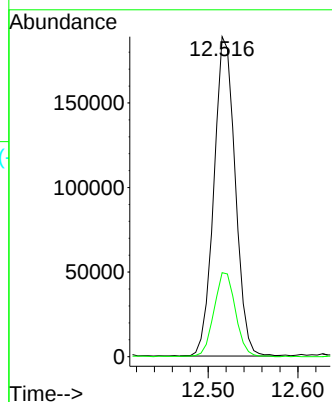
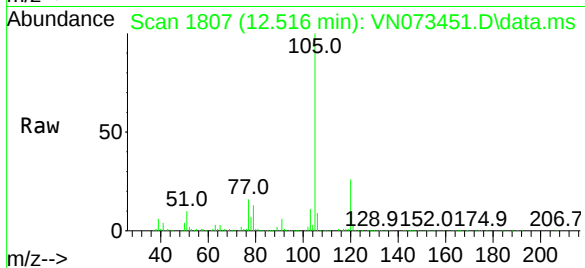
VN0713WBS01

Tgt Ion:105 Resp: 311549

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.4



#74

N-ethyl acetate

Concen: 17.873 ug/l

RT: 12.327 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN073451.D

Acq: 13 Jul 2022 15:58

Tgt Ion: 43 Resp: 146914

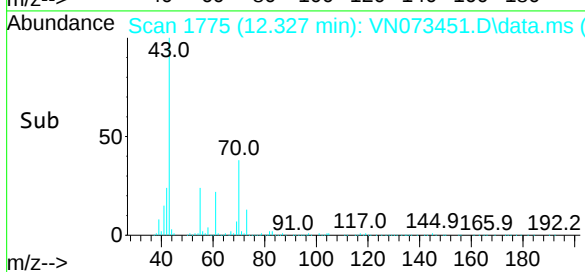
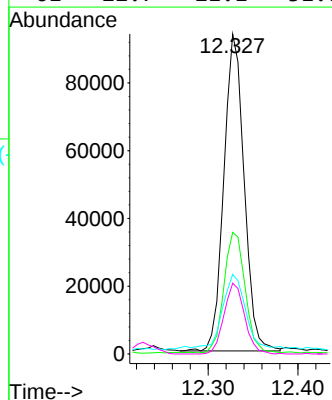
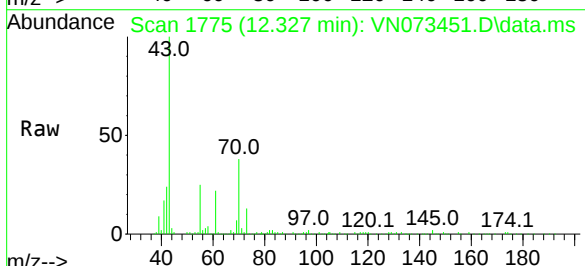
Ion Ratio Lower Upper

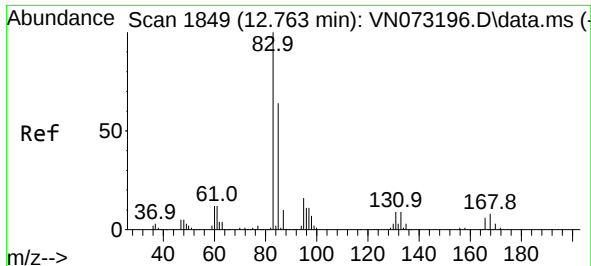
43 100

70 39.3 39.0 58.4

55 27.1 21.1 31.7

61 22.7 21.1 31.7

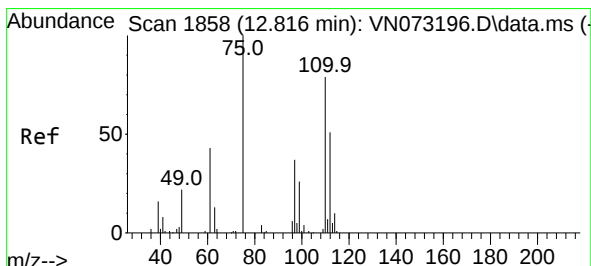
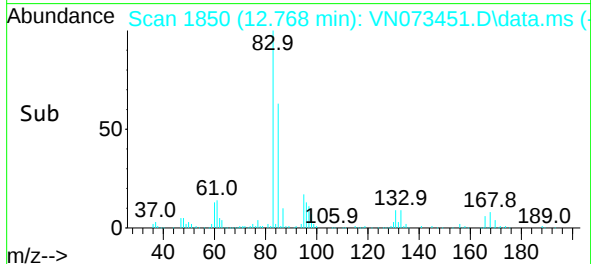
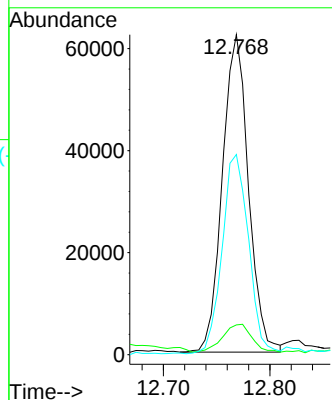
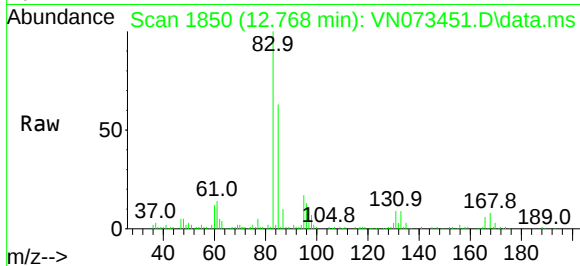




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.389 ug/l  
 RT: 12.768 min Scan# 1849  
 Delta R.T. 0.005 min  
 Lab File: VN073451.D  
 Acq: 13 Jul 2022 15:58

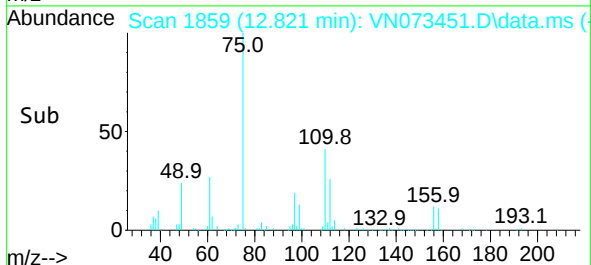
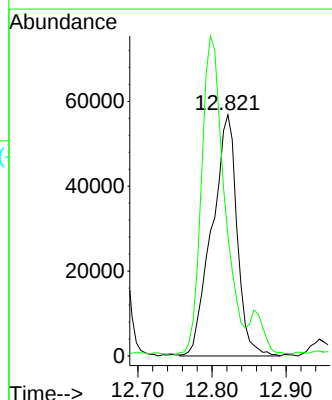
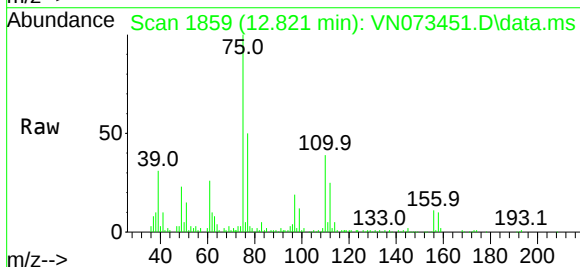
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0713WBS01

