

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031822\  
 Data File : VN071386.D  
 Acq On : 18 Mar 2022 20:44  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Mar 19 07:12:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 08 06:52:46 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.081  | 168  | 584599   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.963  | 114  | 954681   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.739 | 117  | 897907   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.669 | 152  | 359207   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.434  | 65    | 388264   | 48.459   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 96.920%  |
| 35) Dibromofluoromethane    | 8.016  | 113   | 298636   | 49.571   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 99.140%  |
| 50) Toluene-d8              | 10.439 | 98    | 1186005  | 48.895   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 97.800%  |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 422443   | 51.432   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 102.860% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.069 | 85  | 256718  | 40.068  | ug/l   | 99  |
| 3) Chloromethane             | 2.299 | 50  | 354001  | 41.149  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.440 | 62  | 341264  | 43.463  | ug/l   | 98  |
| 5) Bromomethane              | 2.822 | 94  | 139815  | 38.503  | ug/l   | 95  |
| 6) Chloroethane              | 2.993 | 64  | 212416  | 44.672  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.363 | 101 | 455907  | 44.114  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.822 | 74  | 204242  | 46.183  | ug/l   | 94  |
| 9) 1,1,2-Trichlorotrifluo... | 4.210 | 101 | 263917  | 44.113  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.416 | 142 | 295770  | 35.002  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.369 | 59  | 403531  | 256.380 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.175 | 96  | 260117  | 44.383  | ug/l   | 95  |
| 13) Acrolein                 | 4.034 | 56  | 343808  | 206.373 | ug/l   | 99  |
| 14) Allyl chloride           | 4.834 | 41  | 568384  | 44.589  | ug/l # | 86  |
| 15) Acrylonitrile            | 5.551 | 53  | 1136989 | 243.281 | ug/l   | 99  |
| 16) Acetone                  | 4.287 | 43  | 952435  | 244.311 | ug/l   | 100 |
| 17) Carbon Disulfide         | 4.528 | 76  | 651080  | 39.021  | ug/l   | 97  |
| 18) Methyl Acetate           | 4.852 | 43  | 530416  | 50.655  | ug/l   | 95  |
| 19) Methyl tert-butyl Ether  | 5.616 | 73  | 1064959 | 48.397  | ug/l   | 98  |
| 20) Methylene Chloride       | 5.093 | 84  | 331068  | 46.492  | ug/l   | 92  |
| 21) trans-1,2-Dichloroethene | 5.593 | 96  | 277518  | 43.290  | ug/l   | 91  |
| 22) Diisopropyl ether        | 6.493 | 45  | 1201271 | 47.835  | ug/l   | 91  |
| 23) Vinyl Acetate            | 6.428 | 43  | 5257254 | 247.281 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.381 | 63  | 615363  | 46.372  | ug/l   | 99  |
| 25) 2-Butanone               | 7.328 | 43  | 1580609 | 251.691 | ug/l   | 95  |
| 26) 2,2-Dichloropropane      | 7.322 | 77  | 442305  | 43.204  | ug/l   | 96  |
| 27) cis-1,2-Dichloroethene   | 7.322 | 96  | 345369  | 45.393  | ug/l   | 89  |
| 28) Bromochloromethane       | 7.657 | 49  | 264649  | 44.784  | ug/l   | 82  |
| 29) Tetrahydrofuran          | 7.681 | 42  | 1071554 | 246.300 | ug/l   | 91  |
| 30) Chloroform               | 7.816 | 83  | 591691  | 46.750  | ug/l   | 100 |
| 31) Cyclohexane              | 8.092 | 56  | 539059  | 42.131  | ug/l   | 93  |
| 32) 1,1,1-Trichloroethane    | 8.010 | 97  | 508280  | 47.146  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.216 | 75  | 432074  | 44.764  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.404 | 43  | 619400  | 46.628  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.204 | 117 | 429525  | 46.006  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.457 | 83  | 511532  | 45.049  | ug/l   | 94  |
| 40) Benzene                  | 8.457 | 78  | 1331633 | 45.789  | ug/l   | 98  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031822\  
 Data File : VN071386.D  
 Acq On : 18 Mar 2022 20:44  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Mar 19 07:12:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 08 06:52:46 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.634  | 41   | 293641   | 45.169   | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 8.528  | 62   | 488220   | 48.243   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.557  | 43   | 971811   | 48.921   | ug/l   | 96       |
| 44) Trichloroethene           | 9.216  | 130  | 315166   | 45.930   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.487  | 63   | 369974   | 47.391   | ug/l   | 100      |
| 46) Dibromomethane            | 9.575  | 93   | 225621   | 46.955   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.757  | 83   | 471806   | 48.587   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.557  | 41   | 461324   | 50.112   | ug/l # | 83       |
| 49) 1,4-Dioxane               | 9.563  | 88   | 169143   | 1057.029 | ug/l   | 86       |
| 51) 4-Methyl-2-Pentanone      | 10.328 | 43   | 3211912  | 260.530  | ug/l   | 100      |
| 52) Toluene                   | 10.504 | 92   | 850500   | 47.493   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.716 | 75   | 517901   | 48.383   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.186 | 75   | 563696   | 48.196   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.898 | 97   | 340600   | 47.464   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.757 | 69   | 598431   | 51.066   | ug/l   | 89       |
| 57) 1,3-Dichloropropane       | 11.039 | 76   | 613861   | 47.658   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.039 | 63   | 938888   | 366.704  | ug/l   | 94       |
| 59) 2-Hexanone                | 11.081 | 43   | 2369037  | 281.634  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.233 | 129  | 360378   | 50.544   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.339 | 107  | 349330   | 47.631   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.975 | 164  | 273205   | 43.627   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.769 | 112  | 897754   | 46.556   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.839 | 131  | 335569   | 47.460   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.839 | 91   | 1650238  | 48.401   | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.951 | 106  | 1222288  | 97.996   | ug/l   | 97       |
| 69) o-Xylene                  | 12.275 | 106  | 615452   | 49.225   | ug/l   | 97       |
| 70) Styrene                   | 12.292 | 104  | 1002914  | 51.821   | ug/l   | 97       |
| 71) Bromoform                 | 12.457 | 173  | 278172   | 51.805   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.575 | 105  | 1596797  | 46.114   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.386 | 43   | 687226   | 52.784   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.822 | 83   | 541969   | 52.814   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.875 | 75   | 682352   | 80.074   | ug/l   | 68       |
| 77) Bromobenzene              | 12.857 | 156  | 372484   | 46.131   | ug/l   | 80       |
| 78) n-propylbenzene           | 12.916 | 91   | 1781246  | 47.938   | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.004 | 91   | 1088859  | 45.650   | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 1278937  | 47.474   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.622 | 75   | 166597   | 50.136   | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 13.104 | 91   | 1000020  | 47.069   | ug/l   | 95       |
| 83) tert-Butylbenzene         | 13.322 | 119  | 1159465  | 48.227   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 1259877  | 48.825   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.498 | 105  | 1576792  | 49.343   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 1257431  | 50.035   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.610 | 146  | 596044   | 45.431   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.692 | 146  | 571103   | 44.532   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.939 | 91   | 974905   | 49.598   | ug/l   | 97       |
| 90) Hexachloroethane          | 14.210 | 117  | 236639   | 47.350   | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 579571   | 45.949   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 101277   | 50.268   | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 15.257 | 180  | 277114   | 47.248   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.368 | 225  | 156806   | 44.284   | ug/l   | 99       |
| 95) Naphthalene               | 15.504 | 128  | 880521   | 53.120   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.698 | 180  | 281155   | 49.863   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031822\  
Data File : VN071386.D  
Acq On : 18 Mar 2022 20:44  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

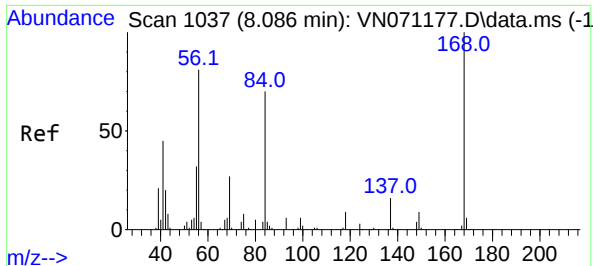
Quant Time: Mar 19 07:12:43 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030722W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 08 06:52:46 2022  
Response via : Initial Calibration

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

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

Quant Time: Mar 19 07:12:43 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030722W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 08 06:52:46 2022  
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 10

Delta R.T. -0.005 min

Lab File: VN071386.D

Acq: 18 Mar 2022 20:44

Instrument :

MSVOA\_N

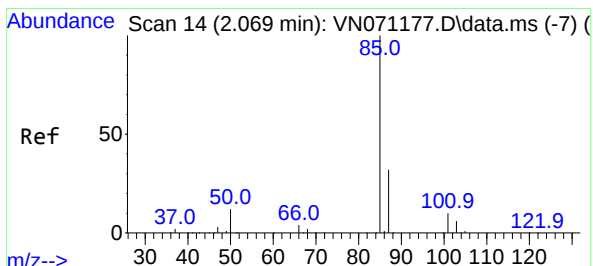
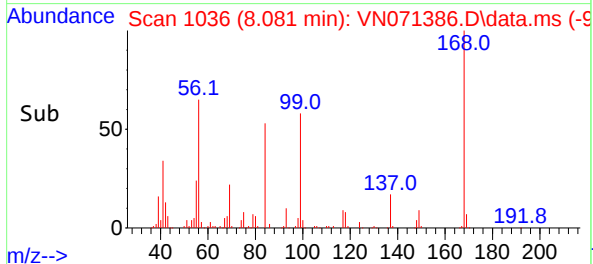
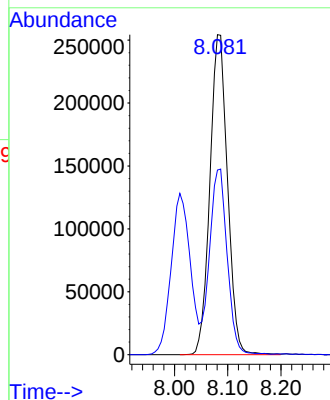
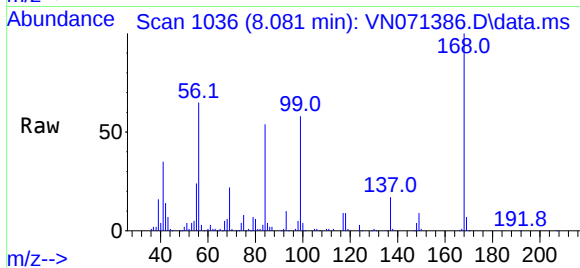
ClientSampleId :

Tgt Ion:168 Resp: 584599

Ion Ratio Lower Upper

168 100

99 57.5 41.3 61.9



Dichlorodifluoromethane

Concen: 40.068 ug/l

RT: 2.069 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN071386.D

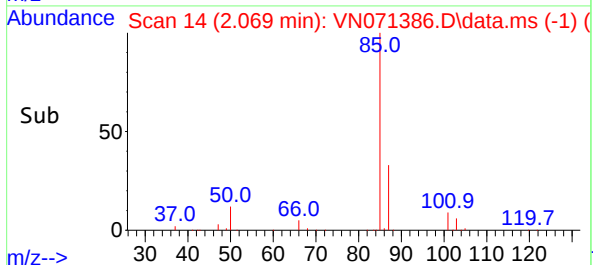
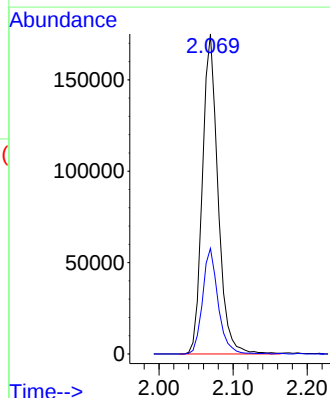
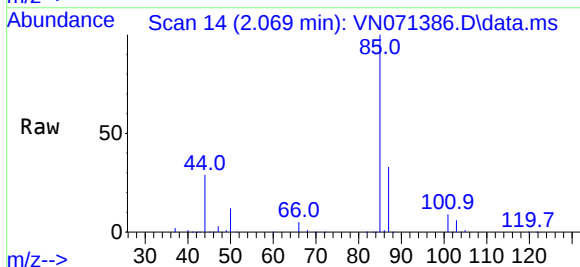
Acq: 18 Mar 2022 20:44

Tgt Ion: 85 Resp: 256718

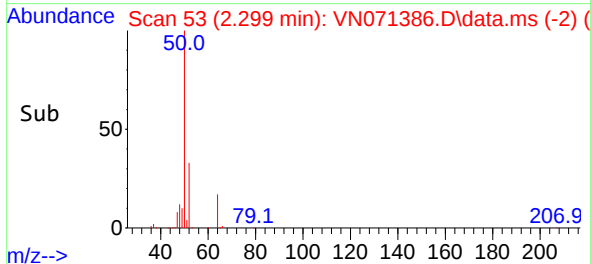
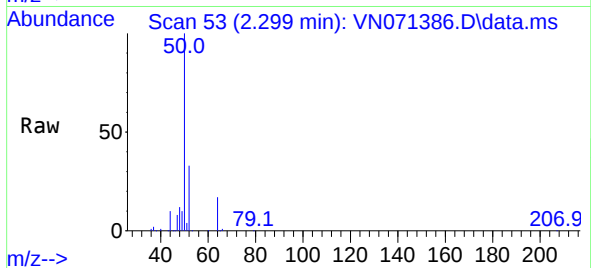
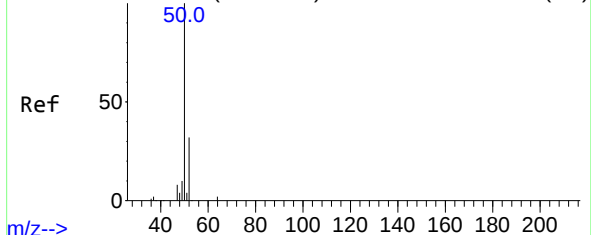
Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.9



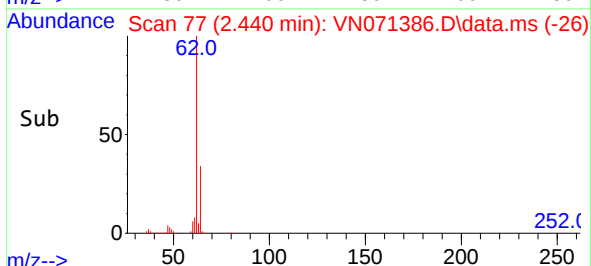
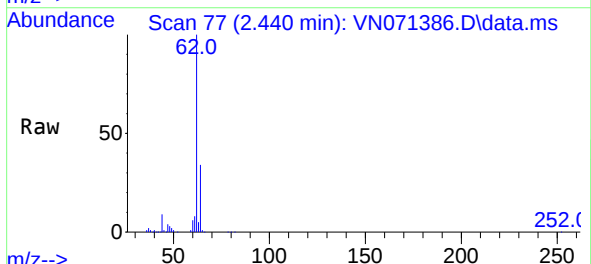
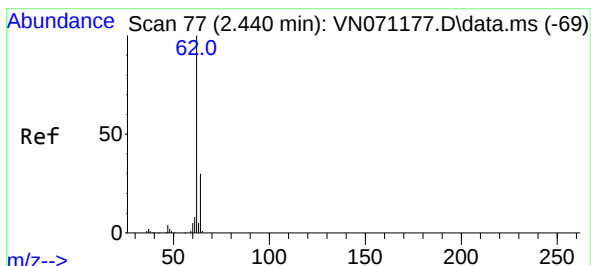
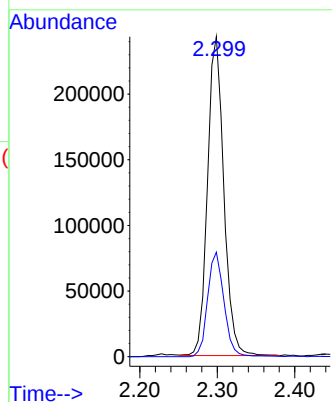
Abundance Scan 53 (2.299 min): VN071177.D\data.ms (-44)



#3  
Chloromethane  
Concen: 41.149 ug/l  
RT: 2.299 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

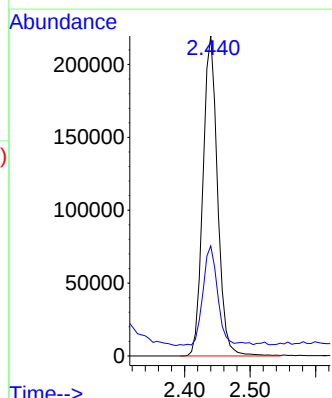
Instrument :  
MSVOA\_N  
ClientSampleId :

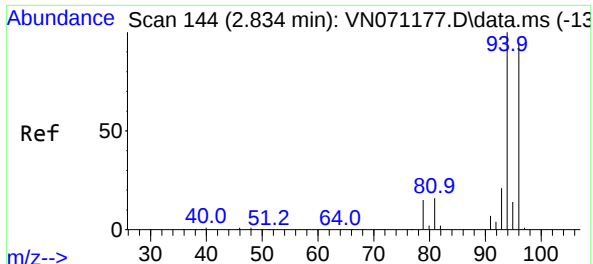
Tgt Ion: 50 Resp: 354001  
Ion Ratio Lower Upper  
50 100  
52 32.8 25.4 38.0



#4  
Vinyl Chloride  
Concen: 43.463 ug/l  
RT: 2.440 min Scan# 77  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion: 62 Resp: 341264  
Ion Ratio Lower Upper  
62 100  
64 30.8 25.8 38.6

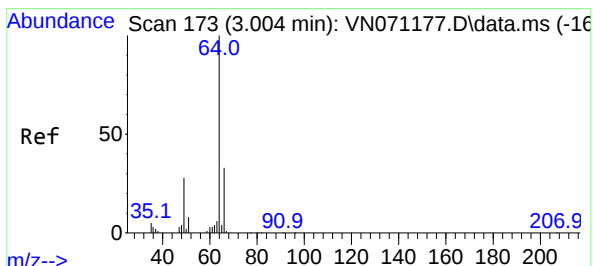
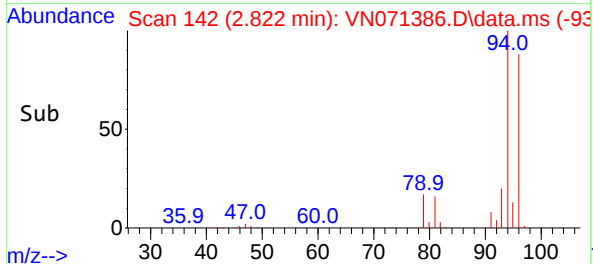
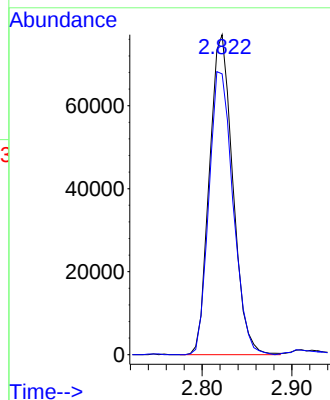
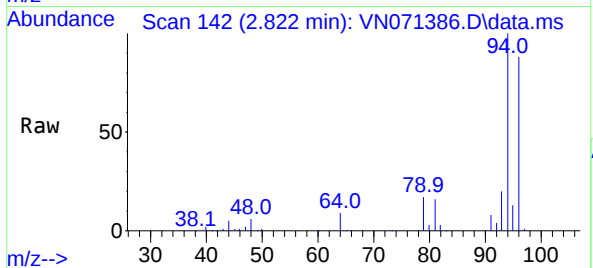




#5  
Bromomethane  
Concen: 38.503 ug/l  
RT: 2.822 min Scan# 14  
Delta R.T. -0.012 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

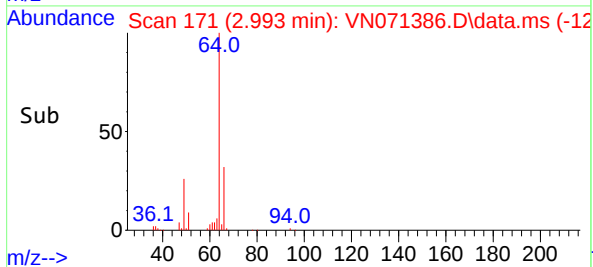
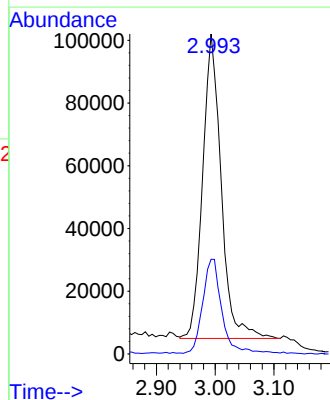
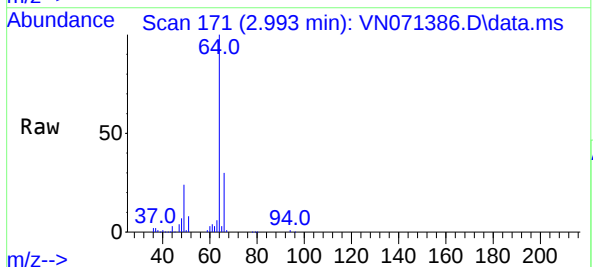
Instrument :  
MSVOA\_N  
ClientSampleId :