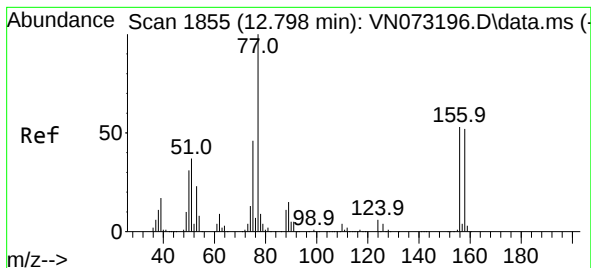
Tgt Ion: 83 Resp: 105625  
 Ion Ratio Lower Upper  
 83 100  
 131 9.9 5.3 15.9  
 85 63.5 32.3 96.9



#76  
 1,2,3-Trichloropropane  
 Concen: 26.910 ug/l  
 RT: 12.821 min Scan# 1859  
 Delta R.T. 0.005 min  
 Lab File: VN073451.D  
 Acq: 13 Jul 2022 15:58

Tgt Ion: 75 Resp: 133765  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 98.5 295.5#





#77

Bromobenzene

Concen: 18.596 ug/l

RT: 12.798 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VN073451.D

Acq: 13 Jul 2022 15:58

Instrument :

MSVOA\_N

ClientSampleId :

VN0713WBS01

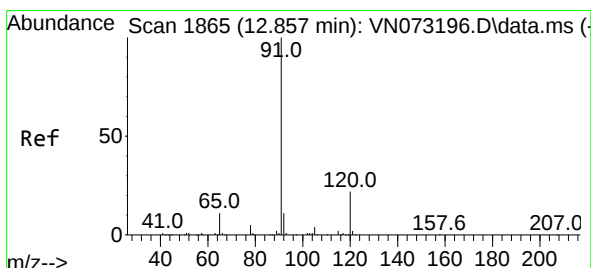
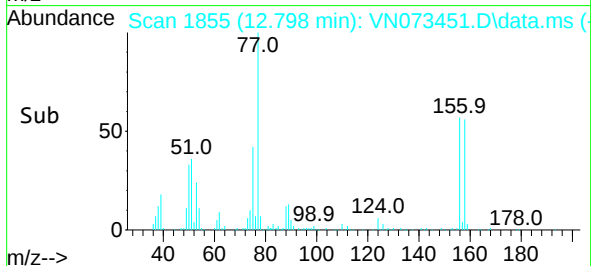
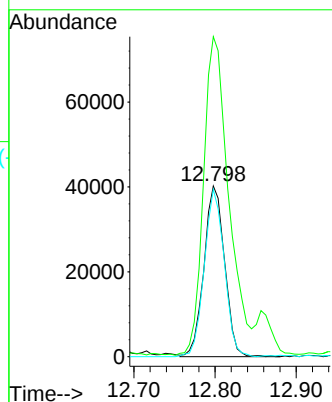
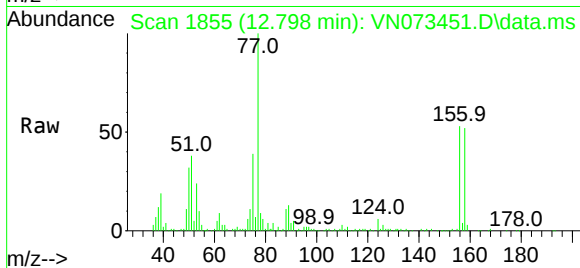
Tgt Ion:156 Resp: 70977

Ion Ratio Lower Upper

156 100

77 225.8 100.5 301.5

158 95.1 48.9 146.6



#78

n-propylbenzene

Concen: 19.376 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.006 min

Lab File: VN073451.D

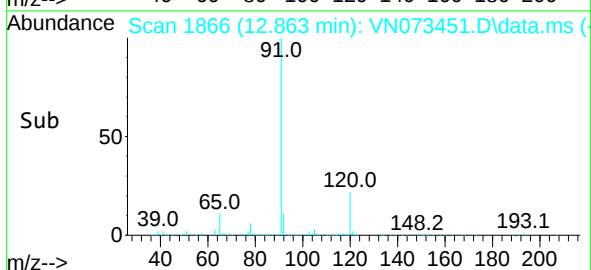
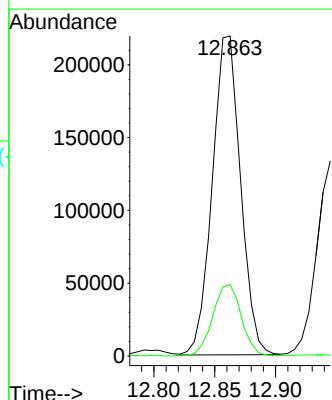
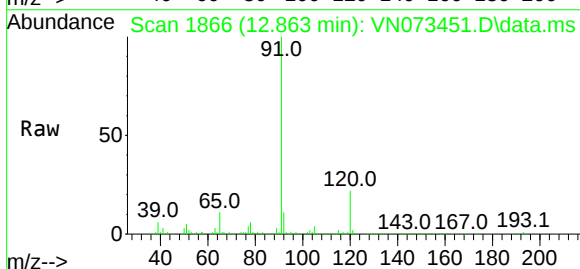
Acq: 13 Jul 2022 15:58