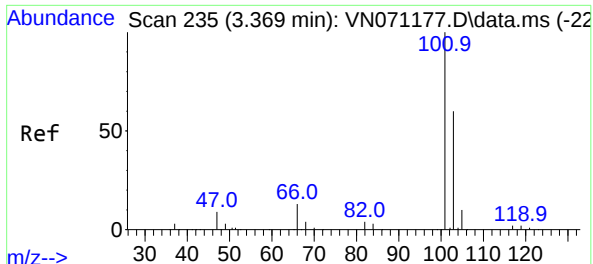
Tgt Ion: 94 Resp: 139815  
Ion Ratio Lower Upper  
94 100  
96 87.8 73.8 110.8



#6  
Chloroethane  
Concen: 44.672 ug/l  
RT: 2.993 min Scan# 171  
Delta R.T. -0.011 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion: 64 Resp: 212416  
Ion Ratio Lower Upper  
64 100  
66 30.8 26.3 39.5

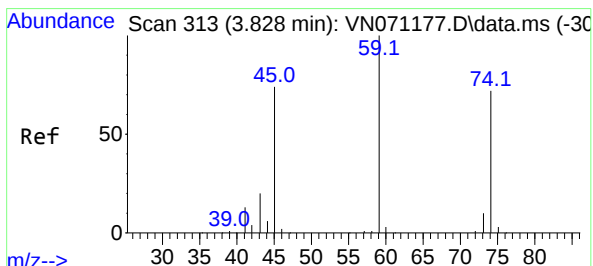
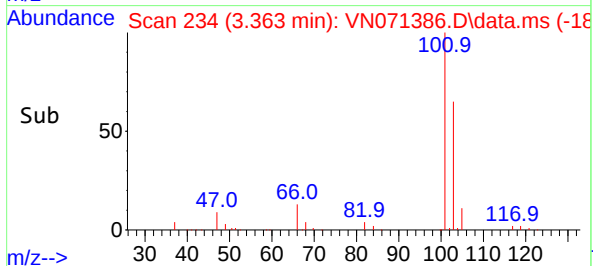
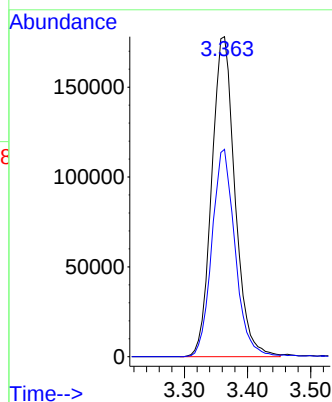
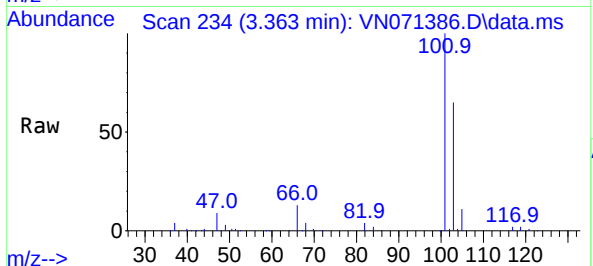




#7  
 Trichlorofluoromethane  
 Concen: 44.114 ug/l  
 RT: 3.363 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VN071386.D  
 Acq: 18 Mar 2022 20:44

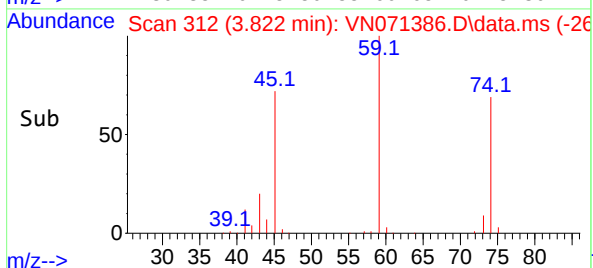
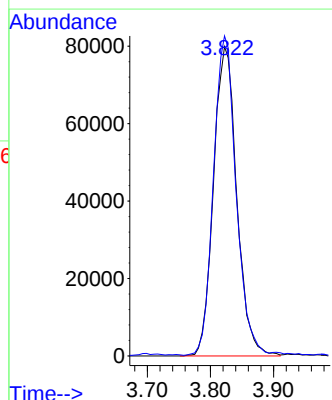
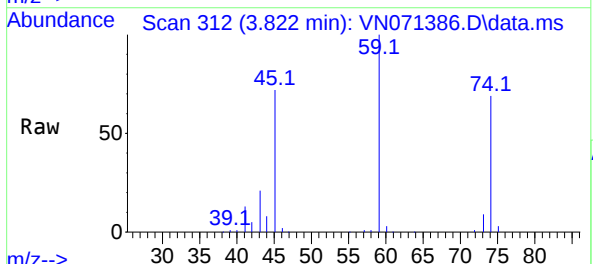
Instrument :  
 MSVOA\_N  
 ClientSampleId :

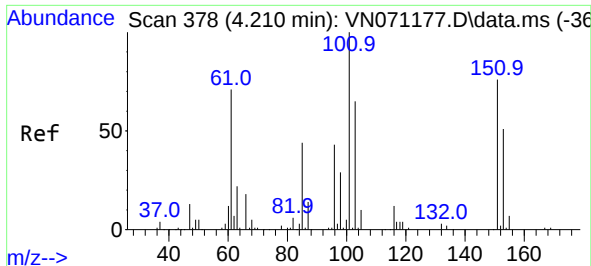
Tgt Ion:101 Resp: 455907  
 Ion Ratio Lower Upper  
 101 100  
 103 64.8 50.1 75.1



#8  
 Diethyl Ether  
 Concen: 46.183 ug/l  
 RT: 3.822 min Scan# 312  
 Delta R.T. -0.006 min  
 Lab File: VN071386.D  
 Acq: 18 Mar 2022 20:44

Tgt Ion: 74 Resp: 204242  
 Ion Ratio Lower Upper  
 74 100  
 45 100.3 47.0 141.2

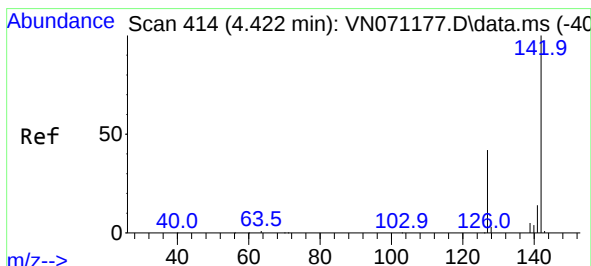
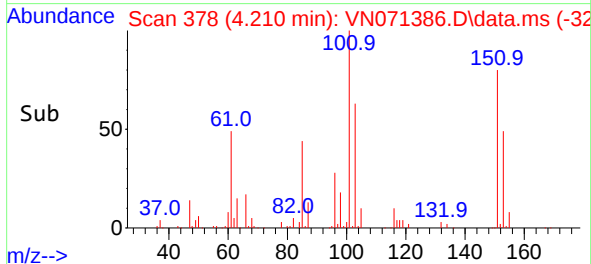
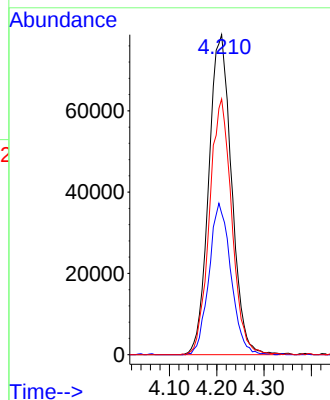
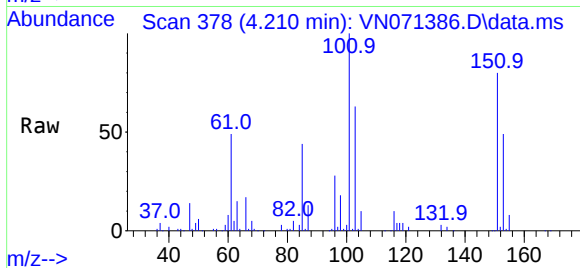




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 44.113 ug/l  
RT: 4.210 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

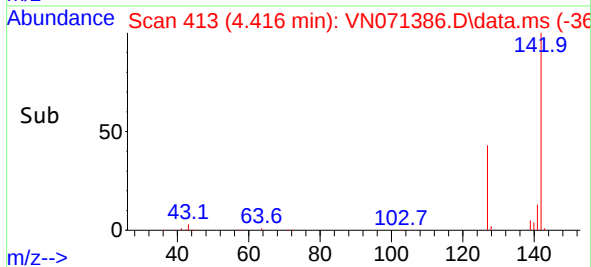
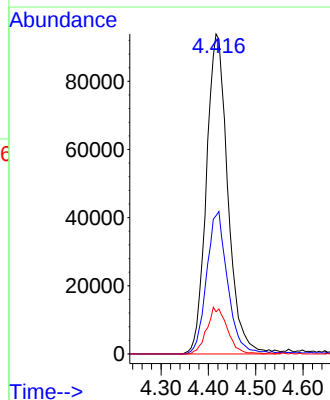
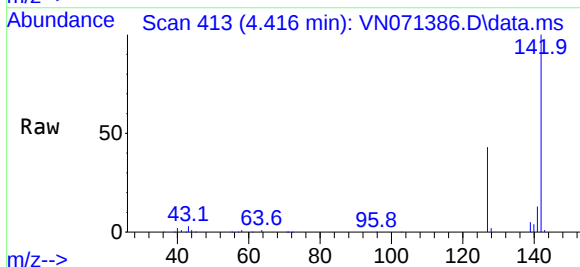
Instrument :  
MSVOA\_N  
ClientSampleId :

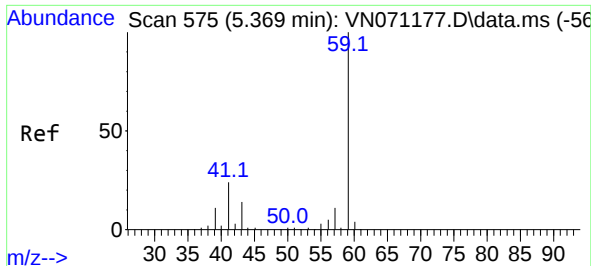
Tgt Ion:101 Resp: 263917  
Ion Ratio Lower Upper  
101 100  
85 45.5 37.2 55.8  
151 78.2 65.9 98.9



#10  
Methyl Iodide  
Concen: 35.002 ug/l  
RT: 4.416 min Scan# 413  
Delta R.T. -0.006 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion:142 Resp: 295770  
Ion Ratio Lower Upper  
142 100  
127 43.7 35.4 53.0  
141 13.9 11.6 17.4

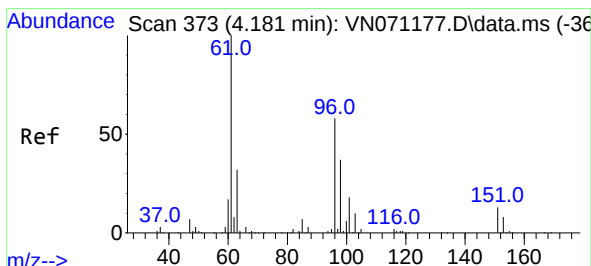
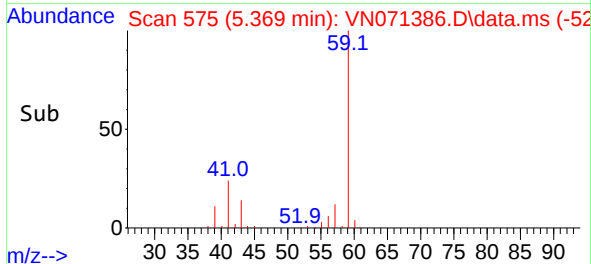
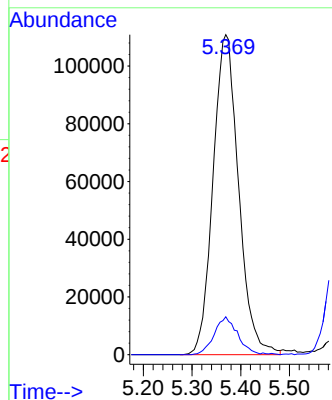
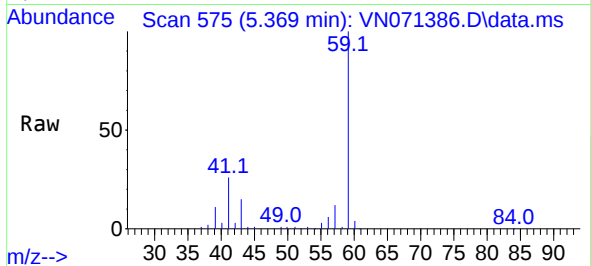




#11  
Tert butyl alcohol  
Concen: 256.380 ug/l  
RT: 5.369 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

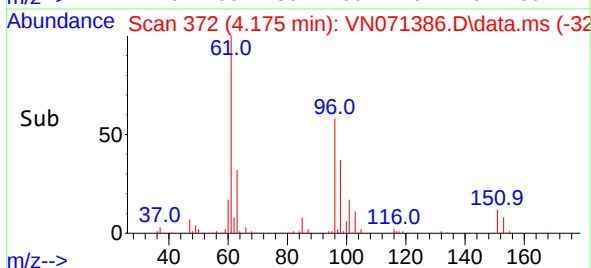
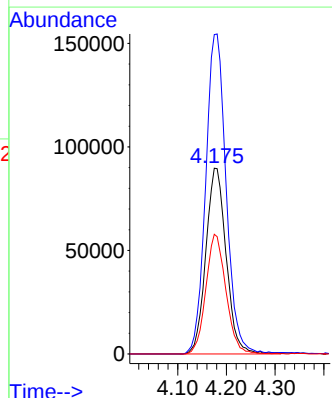
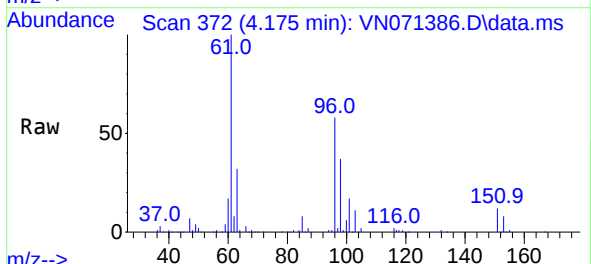
Instrument :  
MSVOA\_N  
ClientSampleId :

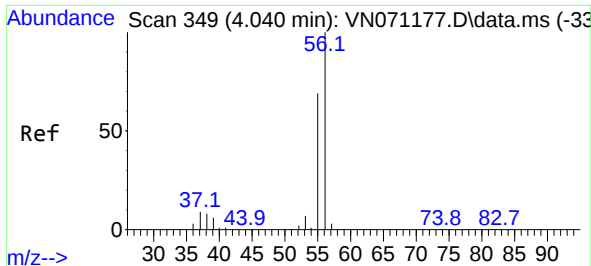
Tgt Ion: 59 Resp: 403531  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 44.383 ug/l  
RT: 4.175 min Scan# 372  
Delta R.T. -0.006 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion: 96 Resp: 260117  
Ion Ratio Lower Upper  
96 100  
61 171.9 131.0 196.6  
98 64.5 52.4 78.6

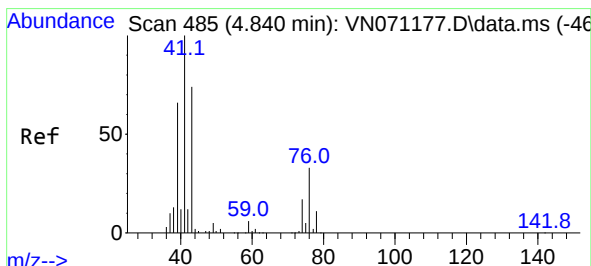
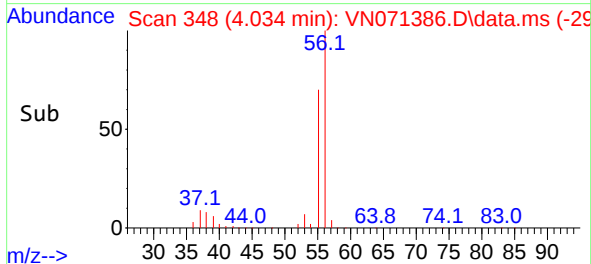
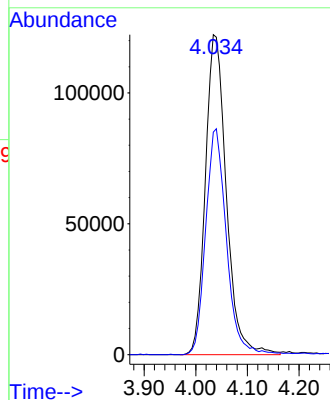
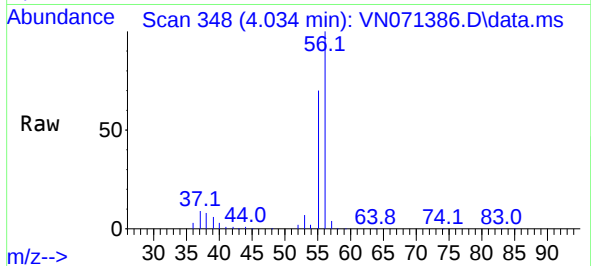




#13  
Acrolein  
Concen: 206.373 ug/l  
RT: 4.034 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

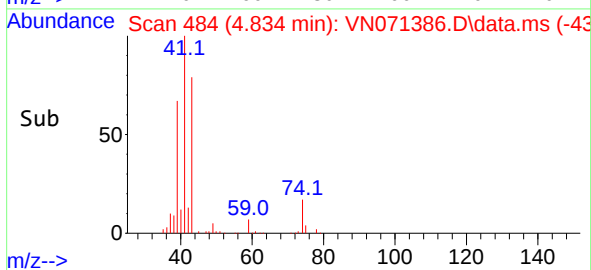
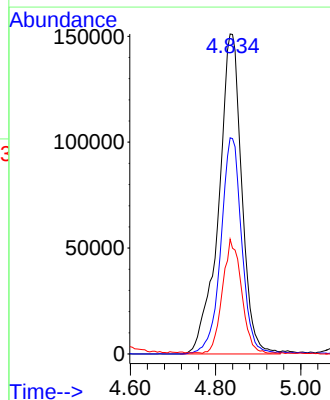
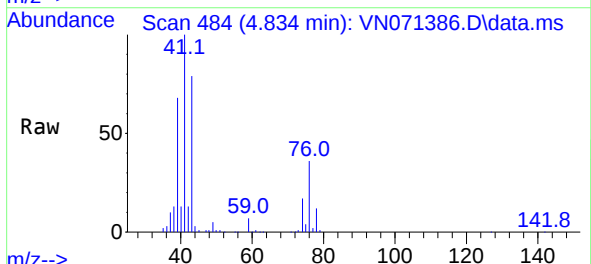
Instrument :  
MSVOA\_N  
ClientSampleId :

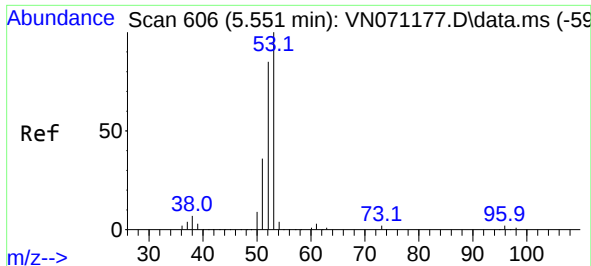
Tgt Ion: 56 Resp: 343808  
Ion Ratio Lower Upper  
56 100  
55 70.1 56.6 85.0



#14  
Allyl chloride  
Concen: 44.589 ug/l  
RT: 4.834 min Scan# 484  
Delta R.T. -0.006 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

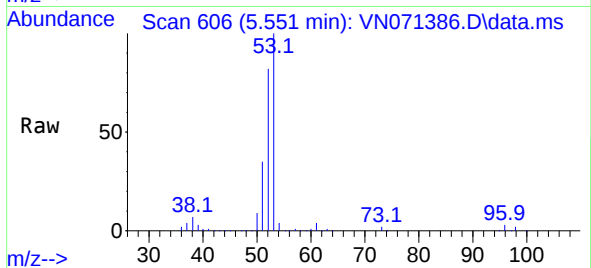
Tgt Ion: 41 Resp: 568384  
Ion Ratio Lower Upper  
41 100  
39 61.0 61.2 91.8#  
76 29.3 26.0 39.0





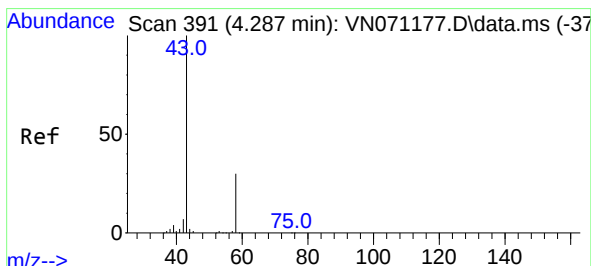
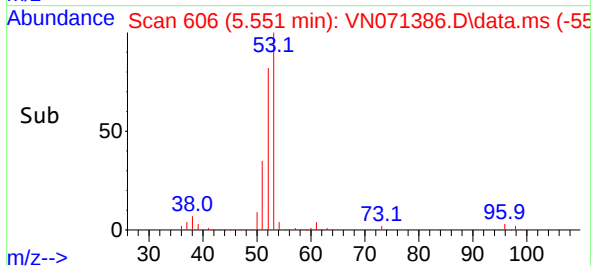
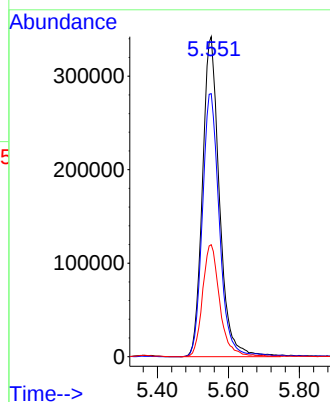
#15  
Acrylonitrile  
Concen: 243.281 ug/l  
RT: 5.551 min Scan# 606  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 53 Resp: 1136989

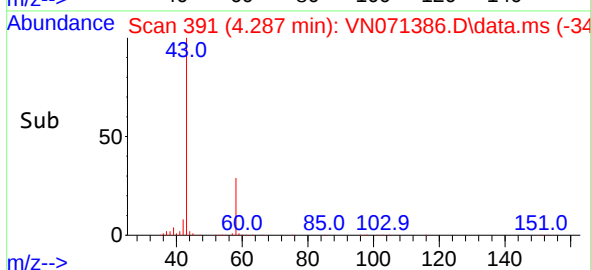
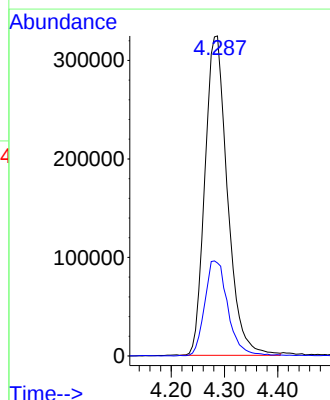
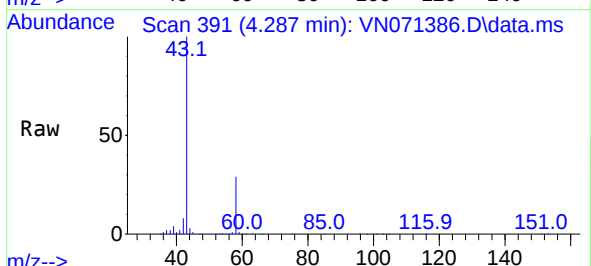
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.4  | 66.2  | 99.2  |
| 51  | 35.7  | 29.6  | 44.4  |

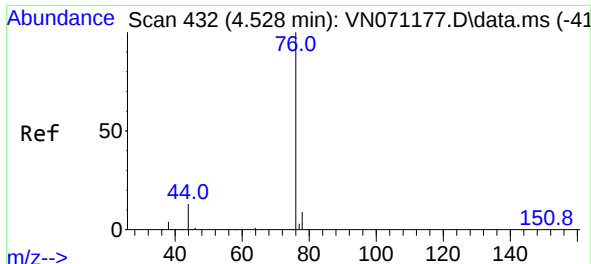


#16  
Acetone  
Concen: 244.311 ug/l  
RT: 4.287 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion: 43 Resp: 952435

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 29.0  | 23.1  | 34.7  |

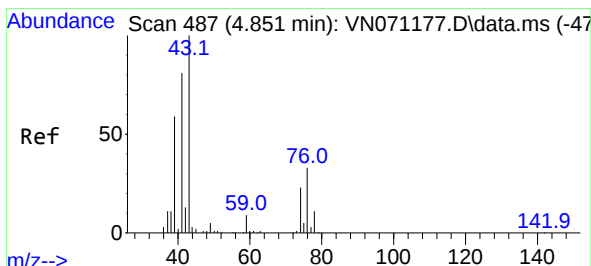
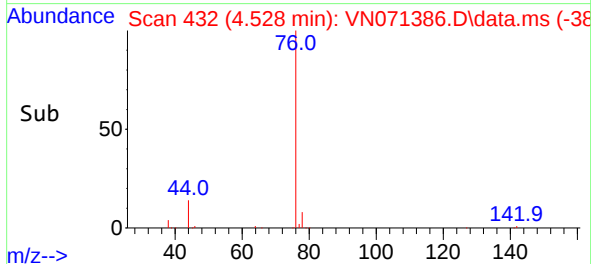
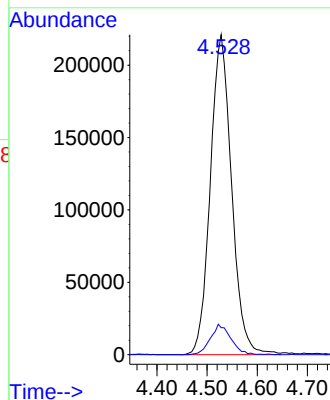
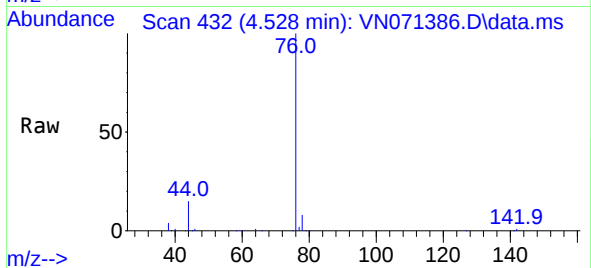




#17  
Carbon Disulfide  
Concen: 39.021 ug/l  
RT: 4.528 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

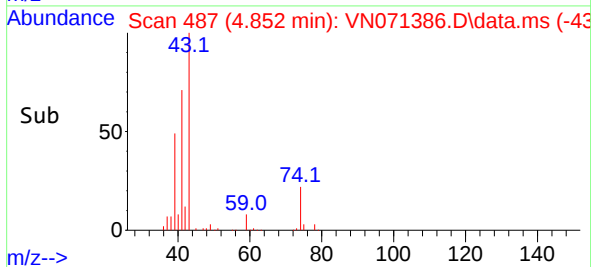
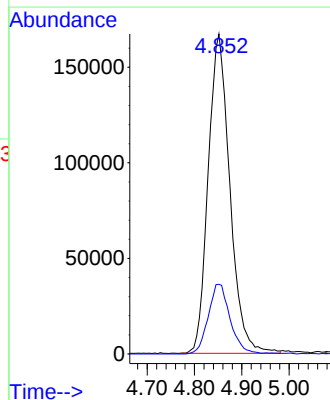
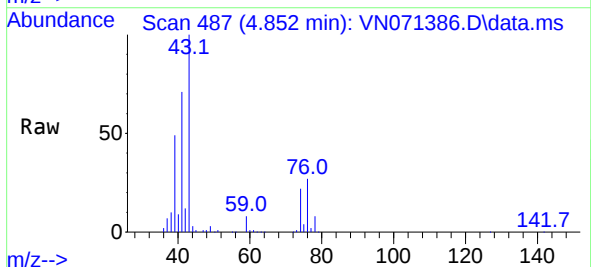
Instrument :  
MSVOA\_N  
ClientSampleId :

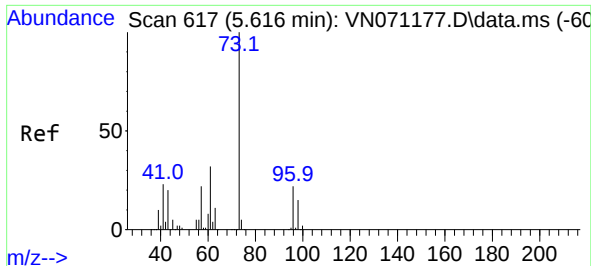
Tgt Ion: 76 Resp: 651080  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.5 11.3



#18  
Methyl Acetate  
Concen: 50.655 ug/l  
RT: 4.852 min Scan# 487  
Delta R.T. 0.001 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion: 43 Resp: 530416  
Ion Ratio Lower Upper  
43 100  
74 22.0 19.4 29.2

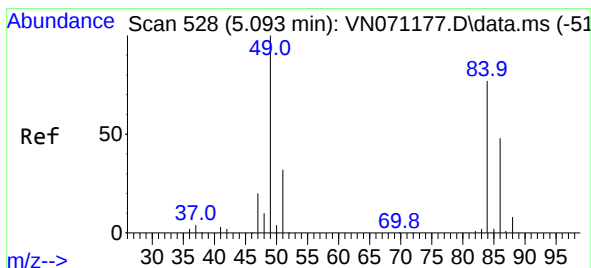
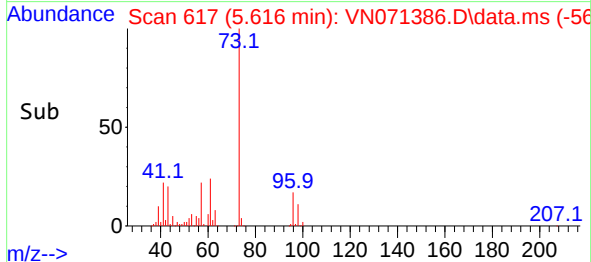
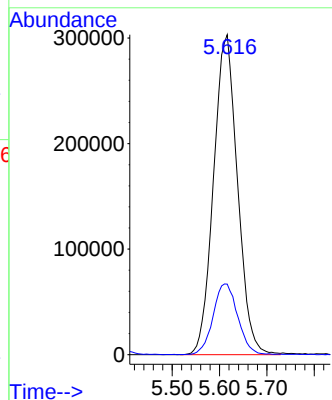
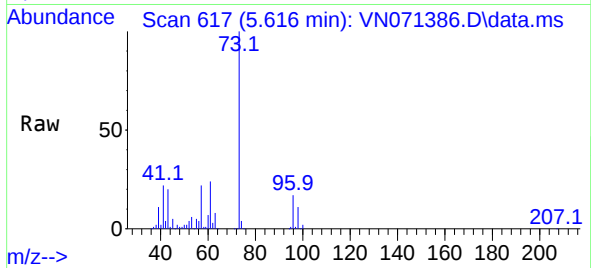




#19  
Methyl tert-butyl Ether  
Concen: 48.397 ug/l  
RT: 5.616 min Scan# 617  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

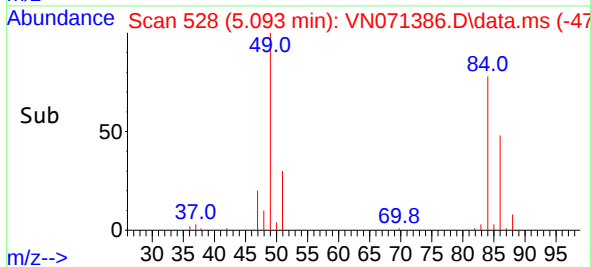
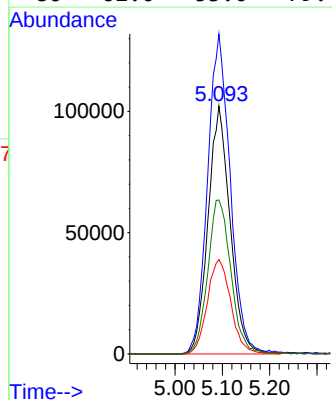
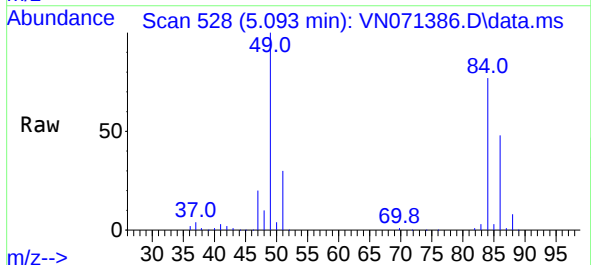
Instrument :  
MSVOA\_N  
ClientSampleId :

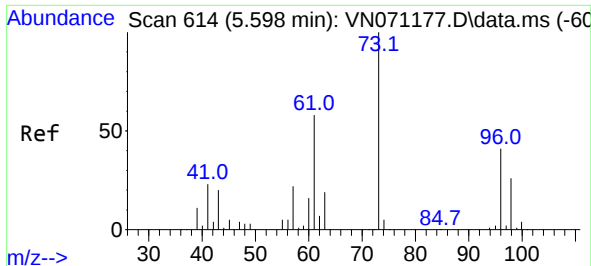
Tgt Ion: 73 Resp: 1064959  
Ion Ratio Lower Upper  
73 100  
57 22.0 16.8 25.2



#20  
Methylene Chloride  
Concen: 46.492 ug/l  
RT: 5.093 min Scan# 528  
Delta R.T. -0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

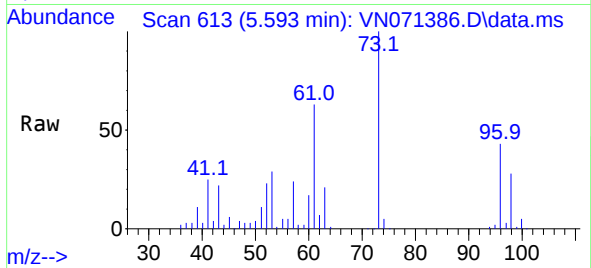
Tgt Ion: 84 Resp: 331068  
Ion Ratio Lower Upper  
84 100  
49 129.0 93.5 140.3  
51 38.1 29.4 44.2  
86 62.0 53.0 79.4



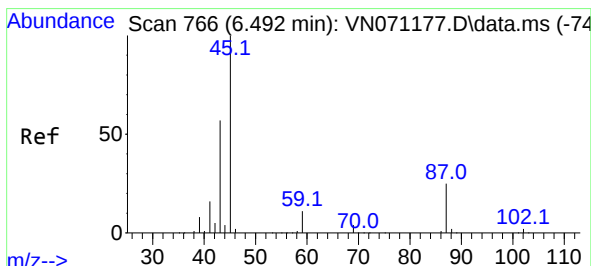
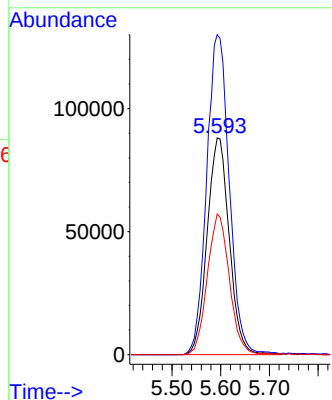
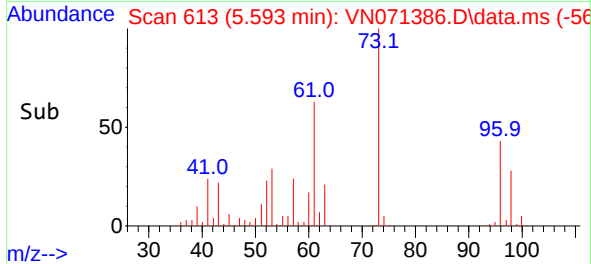


#21  
trans-1,2-Dichloroethene  
Concen: 43.290 ug/l  
RT: 5.593 min Scan# 614  
Delta R.T. -0.006 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Instrument :  
MSVOA\_N  
ClientSampleId :

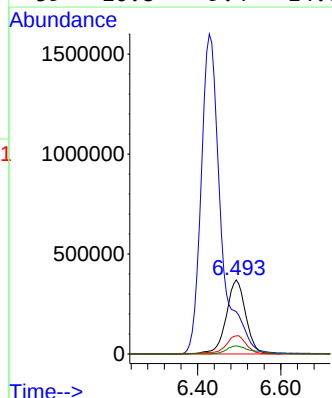
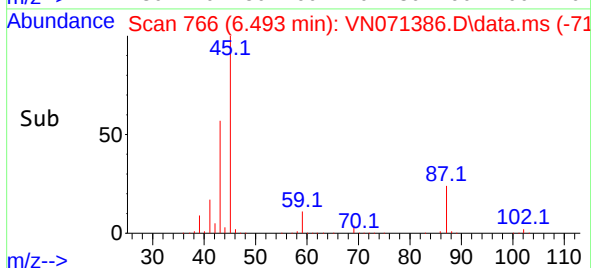
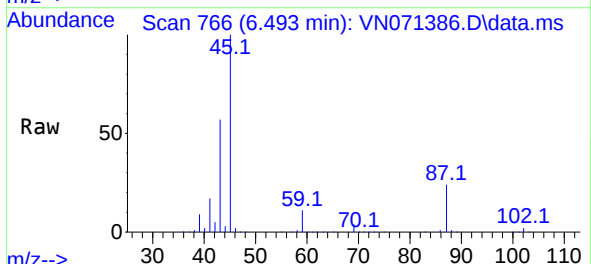


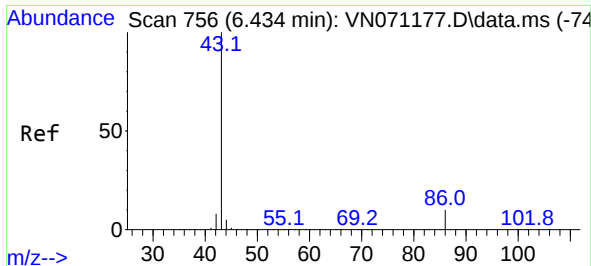
Tgt Ion: 96 Resp: 277518  
Ion Ratio Lower Upper  
96 100  
61 147.4 105.8 158.6  
98 64.8 52.0 78.0



#22  
Diisopropyl ether  
Concen: 47.835 ug/l  
RT: 6.493 min Scan# 766  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion: 45 Resp: 1201271  
Ion Ratio Lower Upper  
45 100  
43 56.8 51.7 77.5  
87 24.2 23.2 34.8  
59 10.8 9.4 14.0

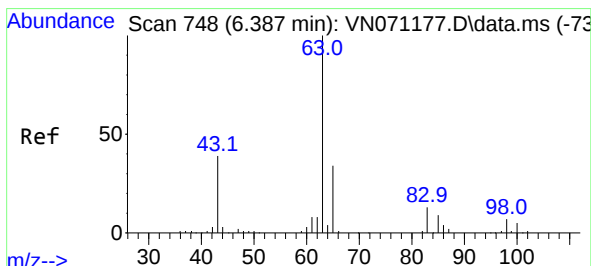
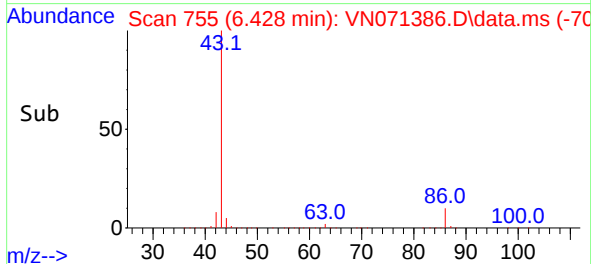
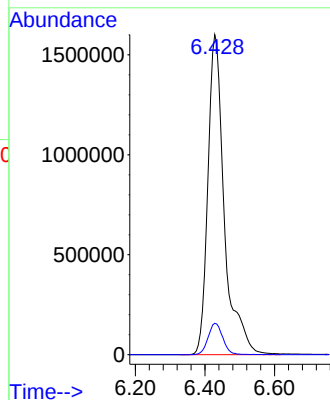
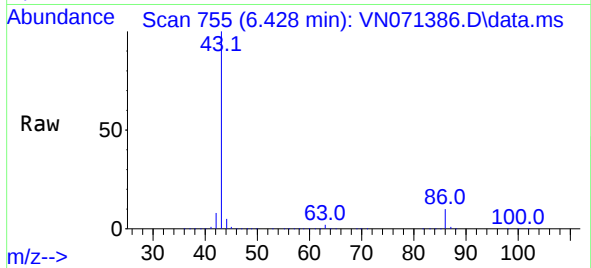




#23  
 Vinyl Acetate  
 Concen: 247.281 ug/l  
 RT: 6.428 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: VN071386.D  
 Acq: 18 Mar 2022 20:44

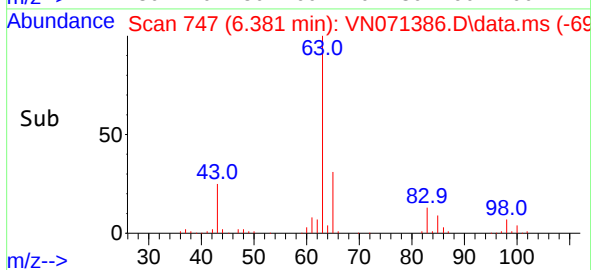
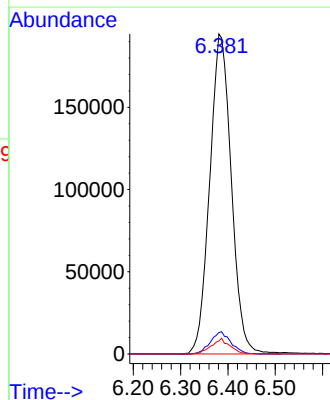
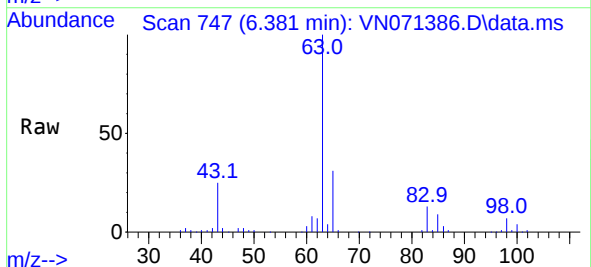
Instrument :  
 MSVOA\_N  
 ClientSampleId :

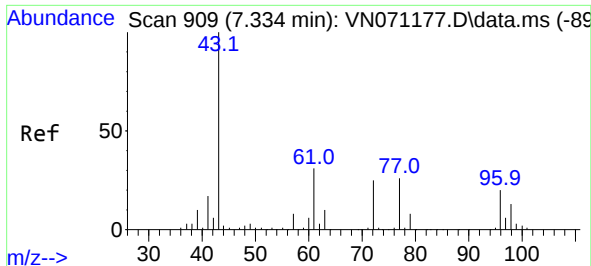
Tgt Ion: 43 Resp: 5257254  
 Ion Ratio Lower Upper  
 43 100  
 86 9.8 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 46.372 ug/l  
 RT: 6.381 min Scan# 747  
 Delta R.T. -0.006 min  
 Lab File: VN071386.D  
 Acq: 18 Mar 2022 20:44