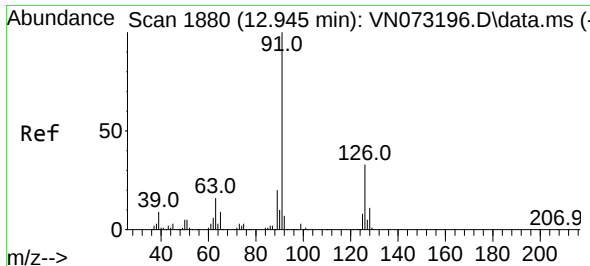
Tgt Ion: 91 Resp: 353363

Ion Ratio Lower Upper

91 100

120 22.7 11.9 35.5

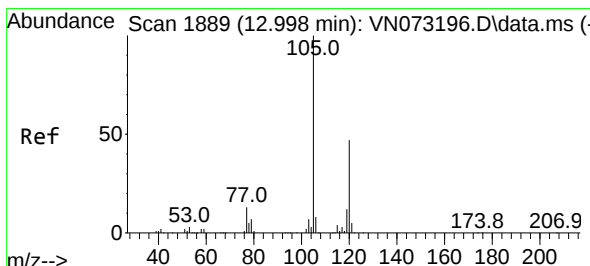
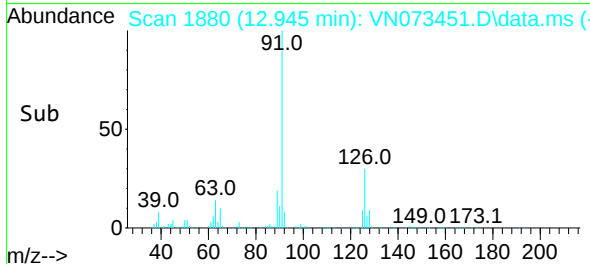
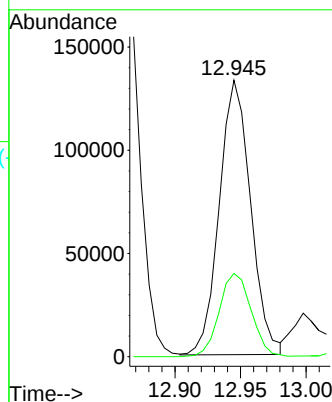
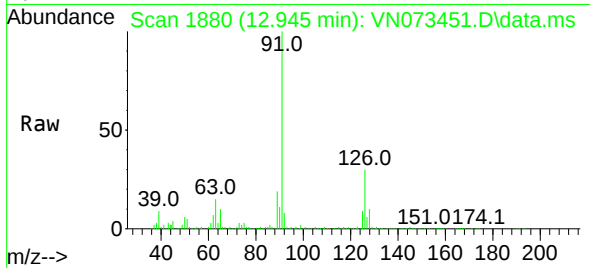




#79  
2-Chlorotoluene  
Concen: 19.162 ug/l  
RT: 12.945 min Scan# 1880  
Delta R.T. -0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

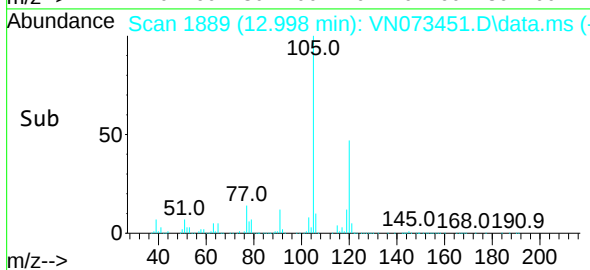
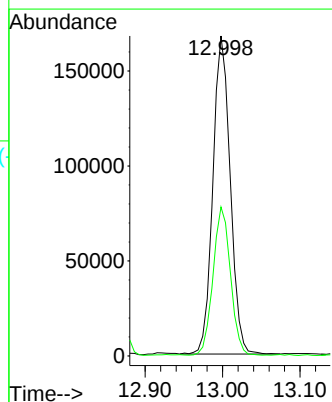
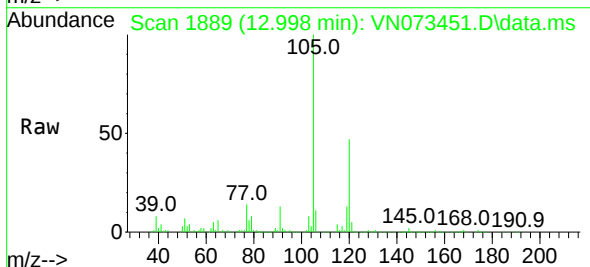
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

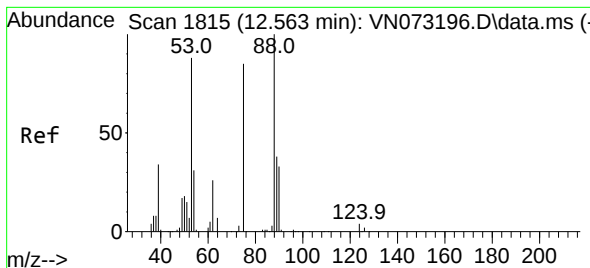
Tgt Ion: 91 Resp: 221171  
Ion Ratio Lower Upper  
91 100  
126 31.0 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 19.482 ug/l  
RT: 12.998 min Scan# 1889  
Delta R.T. -0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion: 105 Resp: 260681  
Ion Ratio Lower Upper  
105 100  
120 46.7 24.9 74.7

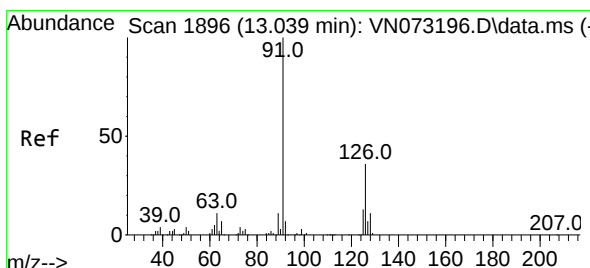
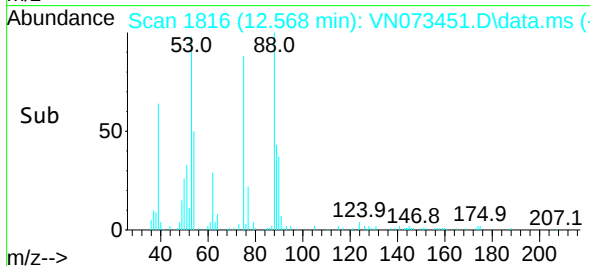
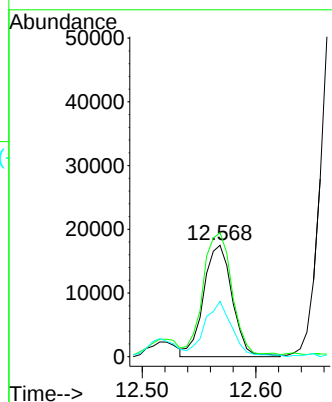
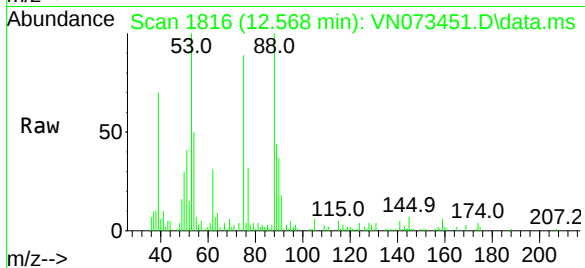




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.929 ug/l  
RT: 12.568 min Scan# 1815  
Delta R.T. 0.005 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

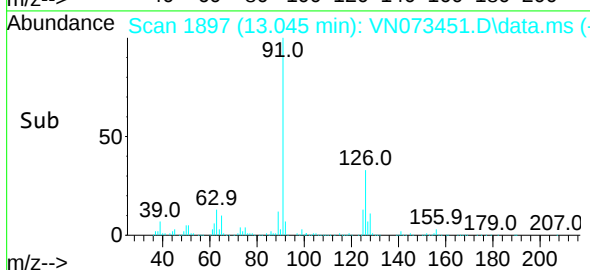
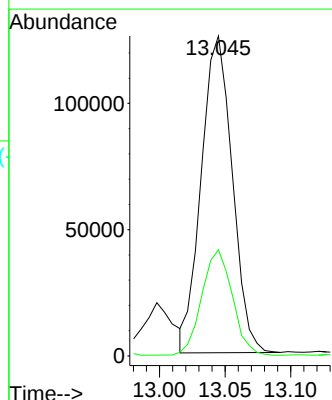
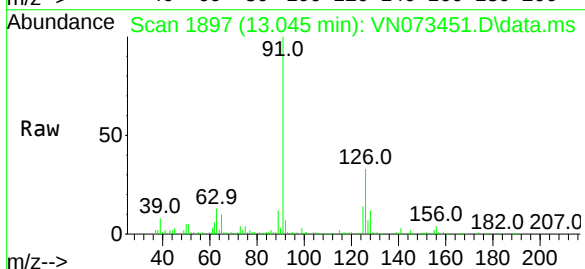
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

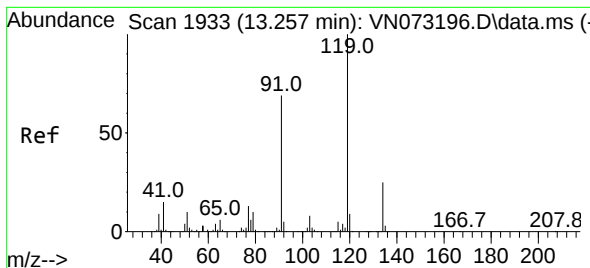
Tgt Ion: 75 Resp: 30684  
Ion Ratio Lower Upper  
75 100  
53 110.4 78.0 117.0  
89 47.6 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 18.460 ug/l  
RT: 13.045 min Scan# 1897  
Delta R.T. 0.006 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion: 91 Resp: 206281  
Ion Ratio Lower Upper  
91 100  
126 33.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.066 ug/l

RT: 13.263 min Scan# 1933

Delta R.T. 0.006 min

Lab File: VN073451.D

Acq: 13 Jul 2022 15:58

Instrument :

MSVOA\_N

ClientSampleId :

VN0713WBS01

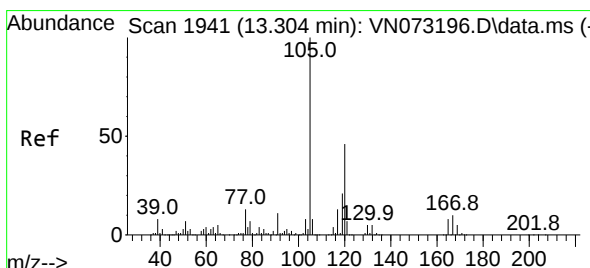
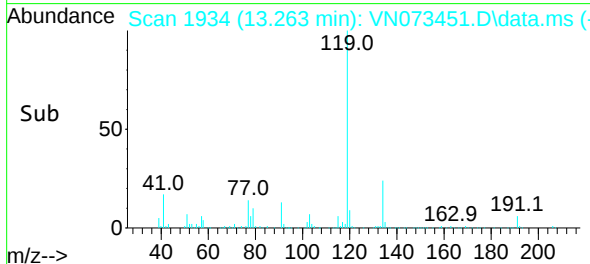
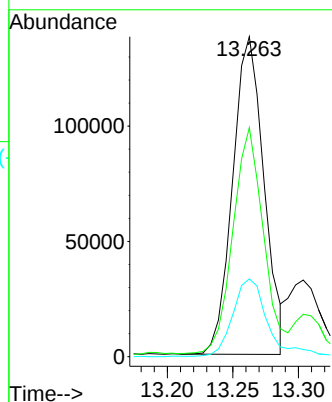
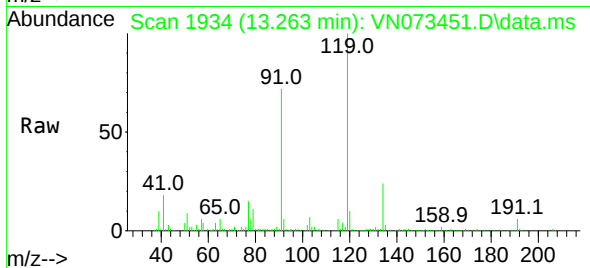
Tgt Ion:119 Resp: 228720

Ion Ratio Lower Upper

119 100

91 69.7 31.6 94.8

134 27.5 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 19.850 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.006 min

Lab File: VN073451.D

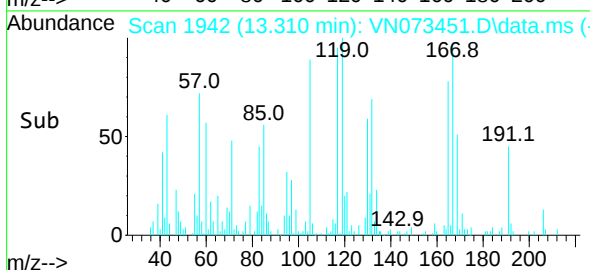
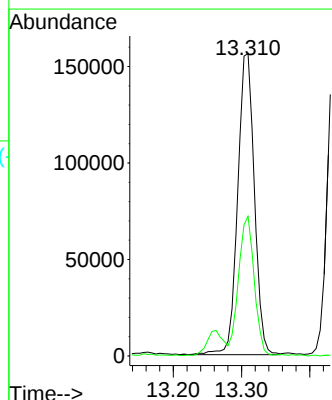
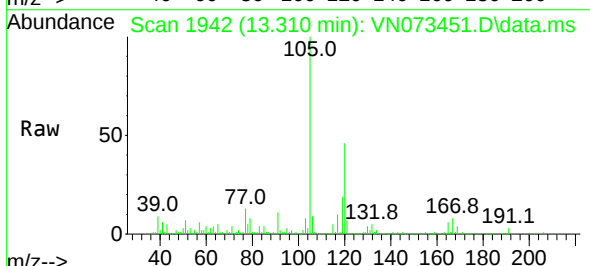
Acq: 13 Jul 2022 15:58