Tgt Ion: 63 Resp: 615363  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.3 9.9  
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 251.691 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.006 min

Lab File: VN071386.D

Acq: 18 Mar 2022 20:44

Instrument :

MSVOA\_N

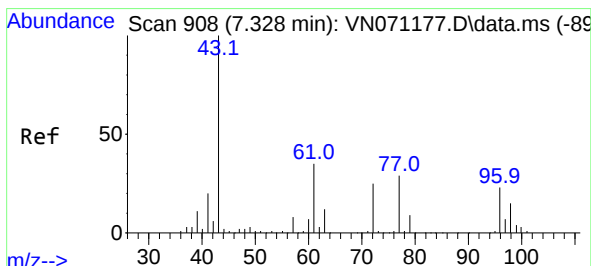
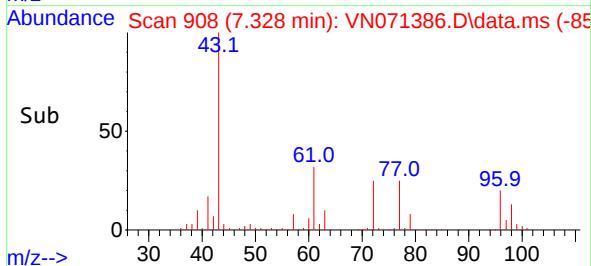
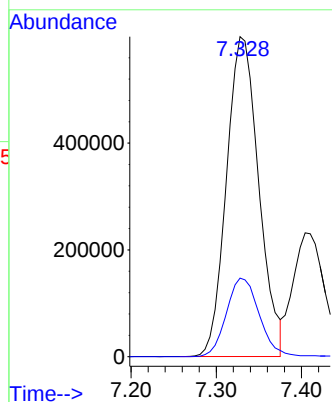
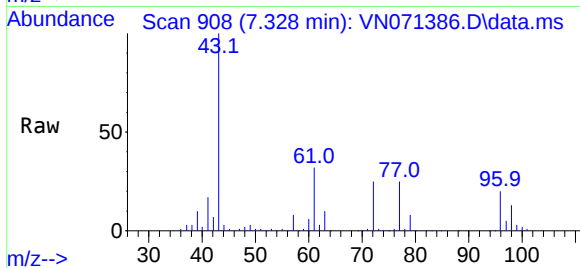
ClientSampleId :

Tgt Ion: 43 Resp: 1580609

Ion Ratio Lower Upper

43 100

72 24.5 21.7 32.5



#26

2,2-Dichloropropane

Concen: 43.204 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.006 min

Lab File: VN071386.D

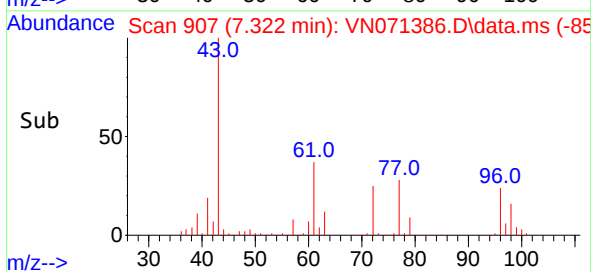
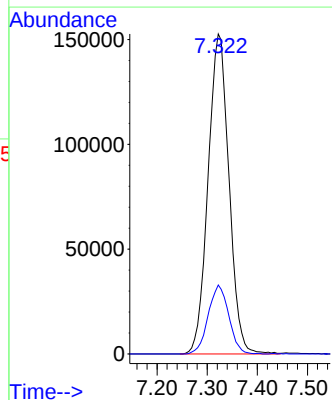
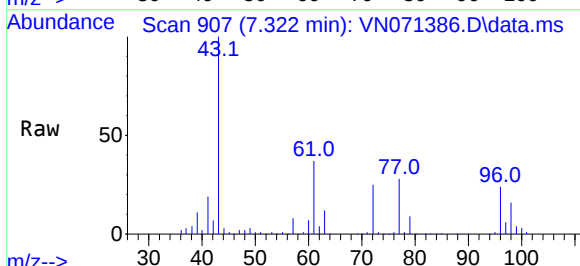
Acq: 18 Mar 2022 20:44

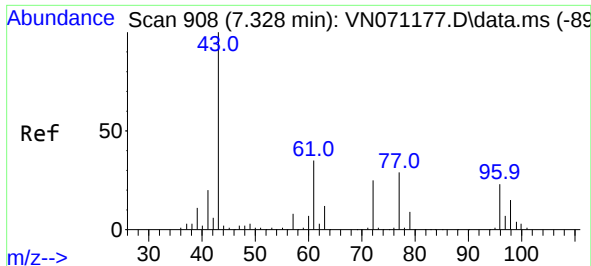
Tgt Ion: 77 Resp: 442305

Ion Ratio Lower Upper

77 100

97 21.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 45.393 ug/l

RT: 7.322 min Scan# 908

Delta R.T. -0.006 min

Lab File: VN071386.D

Acq: 18 Mar 2022 20:44

Instrument :

MSVOA\_N

ClientSampleId :

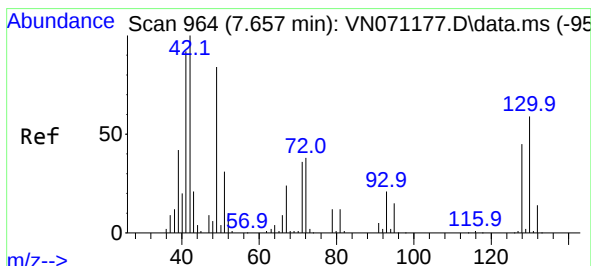
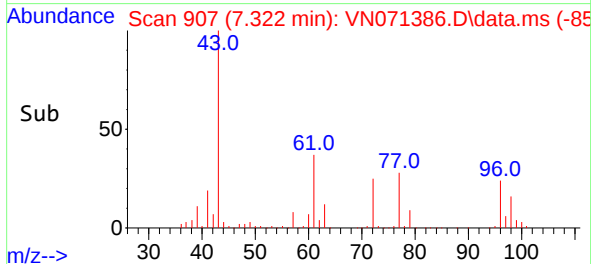
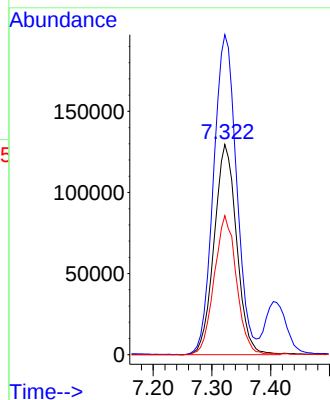
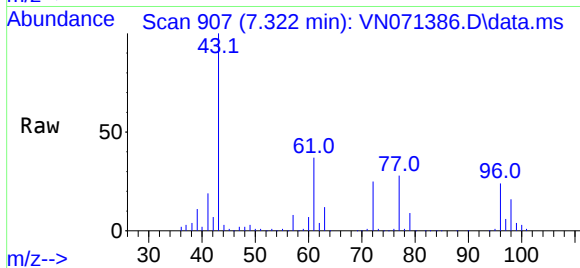
Tgt Ion: 96 Resp: 345369

Ion Ratio Lower Upper

96 100

61 155.6 0.0 275.0

98 65.6 0.0 129.6



#28

Bromochloromethane

Concen: 44.784 ug/l

RT: 7.657 min Scan# 964

Delta R.T. 0.000 min

Lab File: VN071386.D

Acq: 18 Mar 2022 20:44

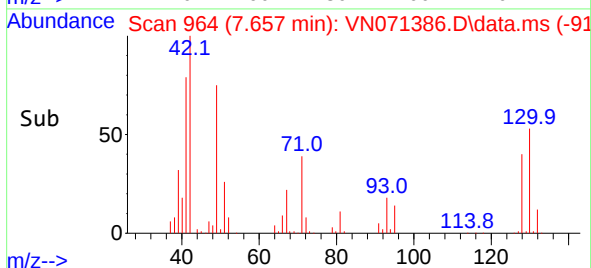
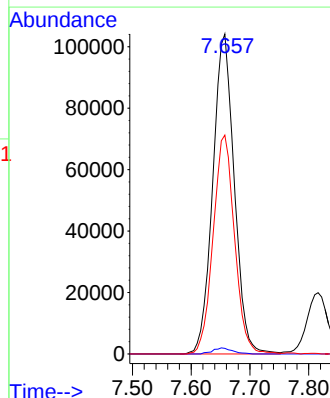
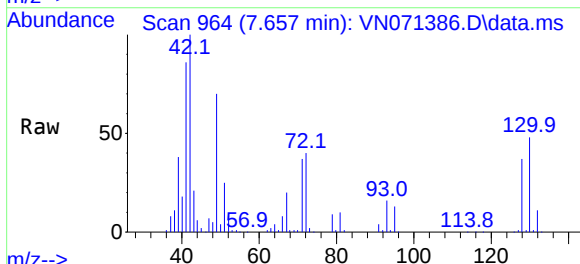
Tgt Ion: 49 Resp: 264649

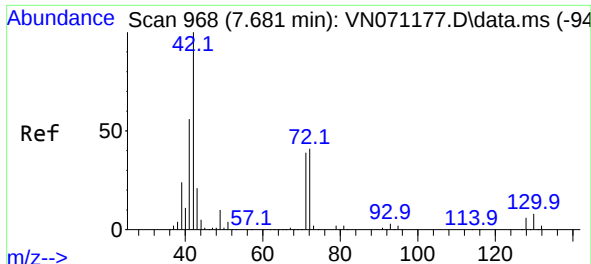
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 68.1 67.8 101.8



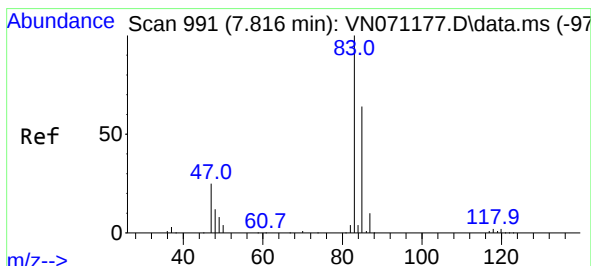
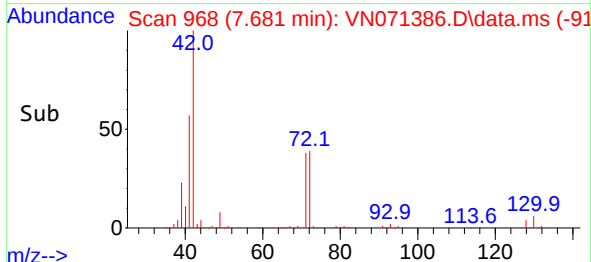
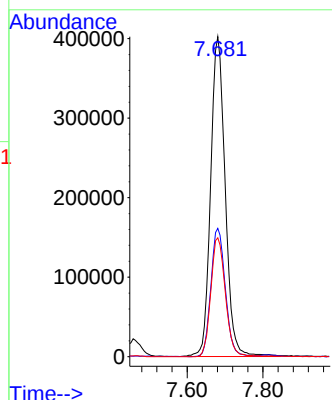
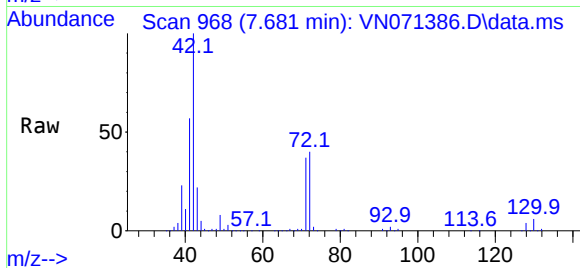


#29  
Tetrahydrofuran  
Concen: 246.300 ug/l  
RT: 7.681 min Scan# 910  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 42 Resp: 1071554

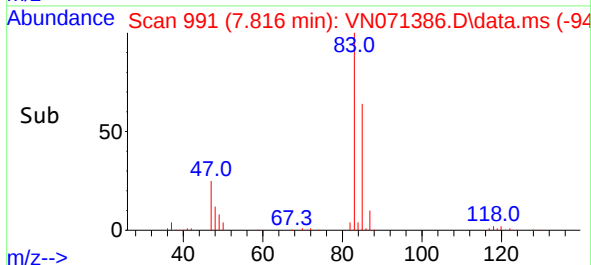
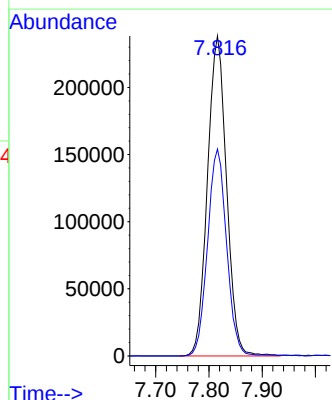
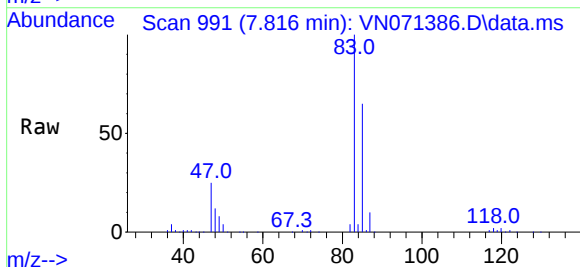
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 39.7  | 36.3  | 54.5  |
| 71  | 37.2  | 34.7  | 52.1  |

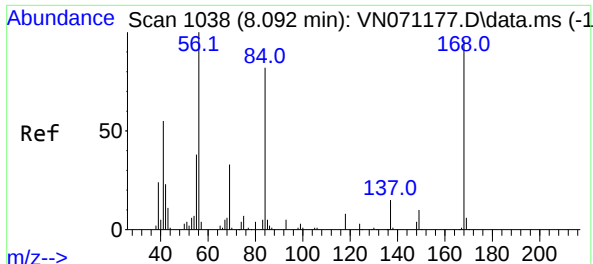


#30  
Chloroform  
Concen: 46.750 ug/l  
RT: 7.816 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion: 83 Resp: 591691

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.6  | 51.9  | 77.9  |





#31

Cyclohexane

Concen: 42.131 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN071386.D

Acq: 18 Mar 2022 20:44

Instrument :

MSVOA\_N

ClientSampleId :

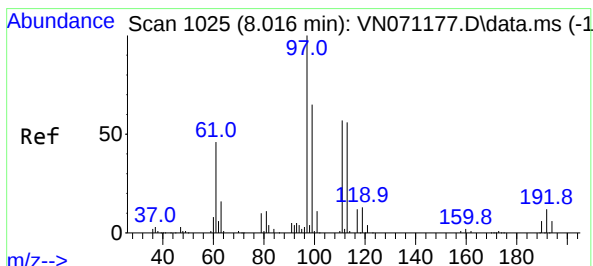
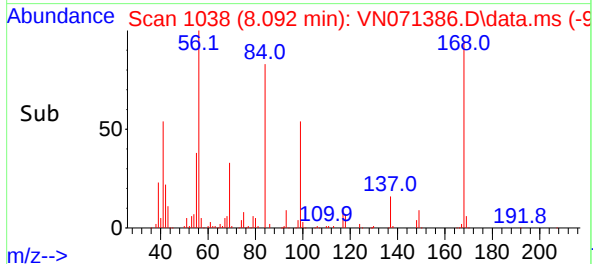
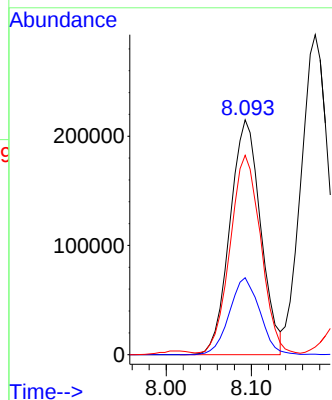
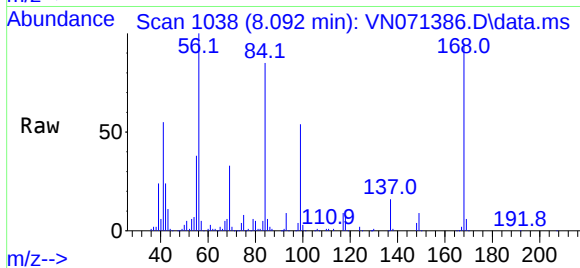
Tgt Ion: 56 Resp: 539059

Ion Ratio Lower Upper

56 100

69 32.7 27.1 40.7

84 83.3 73.4 110.0



#32

1,1,1-Trichloroethane

Concen: 47.146 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.006 min

Lab File: VN071386.D

Acq: 18 Mar 2022 20:44

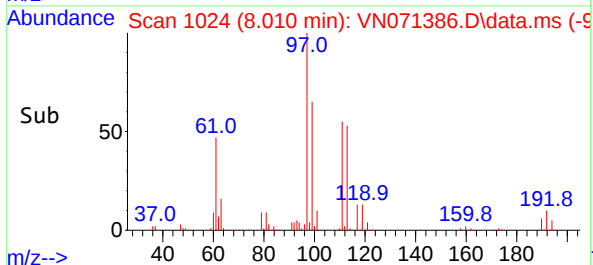
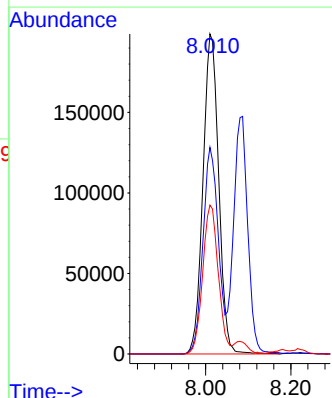
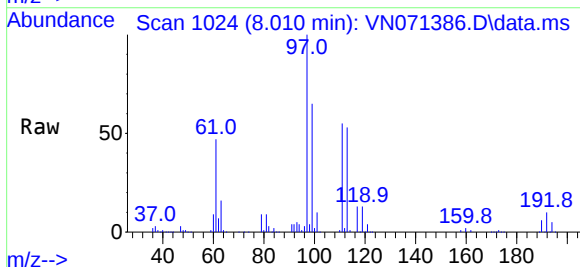
Tgt Ion: 97 Resp: 508280

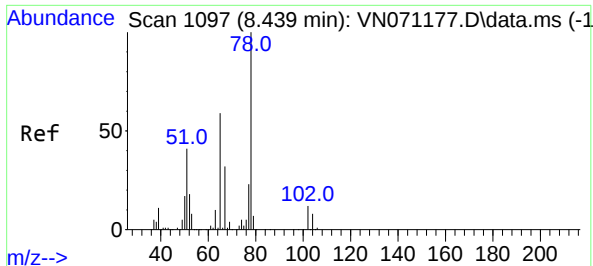
Ion Ratio Lower Upper

97 100

99 62.9 50.1 75.1

61 46.2 35.2 52.8

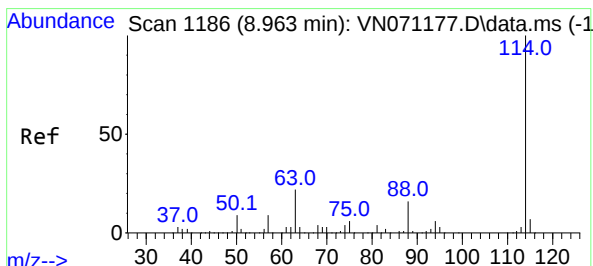
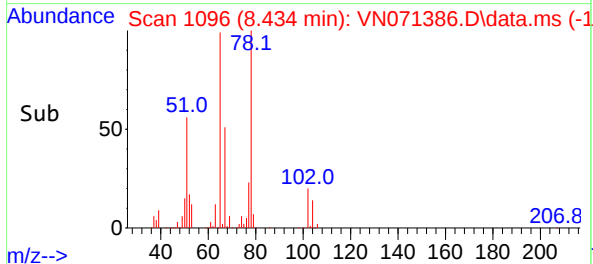
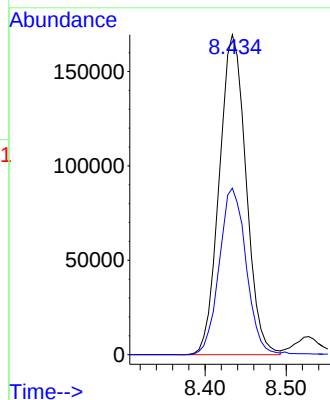
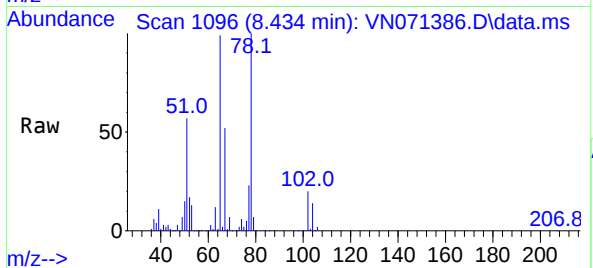




#33  
1,2-Dichloroethane-d4  
Concen: 48.459 ug/l  
RT: 8.434 min Scan# 1097  
Delta R.T. -0.006 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

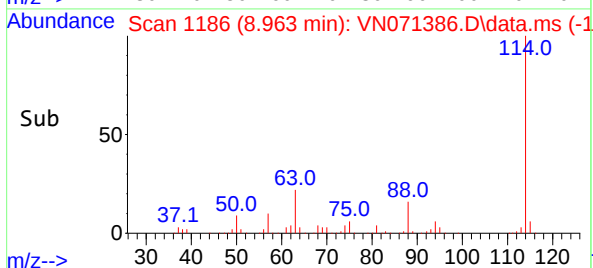
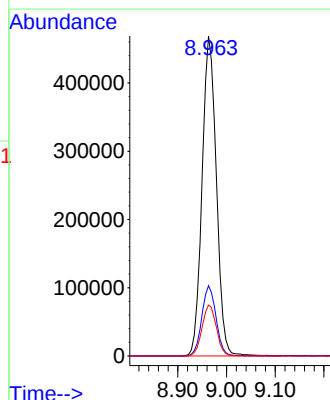
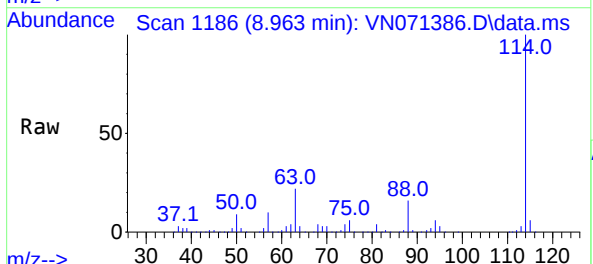
Instrument :  
MSVOA\_N  
ClientSampleId :

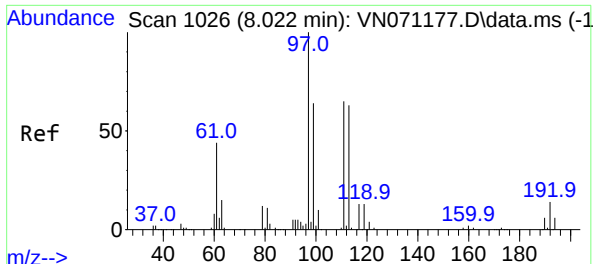
Tgt Ion: 65 Resp: 388264  
Ion Ratio Lower Upper  
65 100  
67 52.6 0.0 103.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

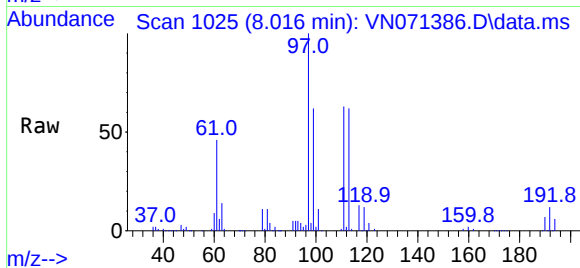
Tgt Ion: 114 Resp: 954681  
Ion Ratio Lower Upper  
114 100  
63 21.9 0.0 37.8  
88 15.9 0.0 27.4



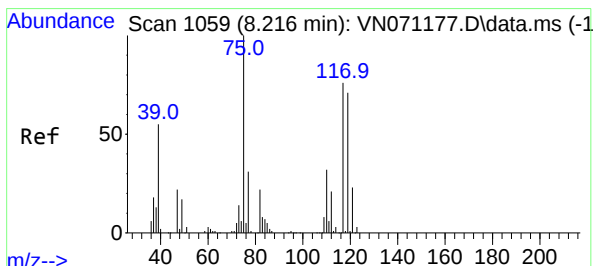
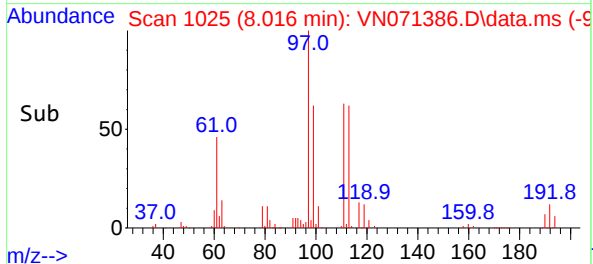
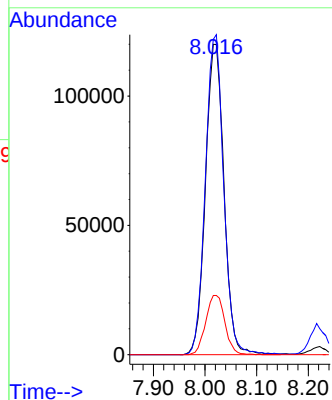


#35  
Dibromofluoromethane  
Concen: 49.571 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Instrument :  
MSVOA\_N  
ClientSampleId :

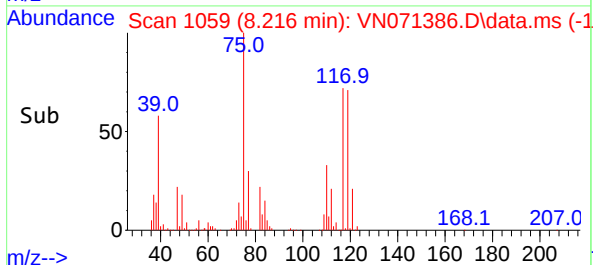
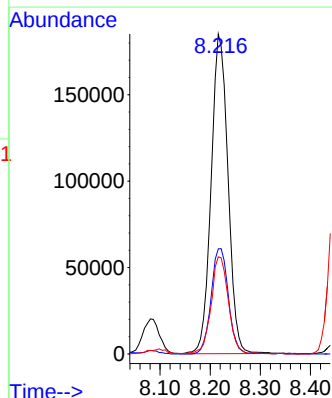
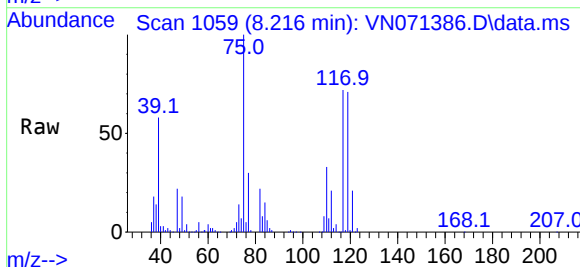


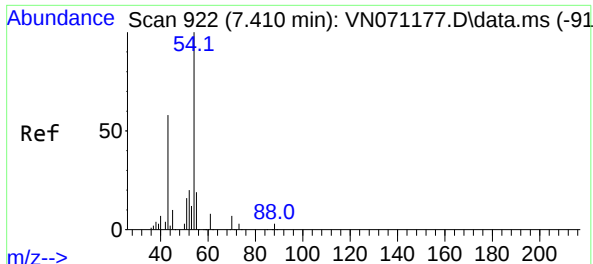
Tgt Ion:113 Resp: 298636  
Ion Ratio Lower Upper  
113 100  
111 101.8 82.2 123.2  
192 19.7 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 44.764 ug/l  
RT: 8.216 min Scan# 1059  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion: 75 Resp: 432074  
Ion Ratio Lower Upper  
75 100  
110 33.8 18.4 55.2  
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 46.628 ug/l

RT: 7.404 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN071386.D

Acq: 18 Mar 2022 20:44

Instrument :

MSVOA\_N

ClientSampleId :

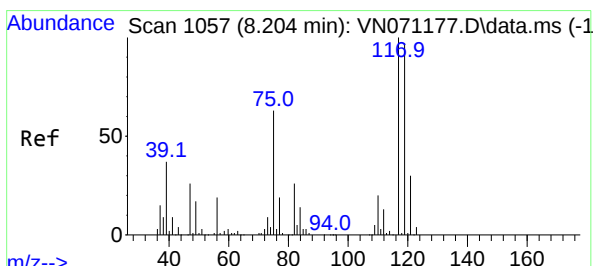
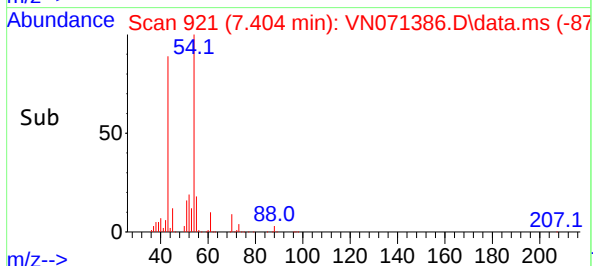
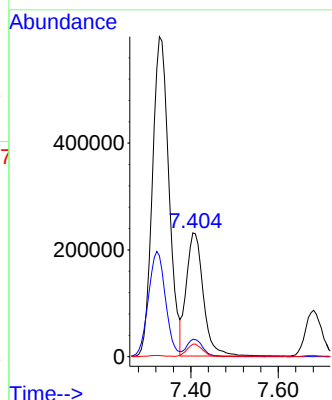
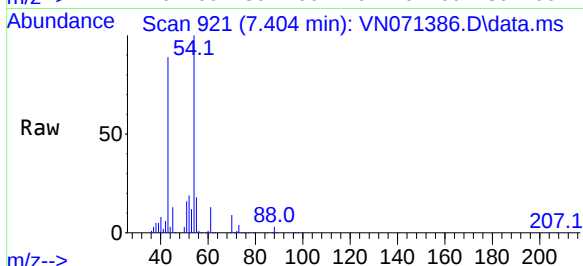
Tgt Ion: 43 Resp: 619400

Ion Ratio Lower Upper

43 100

61 13.5 11.5 17.3

70 9.6 7.9 11.9



#38

Carbon Tetrachloride

Concen: 46.006 ug/l

RT: 8.204 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN071386.D

Acq: 18 Mar 2022 20:44

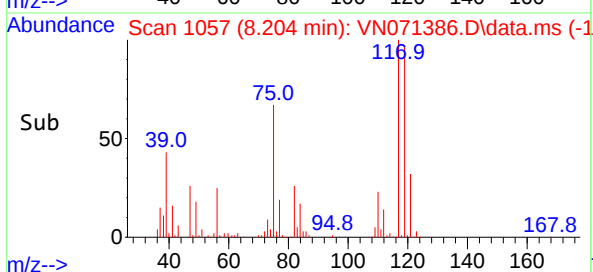
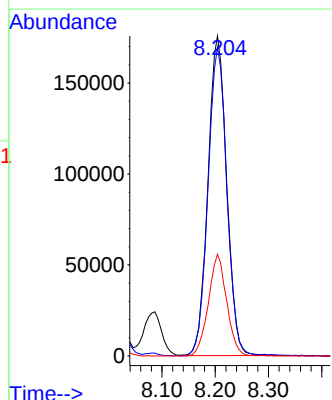
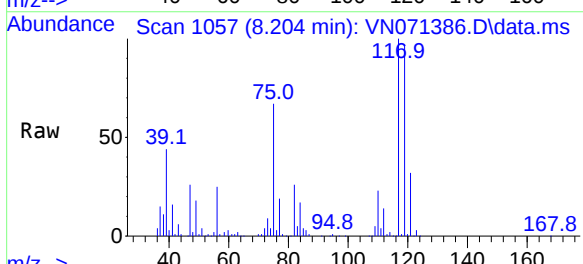
Tgt Ion: 117 Resp: 429525

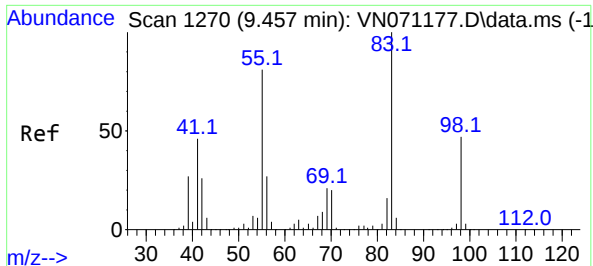
Ion Ratio Lower Upper

117 100

119 96.7 76.1 114.1

121 31.9 24.2 36.2

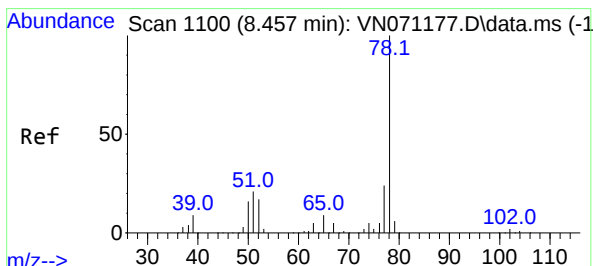
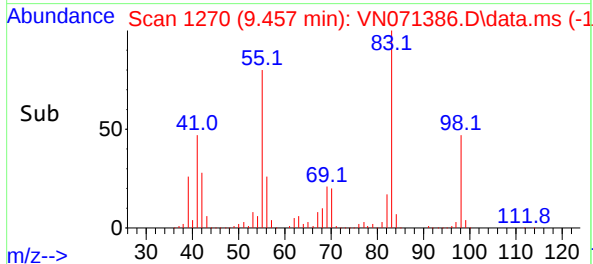
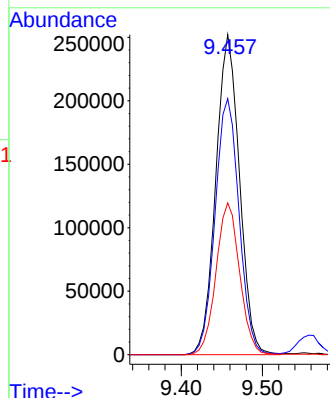
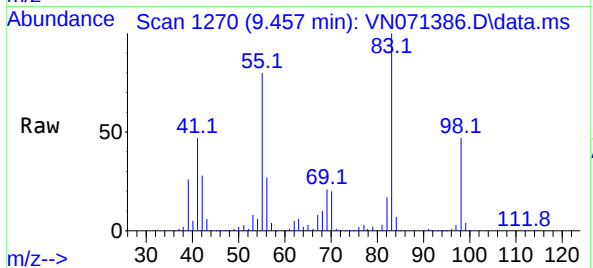




#39  
Methylcyclohexane  
Concen: 45.049 ug/l  
RT: 9.457 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

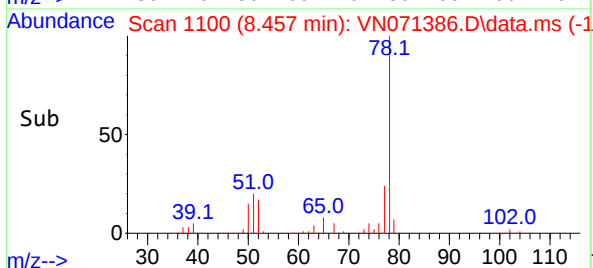
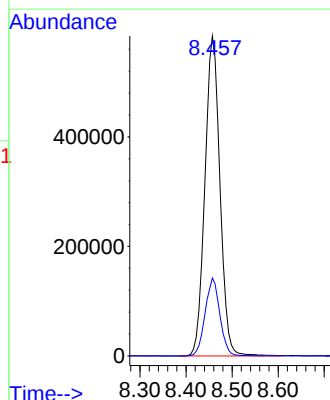
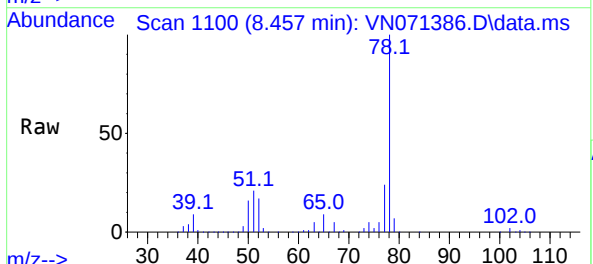
Instrument :  
MSVOA\_N  
ClientSampleId :

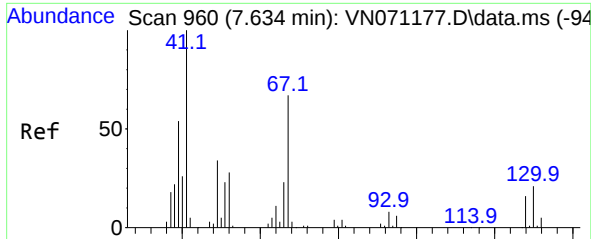
Tgt Ion: 83 Resp: 511532  
Ion Ratio Lower Upper  
83 100  
55 80.0 58.1 87.1  
98 47.4 38.4 57.6



#40  
Benzene  
Concen: 45.789 ug/l  
RT: 8.457 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

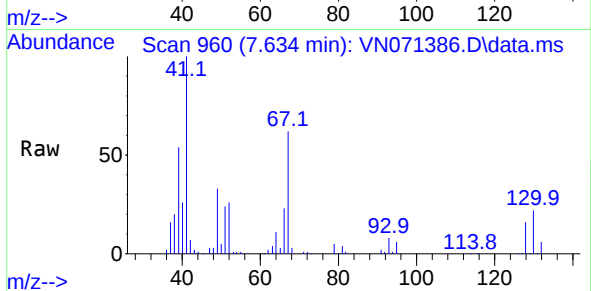
Tgt Ion: 78 Resp: 1331633  
Ion Ratio Lower Upper  
78 100  
77 24.3 18.6 27.8





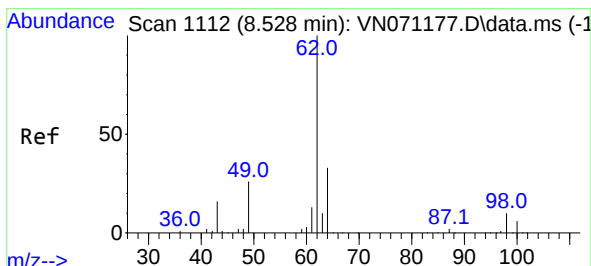
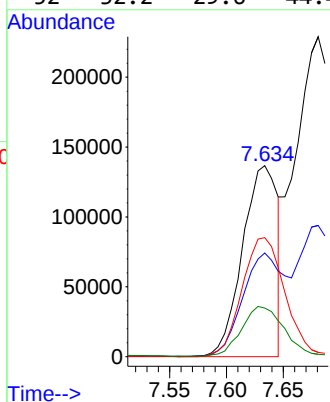
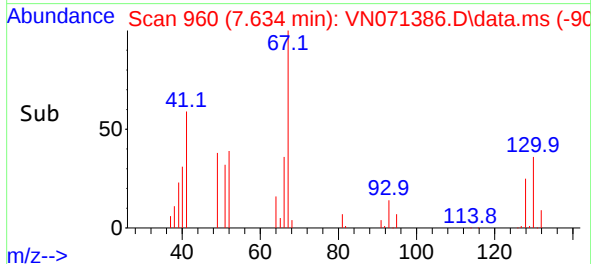
#41  
Methacrylonitrile  
Concen: 45.169 ug/l  
RT: 7.634 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 41 Resp: 293641

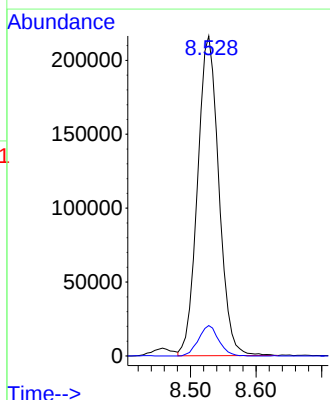
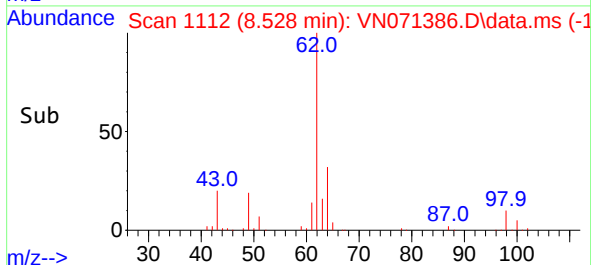
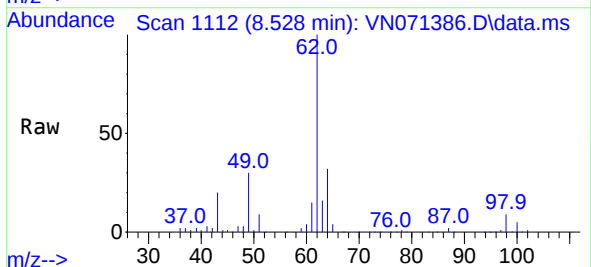
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 67.5  | 48.1  | 72.1  |
| 67  | 76.8  | 68.3  | 102.5 |
| 52  | 32.2  | 29.6  | 44.4  |

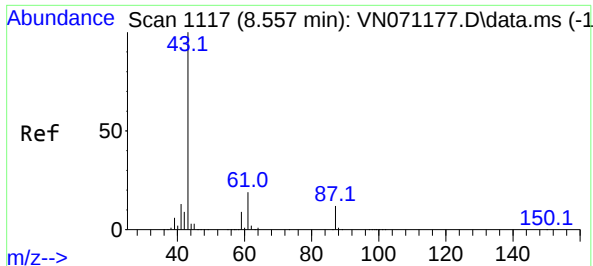


#42  
1,2-Dichloroethane  
Concen: 48.243 ug/l  
RT: 8.528 min Scan# 1112  
Delta R.T. -0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion: 62 Resp: 488220