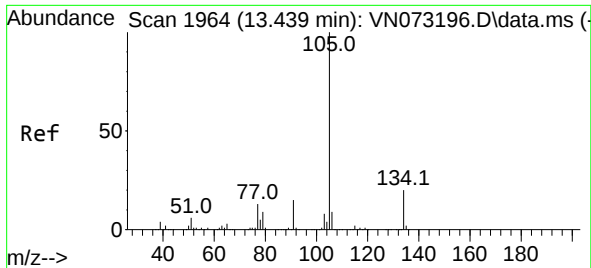
Tgt Ion:105 Resp: 265183

Ion Ratio Lower Upper

105 100

120 42.8 23.3 69.8

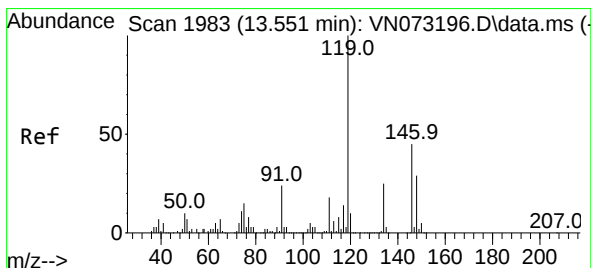
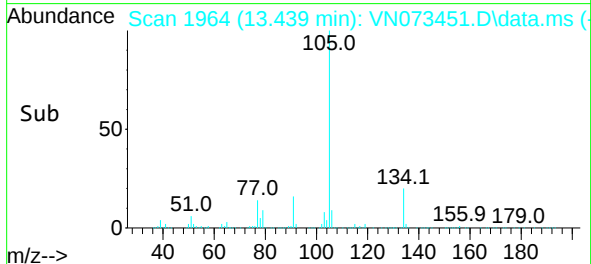
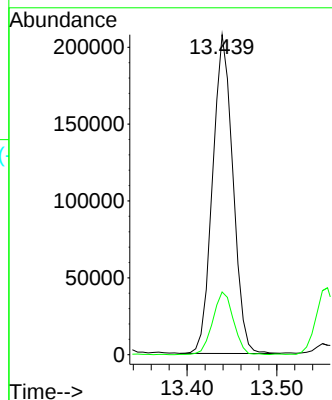
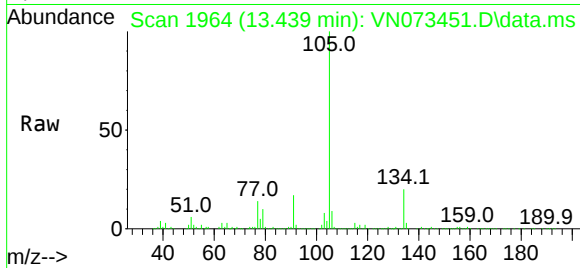




#85  
 sec-Butylbenzene  
 Concen: 20.237 ug/l  
 RT: 13.439 min Scan# 1964  
 Delta R.T. -0.000 min  
 Lab File: VN073451.D  
 Acq: 13 Jul 2022 15:58

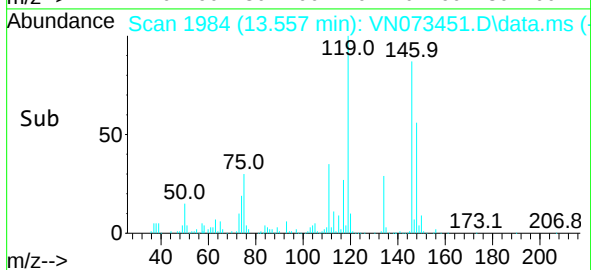
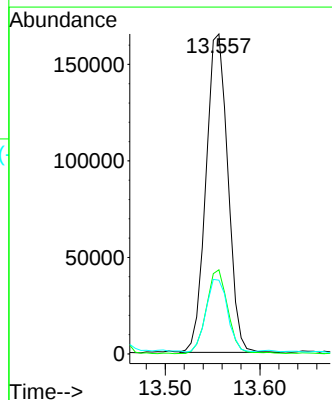
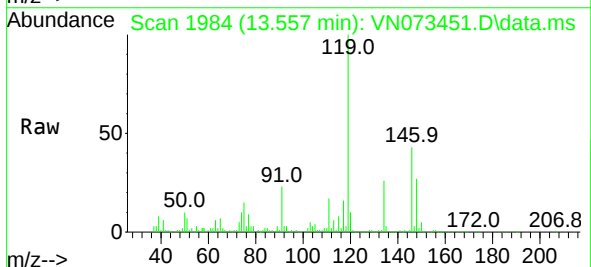
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0713WBS01

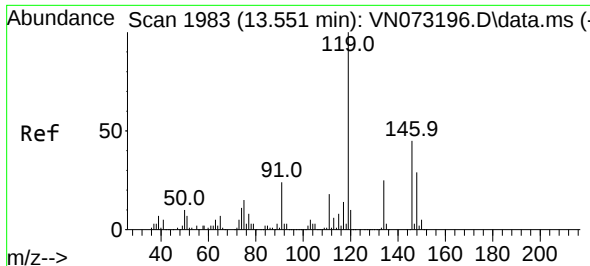
Tgt Ion:105 Resp: 325981  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 20.369 ug/l  
 RT: 13.557 min Scan# 1984  
 Delta R.T. 0.006 min  
 Lab File: VN073451.D  
 Acq: 13 Jul 2022 15:58

Tgt Ion:119 Resp: 265048  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 13.3 39.8  
 91 22.7 11.3 33.9

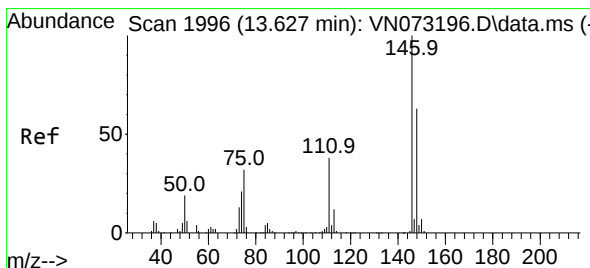
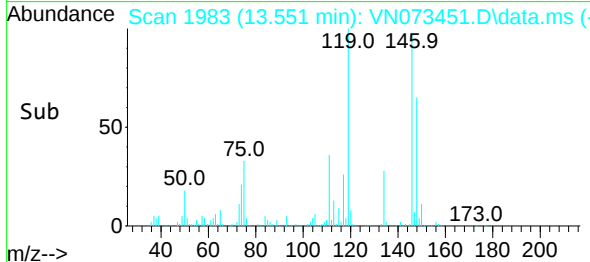
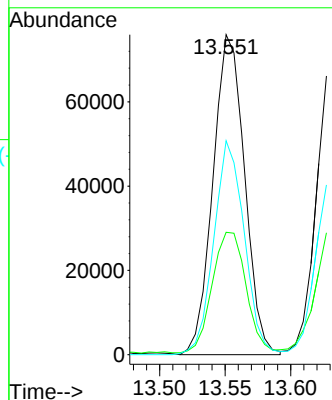
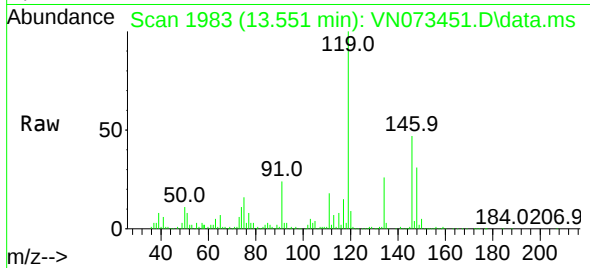