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.0   | 0.0   | 17.6  |

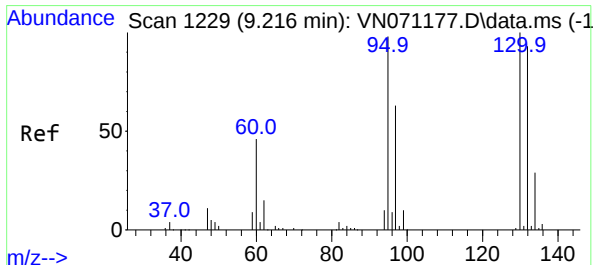
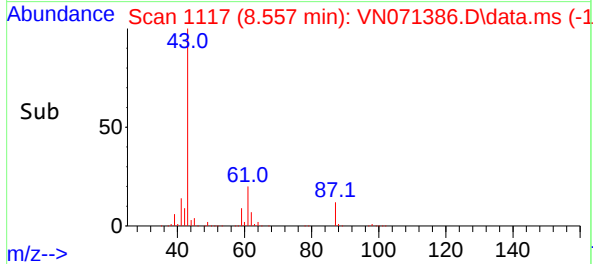
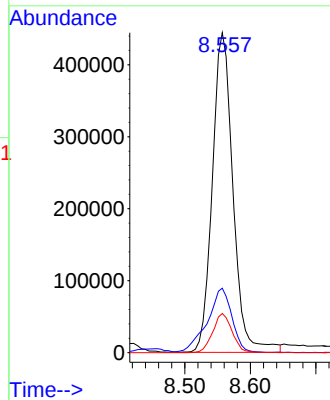
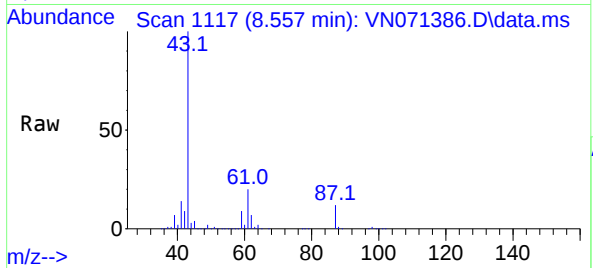




#43  
Isopropyl Acetate  
Concen: 48.921 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

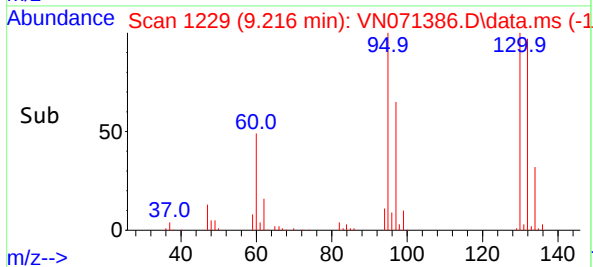
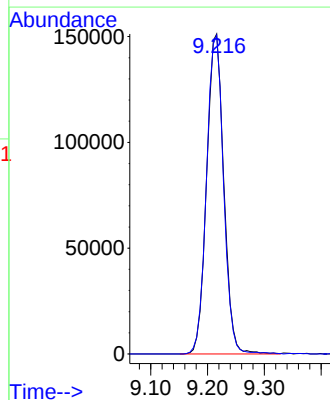
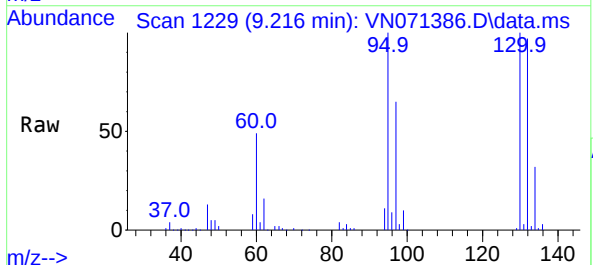
Instrument :  
MSVOA\_N  
ClientSampleId :

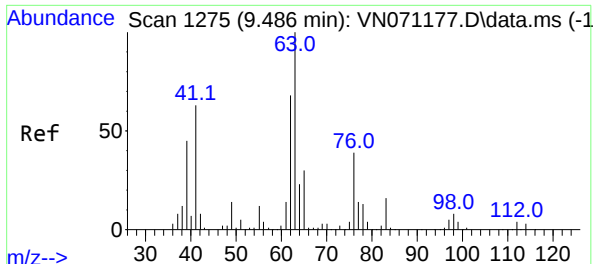
Tgt Ion: 43 Resp: 971811  
Ion Ratio Lower Upper  
43 100  
61 23.8 20.4 30.6  
87 11.5 11.2 16.8



#44  
Trichloroethene  
Concen: 45.930 ug/l  
RT: 9.216 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion:130 Resp: 315166  
Ion Ratio Lower Upper  
130 100  
95 99.6 0.0 191.2

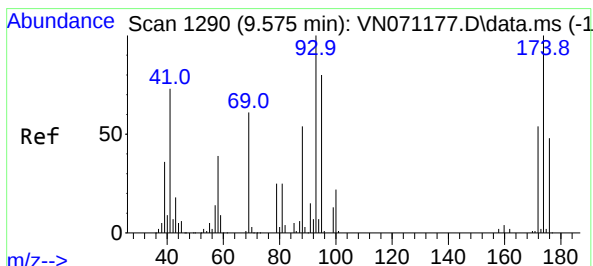
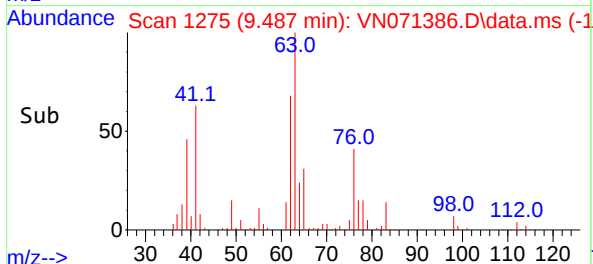
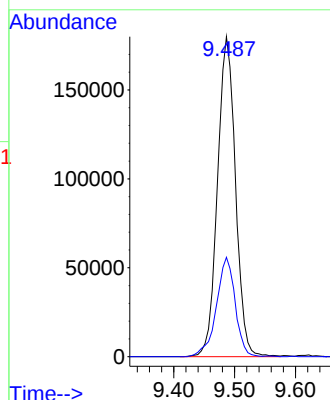
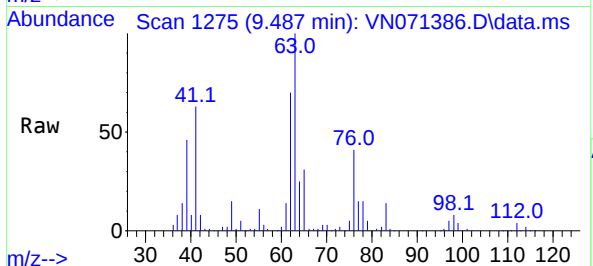




#45  
1,2-Dichloropropane  
Concen: 47.391 ug/l  
RT: 9.487 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

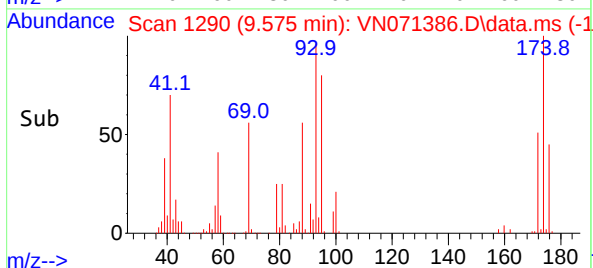
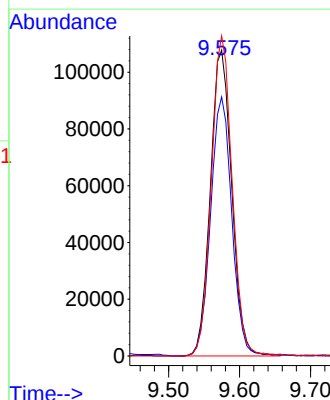
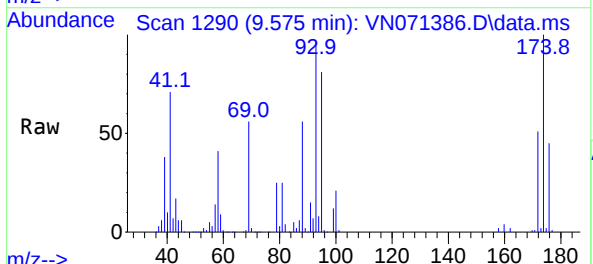
Instrument :  
MSVOA\_N  
ClientSampleId :

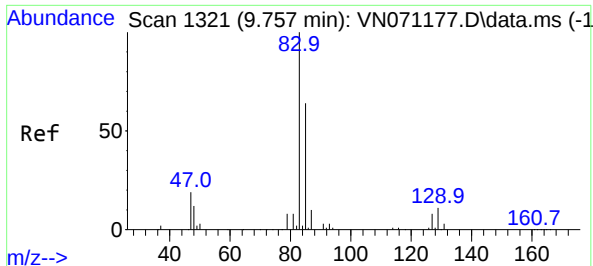
Tgt Ion: 63 Resp: 369974  
Ion Ratio Lower Upper  
63 100  
65 31.0 24.7 37.1



#46  
Dibromomethane  
Concen: 46.955 ug/l  
RT: 9.575 min Scan# 1290  
Delta R.T. -0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

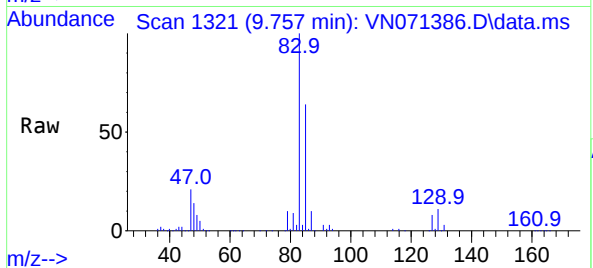
Tgt Ion: 93 Resp: 225621  
Ion Ratio Lower Upper  
93 100  
95 83.9 65.9 98.9  
174 101.7 84.6 127.0



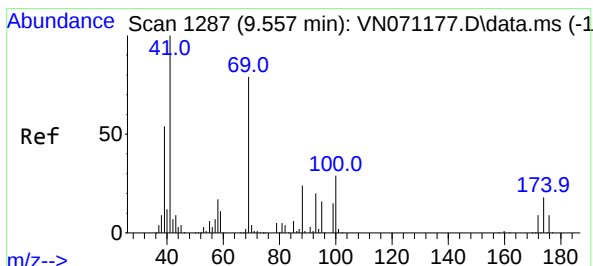
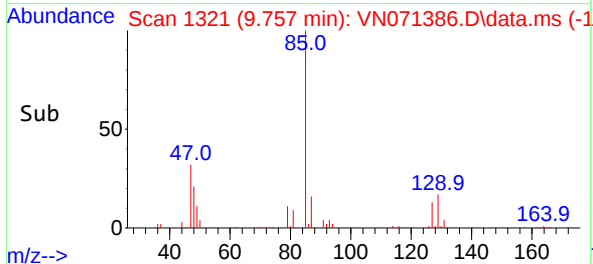
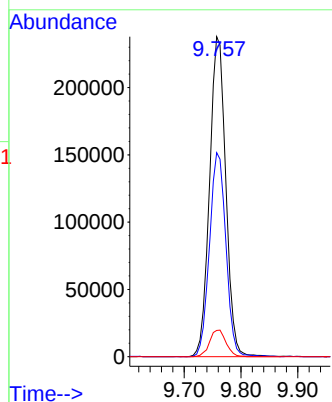


#47  
Bromodichloromethane  
Concen: 48.587 ug/l  
RT: 9.757 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Instrument :  
MSVOA\_N  
ClientSampleId :

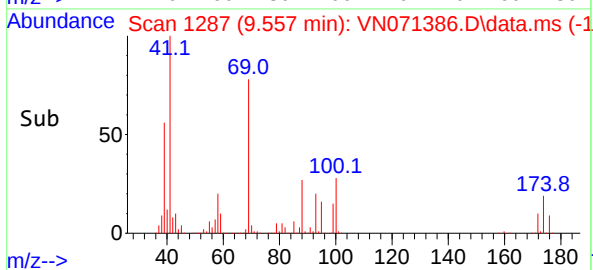
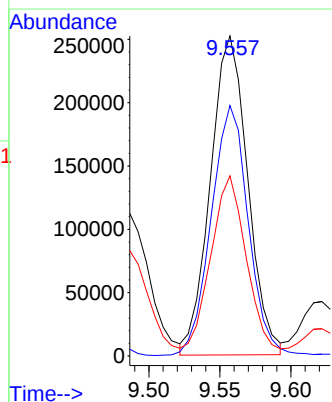
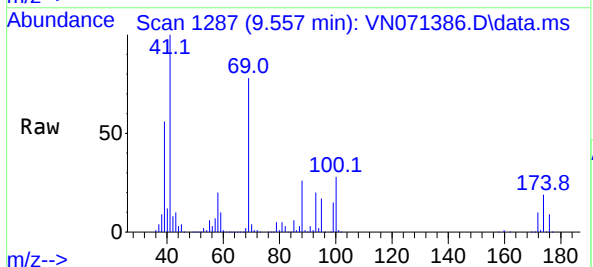


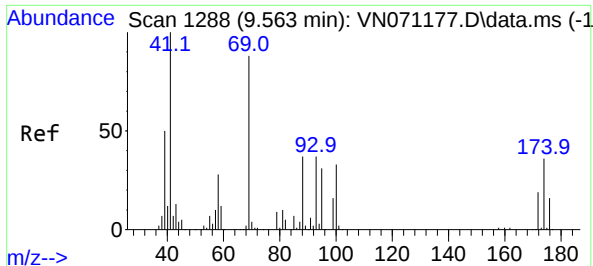
Tgt Ion: 83 Resp: 471806  
Ion Ratio Lower Upper  
83 100  
85 63.8 50.9 76.3  
127 8.2 7.1 10.7



#48  
Methyl methacrylate  
Concen: 50.112 ug/l  
RT: 9.557 min Scan# 1287  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion: 41 Resp: 461324  
Ion Ratio Lower Upper  
41 100  
69 78.5 72.4 108.6  
39 54.3 58.4 87.6#

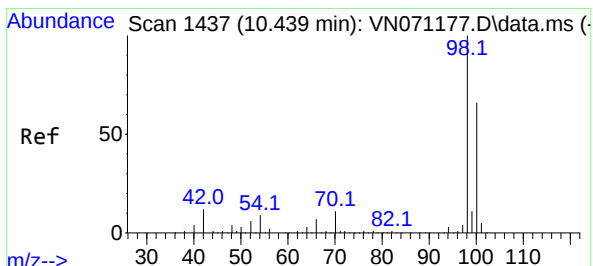
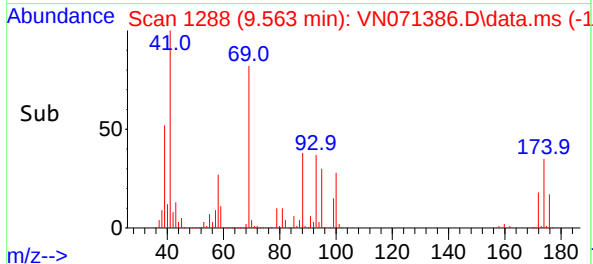
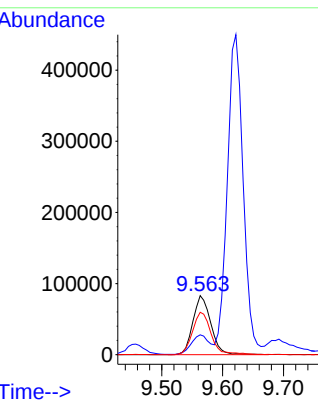
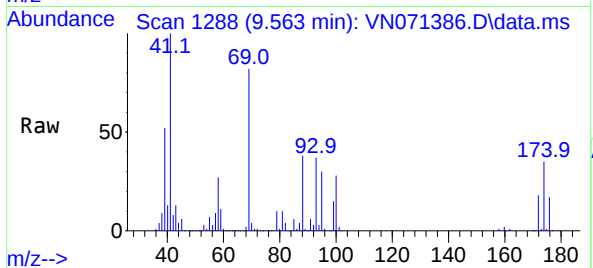




#49  
1,4-Dioxane  
Concen: 1057.029 ug/l  
RT: 9.563 min Scan# 1288  
Delta R.T. -0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

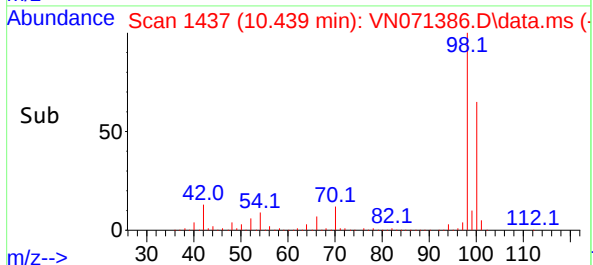
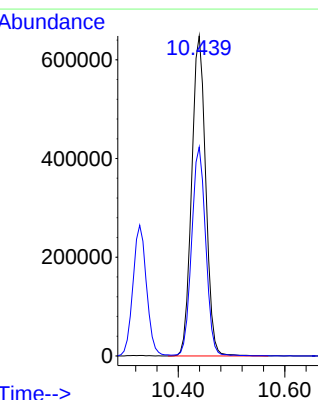
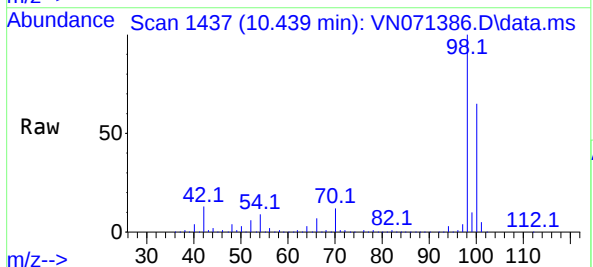
Instrument :  
MSVOA\_N  
ClientSampleId :

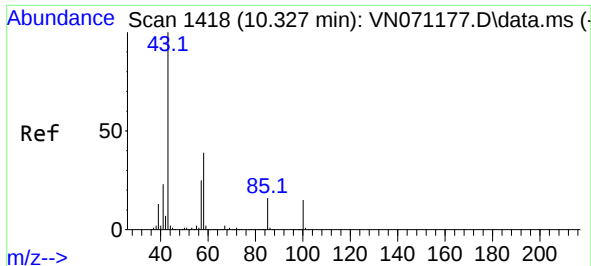
Tgt Ion: 88 Resp: 169143  
Ion Ratio Lower Upper  
88 100  
43 34.4 23.4 35.2  
58 75.7 50.6 75.8



#50  
Toluene-d8  
Concen: 48.895 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion: 98 Resp: 1186005  
Ion Ratio Lower Upper  
98 100  
100 65.3 50.4 75.6

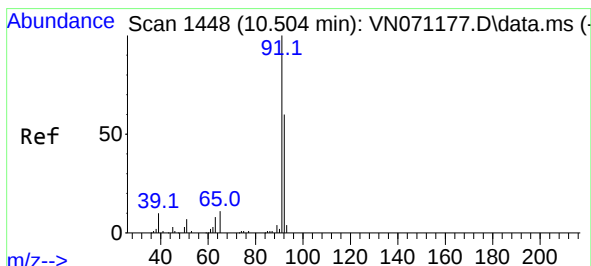
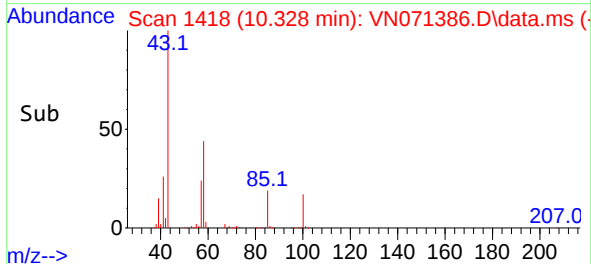
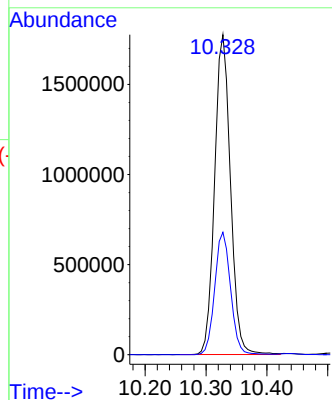
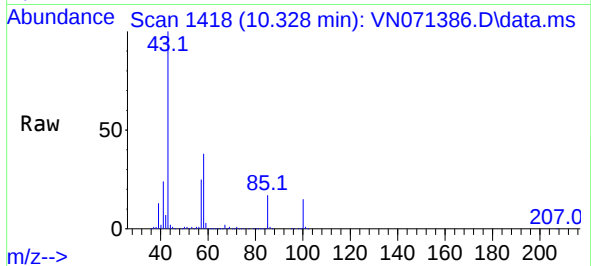




#51  
4-Methyl-2-Pentanone  
Concen: 260.530 ug/l  
RT: 10.328 min Scan# 1418  
Delta R.T. 0.001 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

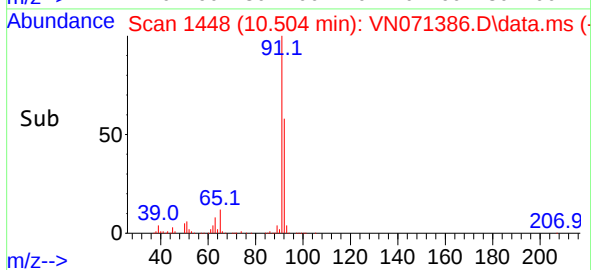
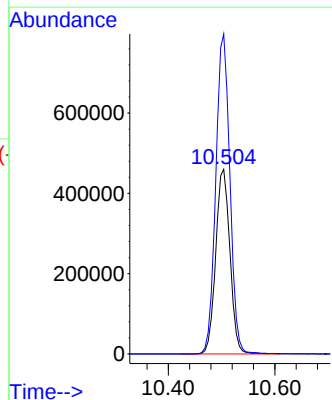
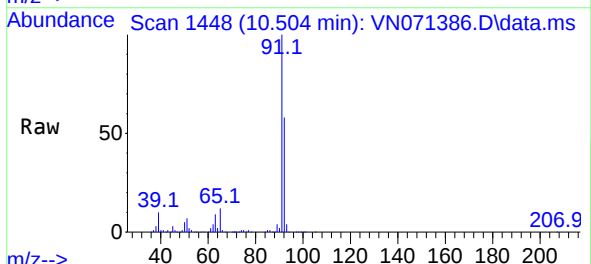
Instrument :  
MSVOA\_N  
ClientSampleId :

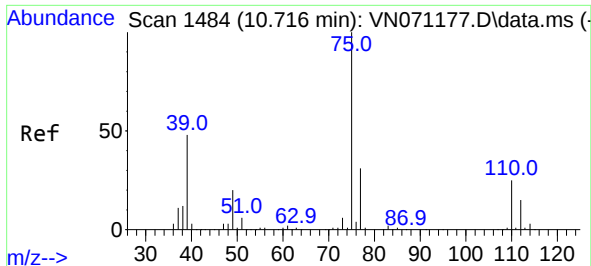
Tgt Ion: 43 Resp: 3211912  
Ion Ratio Lower Upper  
43 100  
58 38.2 30.4 45.6



#52  
Toluene  
Concen: 47.493 ug/l  
RT: 10.504 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion: 92 Resp: 850500  
Ion Ratio Lower Upper  
92 100  
91 172.4 142.0 213.0

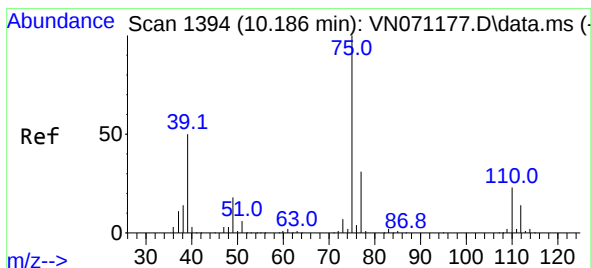
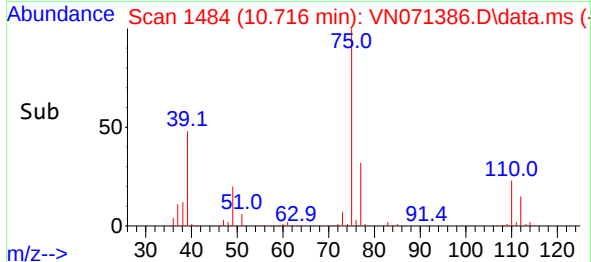
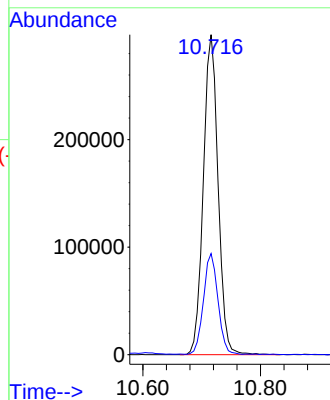
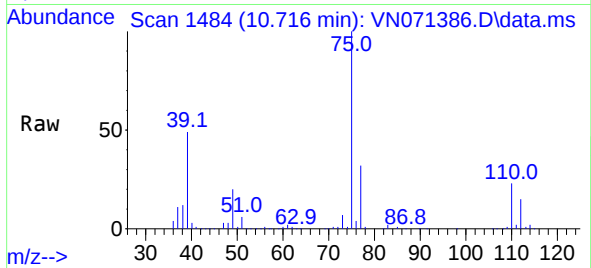




#53  
t-1,3-Dichloropropene  
Concen: 48.383 ug/l  
RT: 10.716 min Scan# 1484  
Delta R.T. -0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

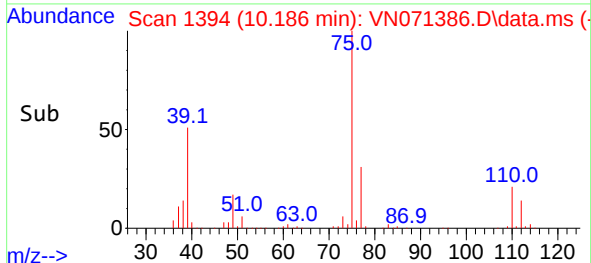
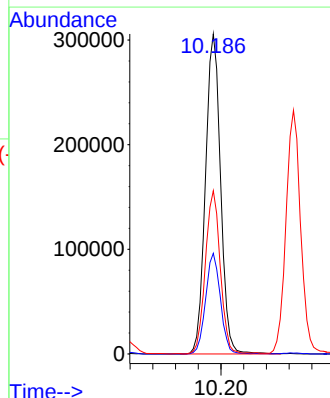
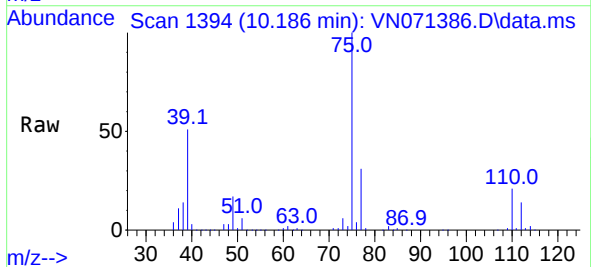
Instrument :  
MSVOA\_N  
ClientSampleId :

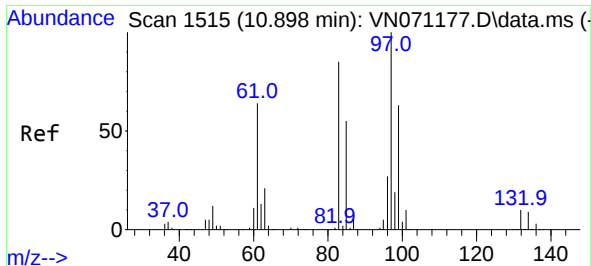
Tgt Ion: 75 Resp: 517901  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 48.196 ug/l  
RT: 10.186 min Scan# 1394  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion: 75 Resp: 563696  
Ion Ratio Lower Upper  
75 100  
77 31.5 26.4 39.6  
39 50.9 42.5 63.7



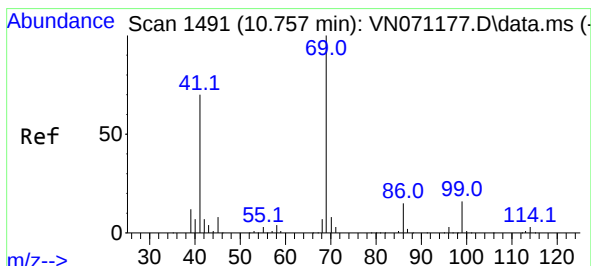
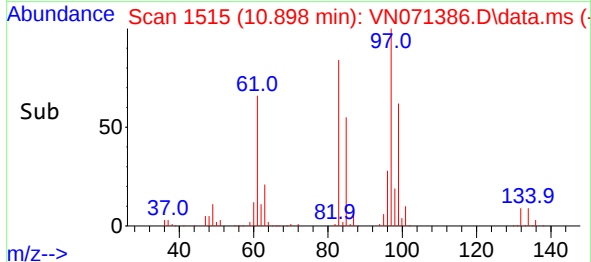
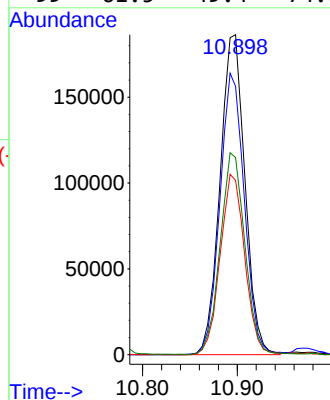
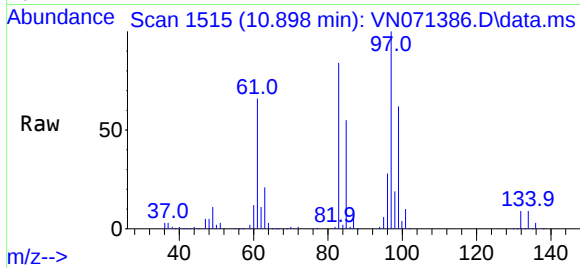


#55  
1,1,2-Trichloroethane  
Concen: 47.464 ug/l  
RT: 10.898 min Scan# 1515  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 97 Resp: 340600

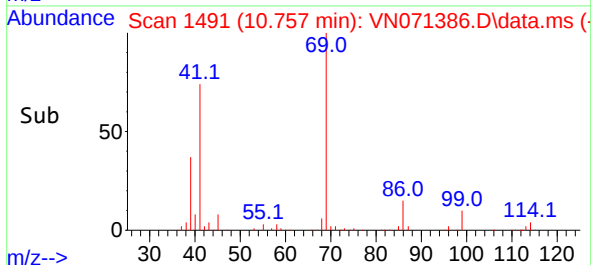
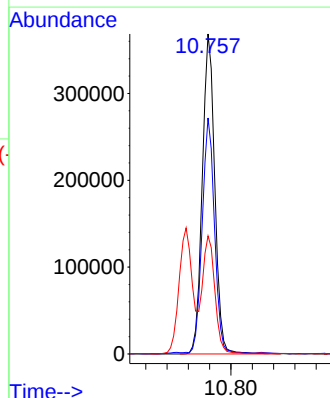
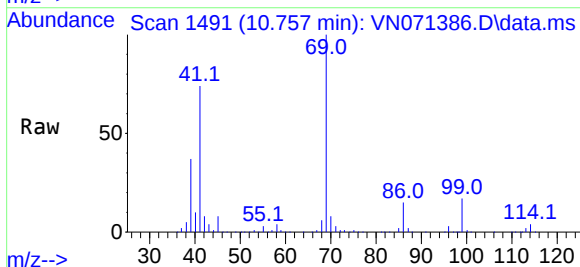
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 83.8  | 67.8  | 101.6 |
| 85  | 54.5  | 45.4  | 68.2  |
| 99  | 61.5  | 49.4  | 74.0  |

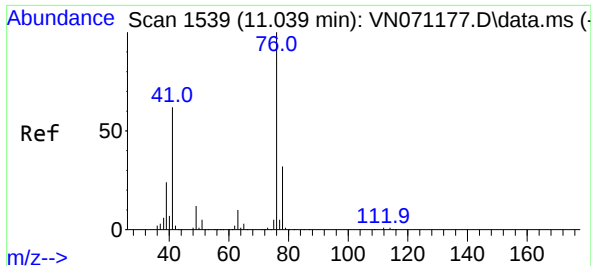


#56  
Ethyl methacrylate  
Concen: 51.066 ug/l  
RT: 10.757 min Scan# 1491  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion: 69 Resp: 598431

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 72.1  | 51.4  | 77.0  |
| 39  | 35.0  | 34.6  | 52.0  |





#57

1,3-Dichloropropane

Concen: 47.658 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN071386.D

Acq: 18 Mar 2022 20:44

Instrument :

MSVOA\_N

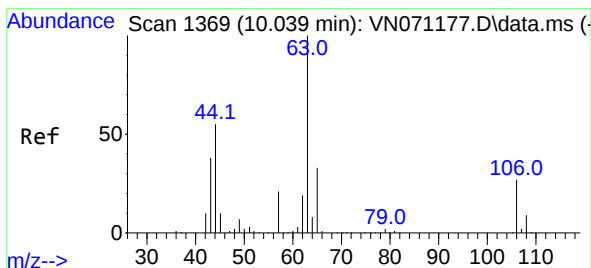
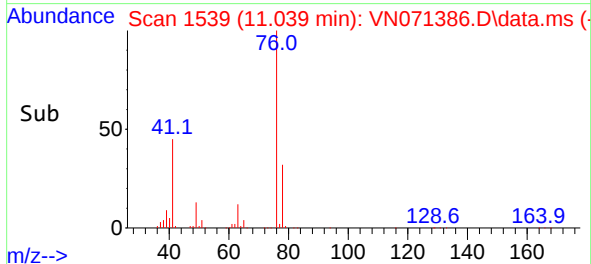
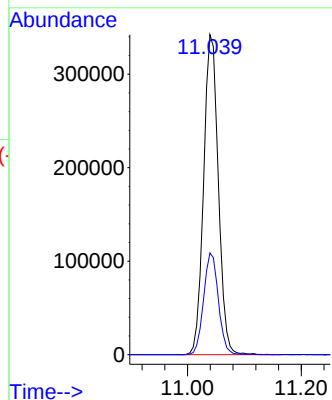
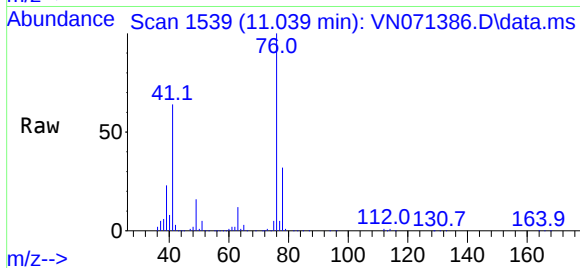
ClientSampleId :

Tgt Ion: 76 Resp: 613861

Ion Ratio Lower Upper

76 100

78 31.9 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 366.704 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN071386.D

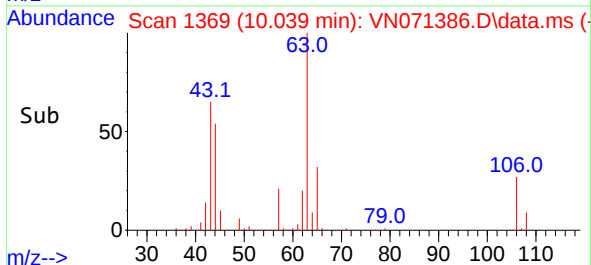
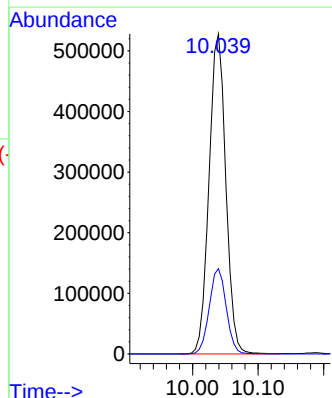
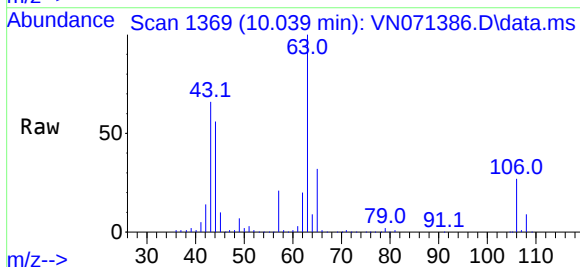
Acq: 18 Mar 2022 20:44

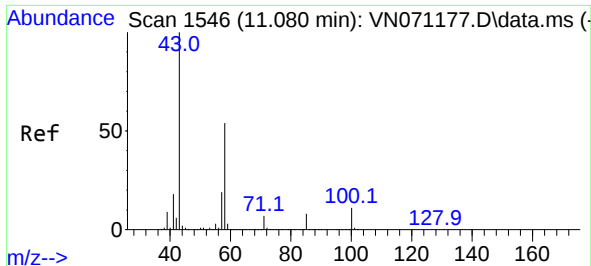
Tgt Ion: 63 Resp: 938888

Ion Ratio Lower Upper

63 100

106 26.9 23.9 35.9

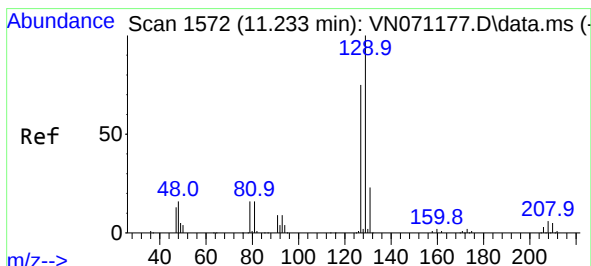
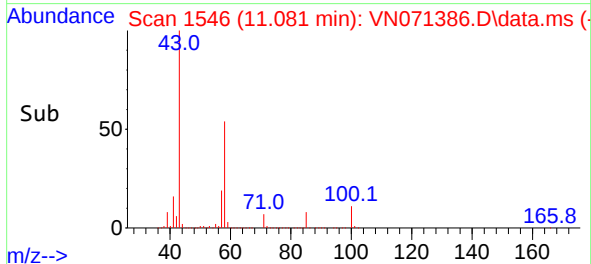
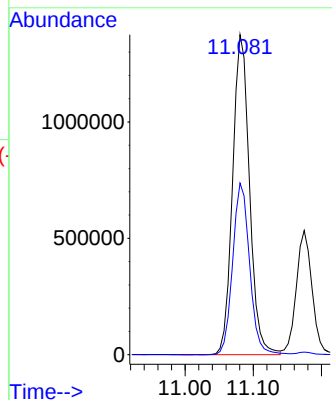
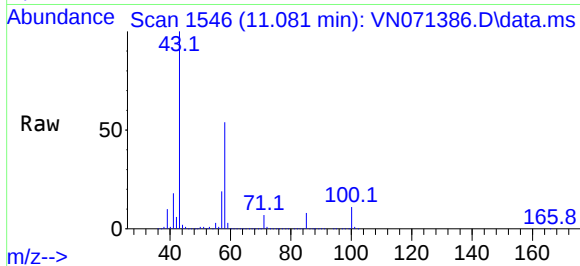




#59  
2-Hexanone  
Concen: 281.634 ug/l  
RT: 11.081 min Scan# 1546  
Delta R.T. 0.001 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

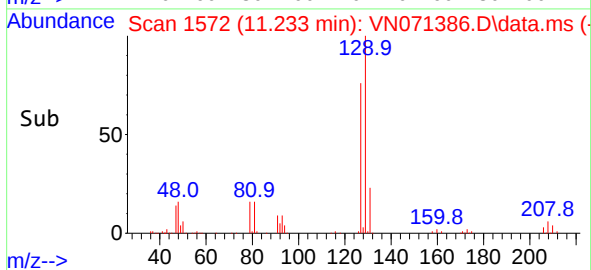
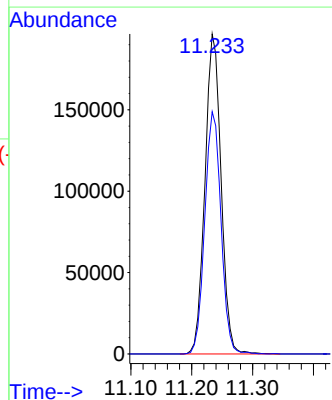
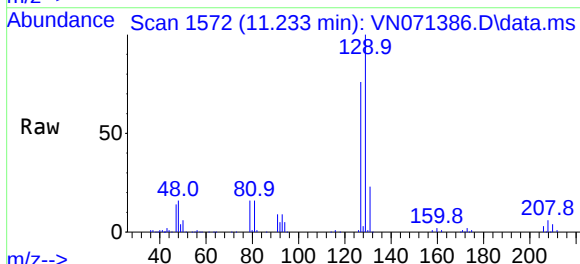
Instrument :  
MSVOA\_N  
ClientSampleId :

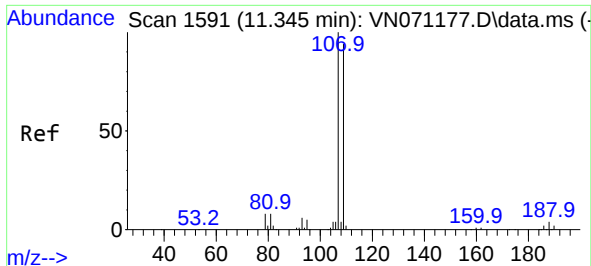
Tgt Ion: 43 Resp: 2369037  
Ion Ratio Lower Upper  
43 100  
58 53.7 26.9 80.7



#60  
Dibromochloromethane  
Concen: 50.544 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion:129 Resp: 360378  
Ion Ratio Lower Upper  
129 100  
127 76.4 38.6 116.0

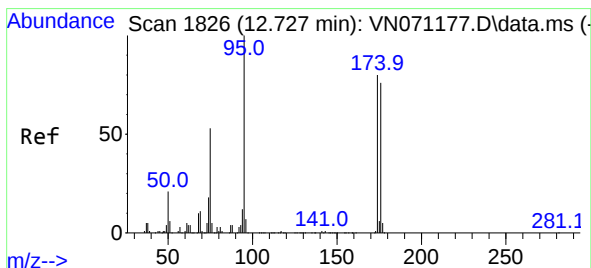
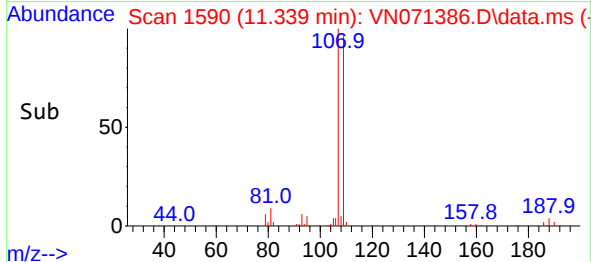
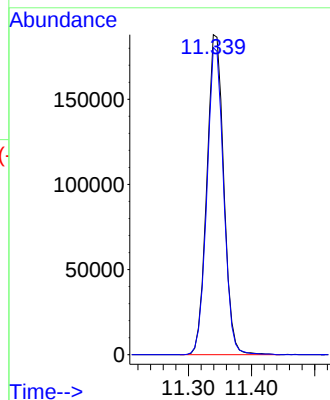
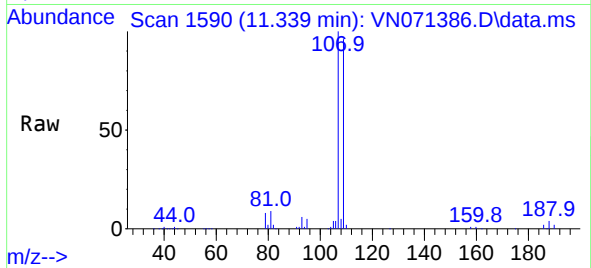