#87  
 1,3-Dichlorobenzene  
 Concen: 18.612 ug/l  
 RT: 13.551 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VN073451.D  
 Acq: 13 Jul 2022 15:58

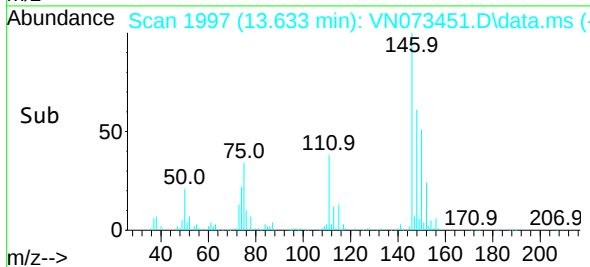
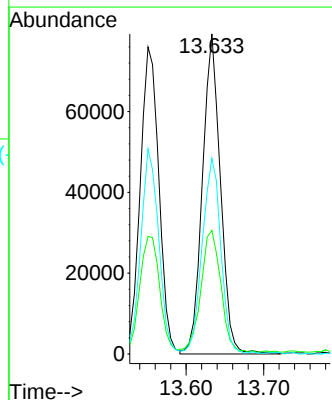
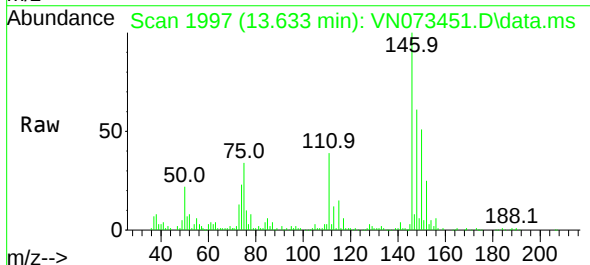
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0713WBS01

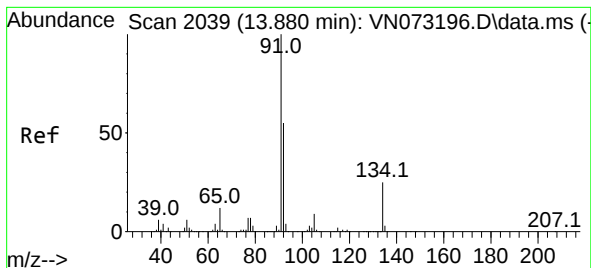
Tgt Ion:146 Resp: 127444  
 Ion Ratio Lower Upper  
 146 100  
 111 40.3 20.0 60.0  
 148 64.4 32.0 96.0



#88  
 1,4-Dichlorobenzene  
 Concen: 18.620 ug/l  
 RT: 13.633 min Scan# 1997  
 Delta R.T. 0.006 min  
 Lab File: VN073451.D  
 Acq: 13 Jul 2022 15:58

Tgt Ion:146 Resp: 127741  
 Ion Ratio Lower Upper  
 146 100  
 111 41.9 19.1 57.1  
 148 62.3 31.4 94.3





#89

n-Butylbenzene

Concen: 20.277 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073451.D

Acq: 13 Jul 2022 15:58

Instrument :

MSVOA\_N

ClientSampleId :

VN0713WBS01

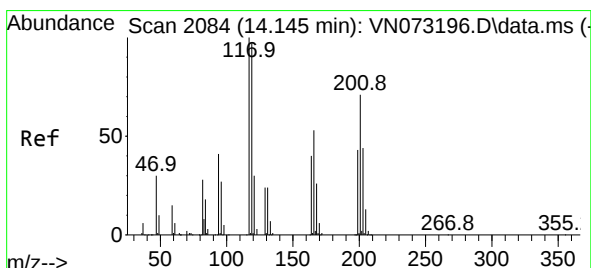
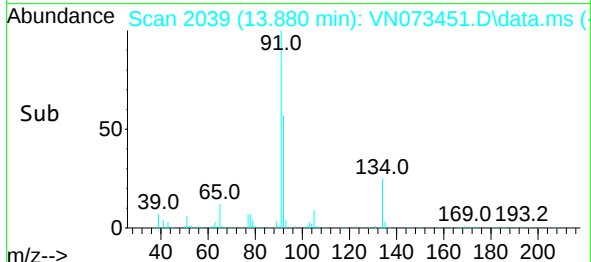
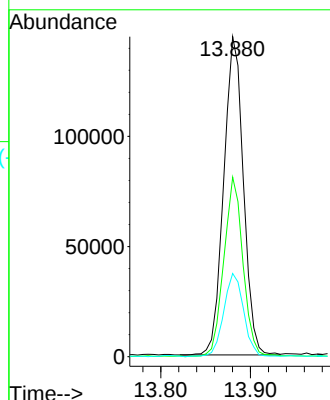
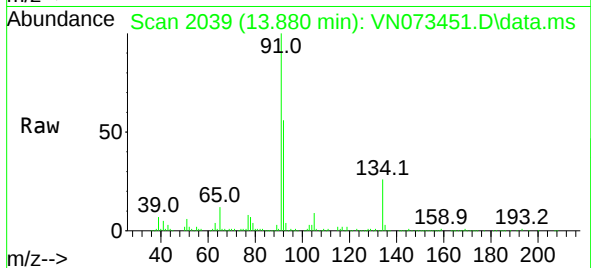
Tgt Ion: 91 Resp: 219862

Ion Ratio Lower Upper

91 100

92 55.4 26.9 80.7

134 26.7 13.6 40.8



#90

Hexachloroethane

Concen: 17.262 ug/l

RT: 14.145 min Scan# 2084

Delta R.T. -0.000 min

Lab File: VN073451.D

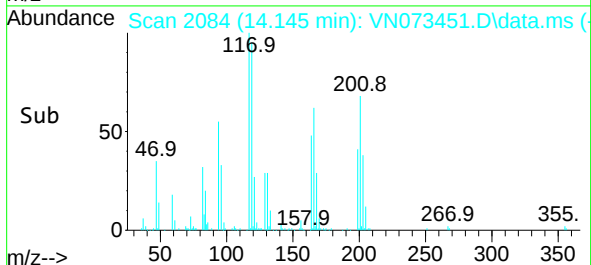
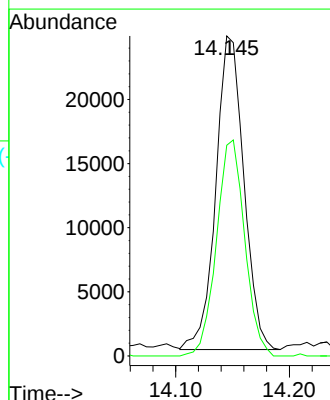
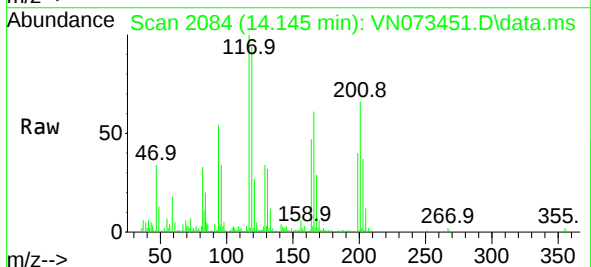
Acq: 13 Jul 2022 15:58

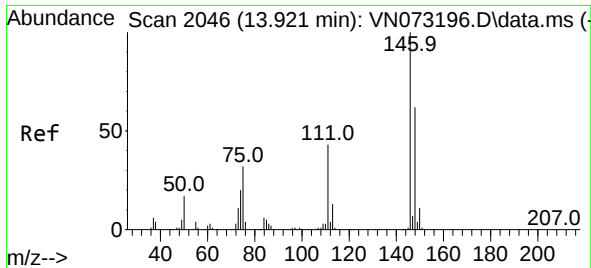
Tgt Ion: 117 Resp: 41860

Ion Ratio Lower Upper

117 100

201 69.3 40.6 122.0

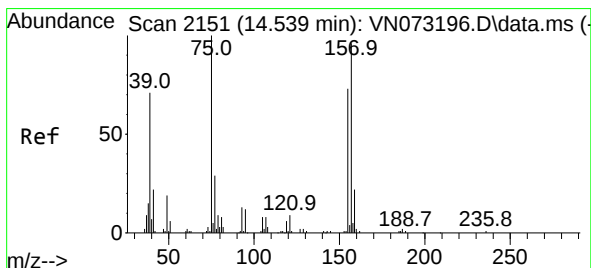
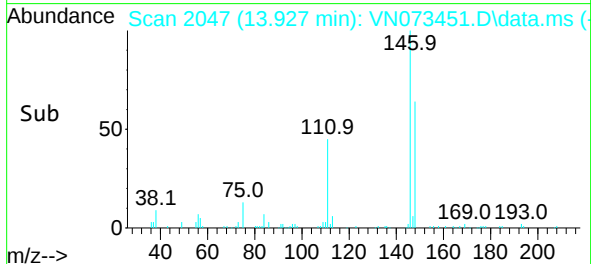
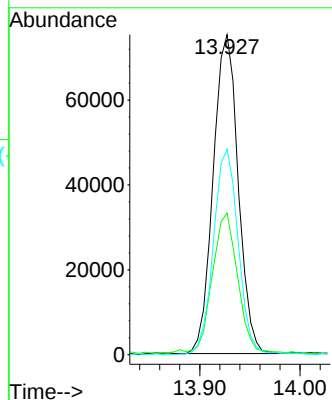
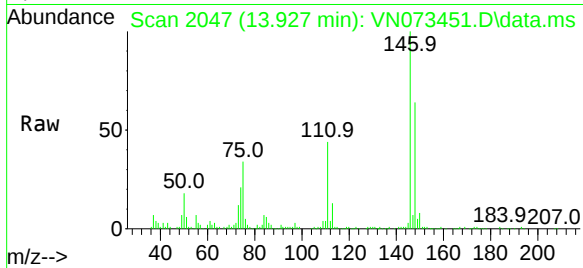




#91  
1,2-Dichlorobenzene  
Concen: 18.665 ug/l  
RT: 13.927 min Scan# 2047  
Delta R.T. 0.006 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

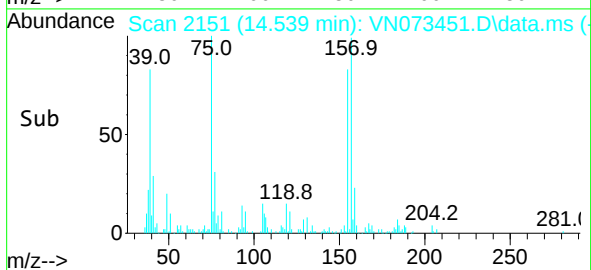
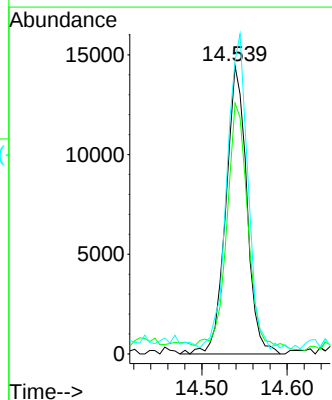
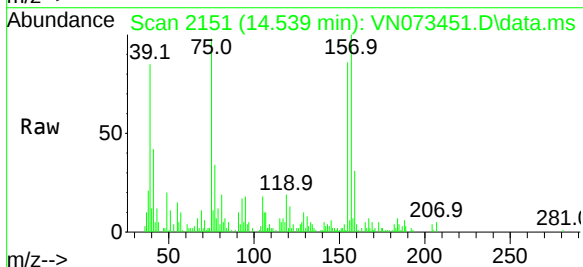
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

Tgt Ion:146 Resp: 130193  
Ion Ratio Lower Upper  
146 100  
111 45.3 20.9 62.8  
148 64.2 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.653 ug/l  
RT: 14.539 min Scan# 2151  
Delta R.T. -0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion: 75 Resp: 24697  
Ion Ratio Lower Upper  
75 100  
155 87.9 44.9 134.5  
157 109.3 59.0 176.8

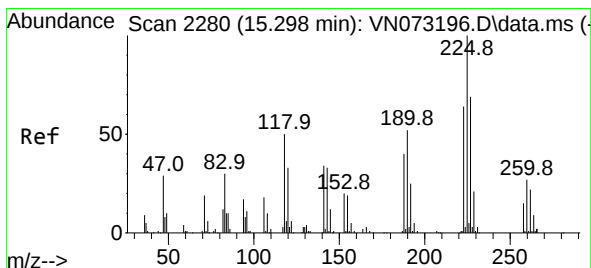
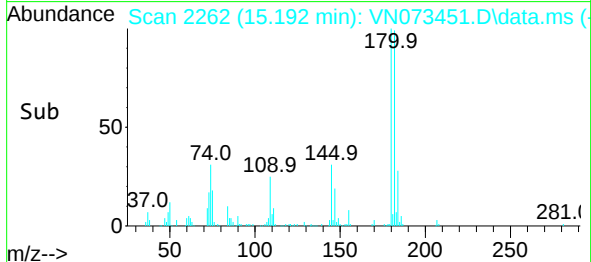
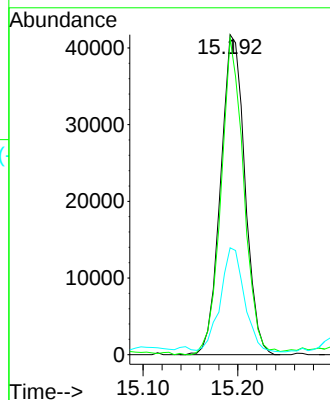
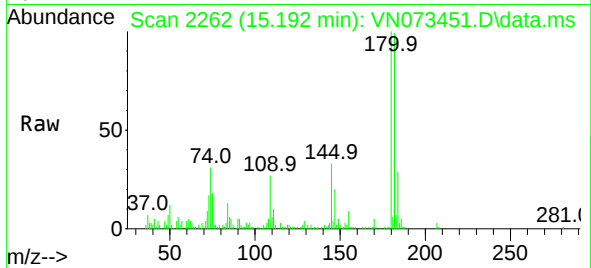




#93  
1,2,4-Trichlorobenzene  
Concen: 20.491 ug/l  
RT: 15.192 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

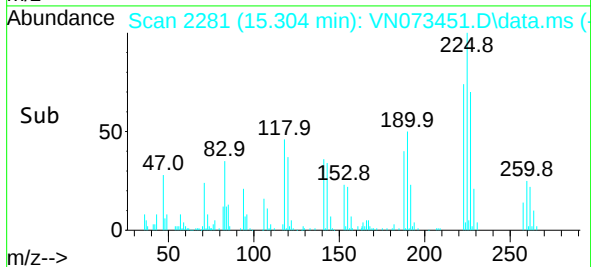
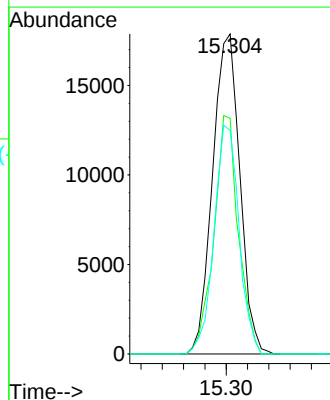
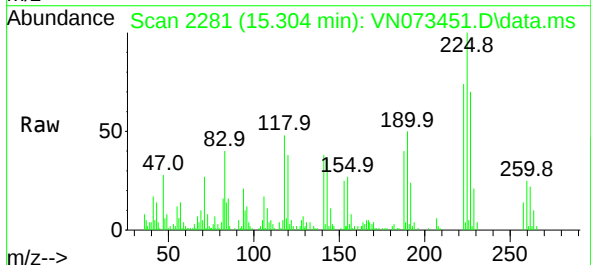
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0713WBS01

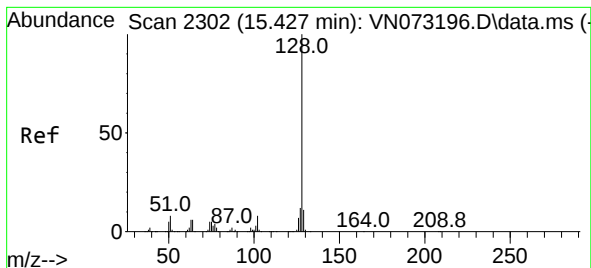
Tgt Ion:180 Resp: 74419  
Ion Ratio Lower Upper  
180 100  
182 92.6 47.5 142.5  
145 32.2 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 19.639 ug/l  
RT: 15.304 min Scan# 2281  
Delta R.T. 0.006 min  
Lab File: VN073451.D  
Acq: 13 Jul 2022 15:58

Tgt Ion:225 Resp: 31707  
Ion Ratio Lower Upper  
225 100  
223 66.8 32.4 97.2  
227 65.5 31.8 95.4





#95

Naphthalene

Concen: 19.888 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073451.D

Acq: 13 Jul 2022 15:58

Instrument :

MSVOA\_N

ClientSampleId :

VN0713WBS01

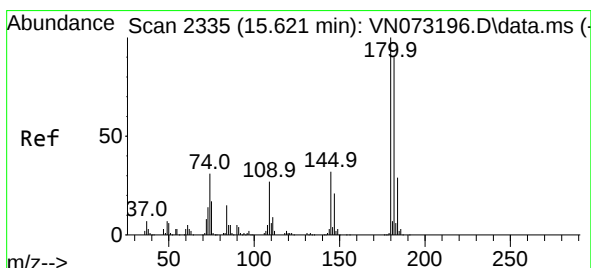
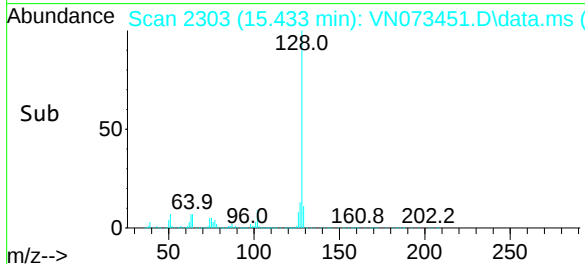
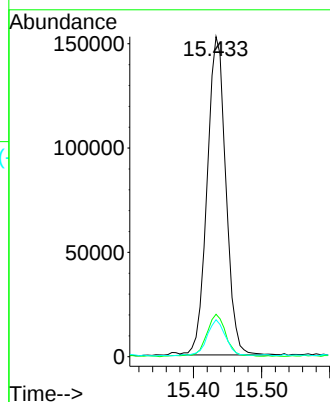
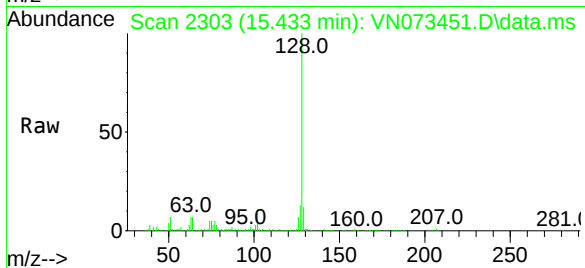
Tgt Ion:128 Resp: 291393

Ion Ratio Lower Upper

128 100

127 14.2 10.3 15.5

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.973 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.006 min

Lab File: VN073451.D

Acq: 13 Jul 2022 15:58

Tgt Ion:180 Resp: 74827

Ion Ratio Lower Upper

180 100

182 97.8 47.8 143.3

145 36.2 15.5 46.5