#61  
1,2-Dibromoethane  
Concen: 47.631 ug/l  
RT: 11.339 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

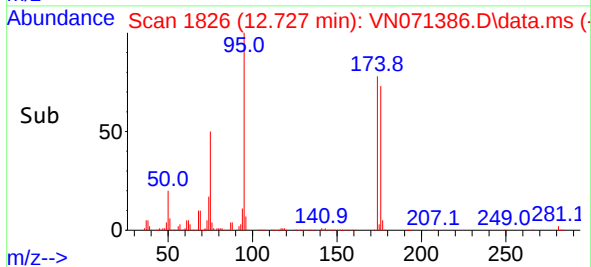
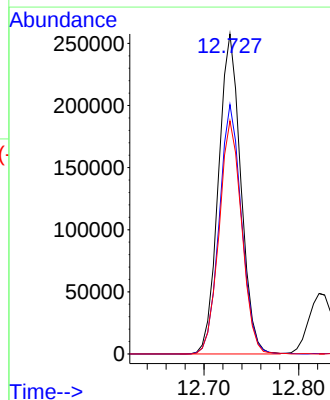
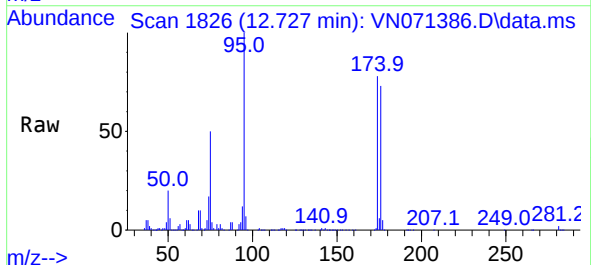
Instrument :  
MSVOA\_N  
ClientSampleId :

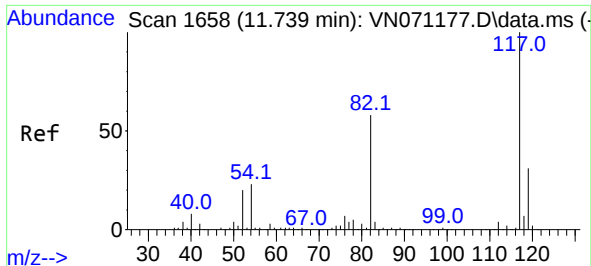
Tgt Ion:107 Resp: 349330  
Ion Ratio Lower Upper  
107 100  
109 94.7 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 51.432 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion: 95 Resp: 422443  
Ion Ratio Lower Upper  
95 100  
174 77.8 0.0 187.2  
176 73.4 0.0 181.4

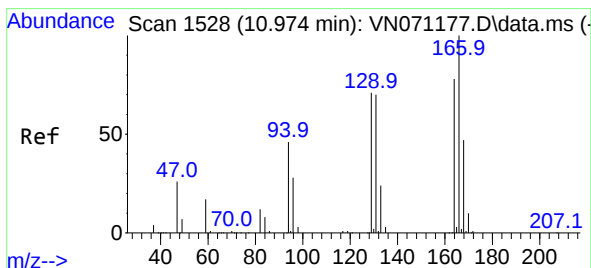
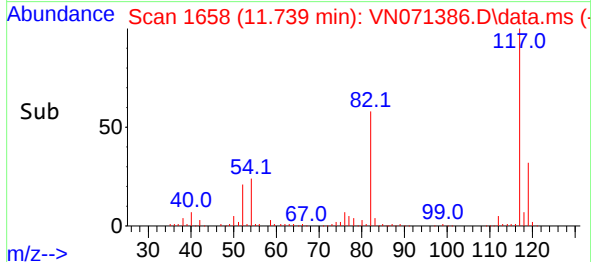
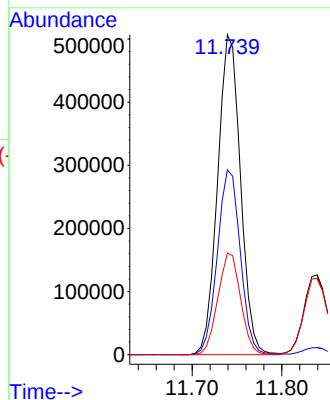
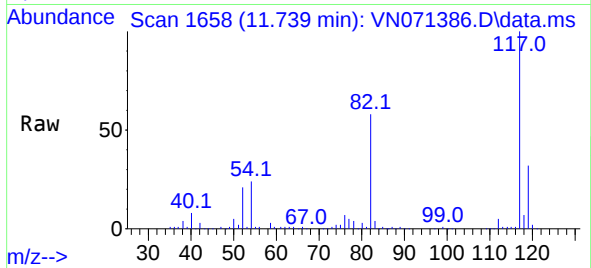




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

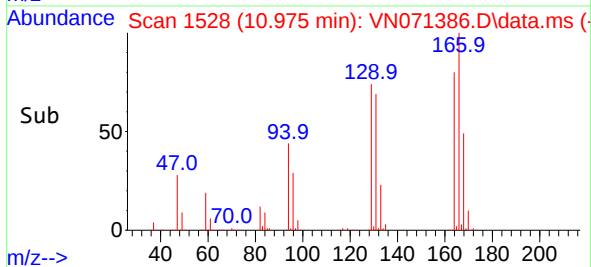
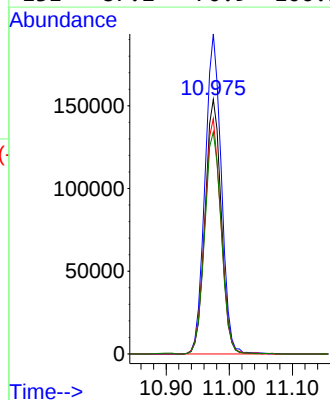
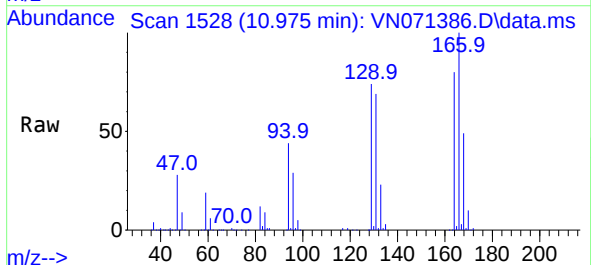
Instrument :  
MSVOA\_N  
ClientSampleId :

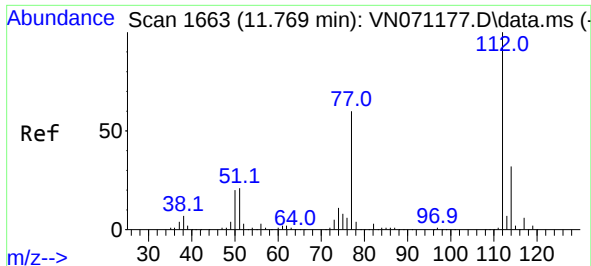
Tgt Ion:117 Resp: 897907  
Ion Ratio Lower Upper  
117 100  
82 57.8 42.4 63.6  
119 31.8 25.4 38.2



#64  
Tetrachloroethene  
Concen: 43.627 ug/l  
RT: 10.975 min Scan# 1528  
Delta R.T. 0.001 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

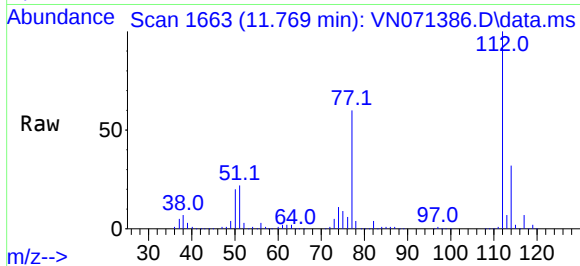
Tgt Ion:164 Resp: 273205  
Ion Ratio Lower Upper  
164 100  
166 125.7 101.9 152.9  
129 92.4 72.0 108.0  
131 87.2 70.9 106.3



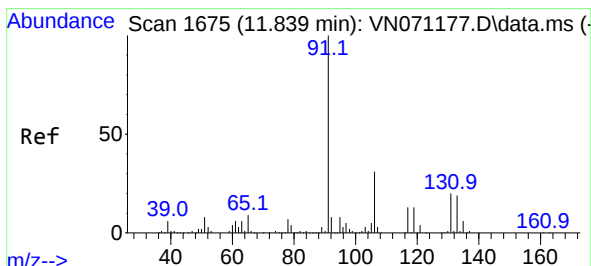
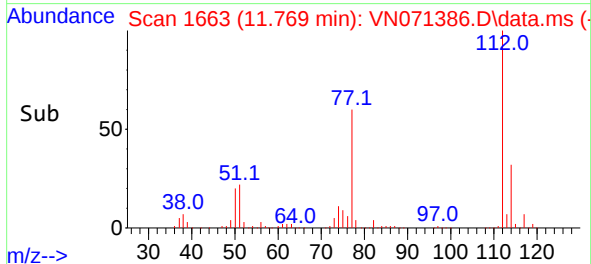
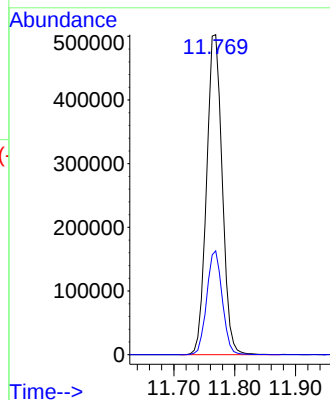


#65  
Chlorobenzene  
Concen: 46.556 ug/l  
RT: 11.769 min Scan# 1663  
Delta R.T. -0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Instrument :  
MSVOA\_N  
ClientSampleId :

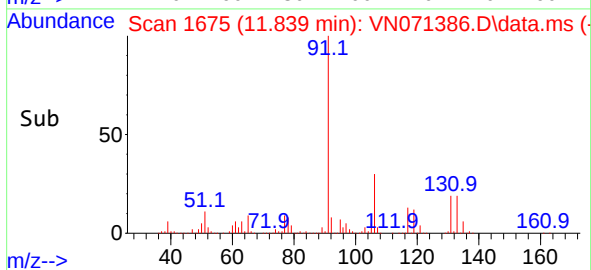
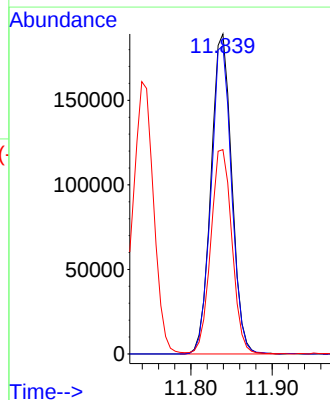
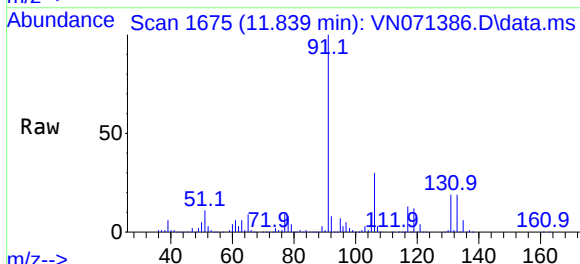


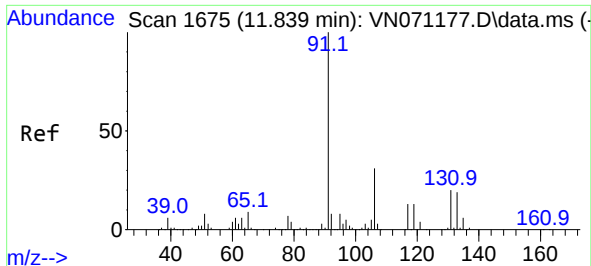
Tgt Ion:112 Resp: 897754  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.460 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion:131 Resp: 335569  
Ion Ratio Lower Upper  
131 100  
133 95.5 47.9 143.7  
119 65.4 32.1 96.5

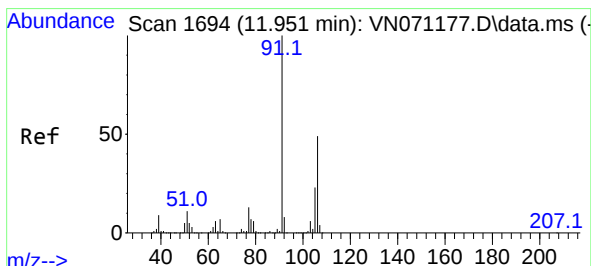
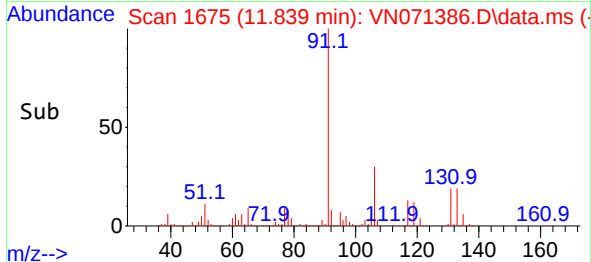
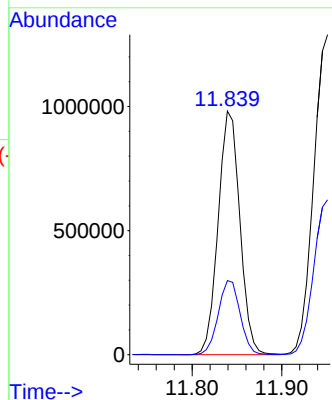
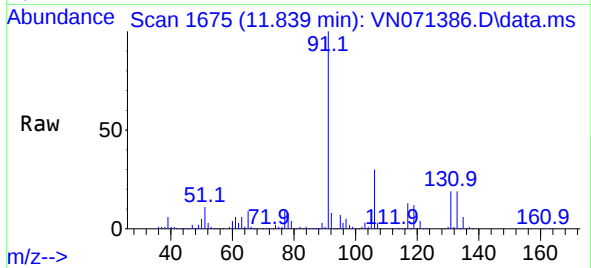




#67  
Ethyl Benzene  
Concen: 48.401 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

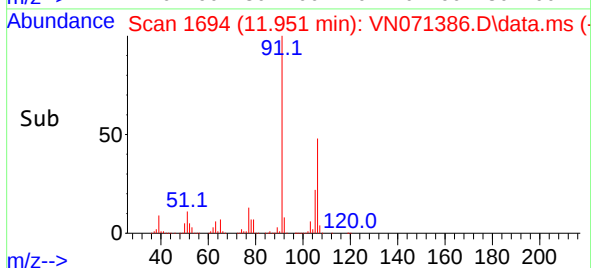
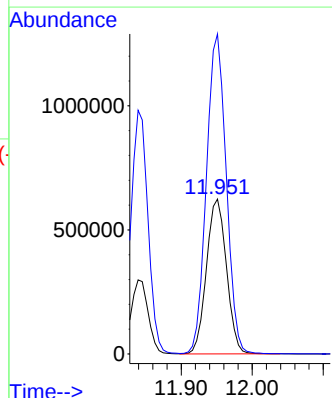
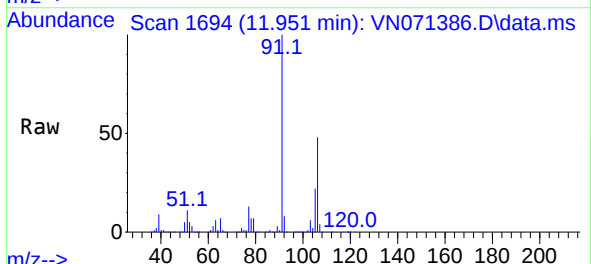
Instrument :  
MSVOA\_N  
ClientSampleId :

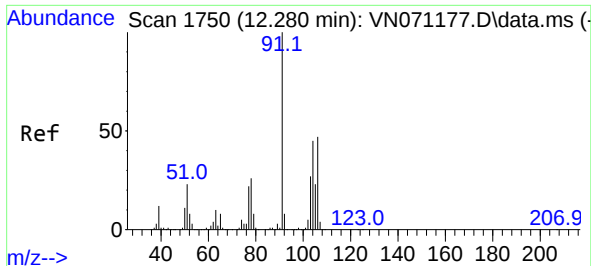
Tgt Ion: 91 Resp: 1650238  
Ion Ratio Lower Upper  
91 100  
106 30.4 25.7 38.5



#68  
m/p-Xylenes  
Concen: 97.996 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion:106 Resp: 1222288  
Ion Ratio Lower Upper  
106 100  
91 205.0 160.6 240.8

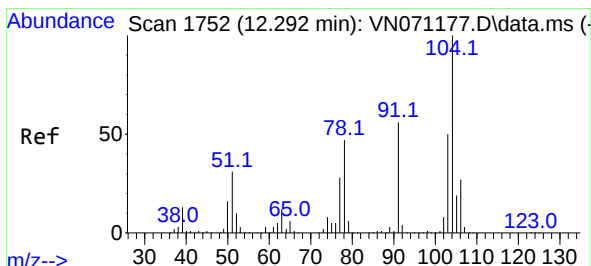
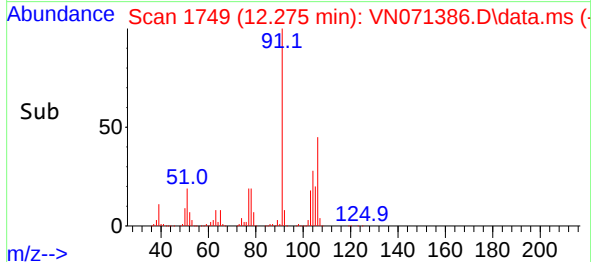
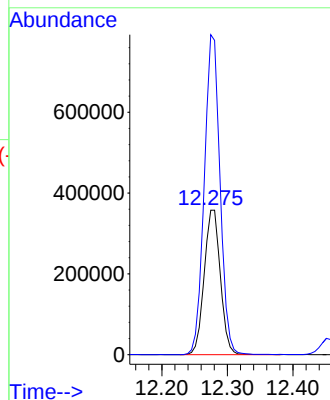
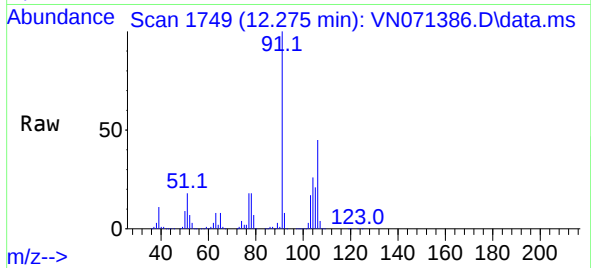




#69  
o-Xylene  
Concen: 49.225 ug/l  
RT: 12.275 min Scan# 1749  
Delta R.T. -0.005 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

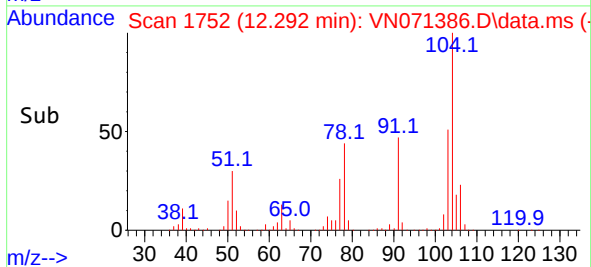
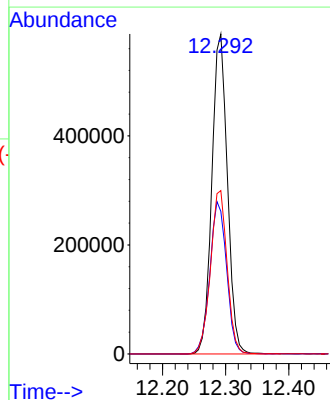
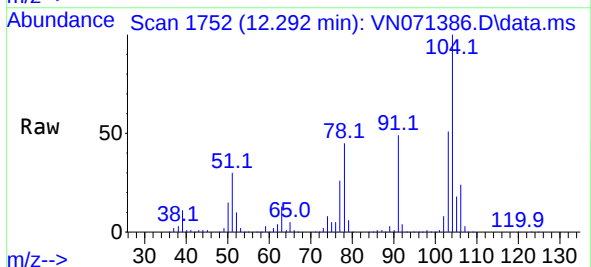
Instrument :  
MSVOA\_N  
ClientSampleId :

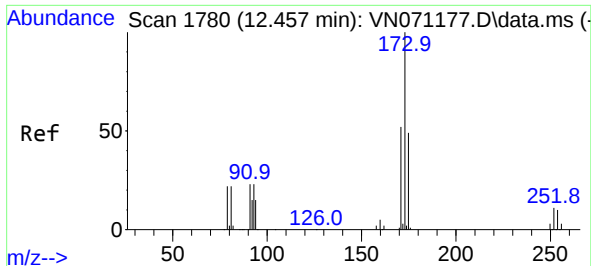
Tgt Ion:106 Resp: 615452  
Ion Ratio Lower Upper  
106 100  
91 216.0 105.8 317.3



#70  
Styrene  
Concen: 51.821 ug/l  
RT: 12.292 min Scan# 1752  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

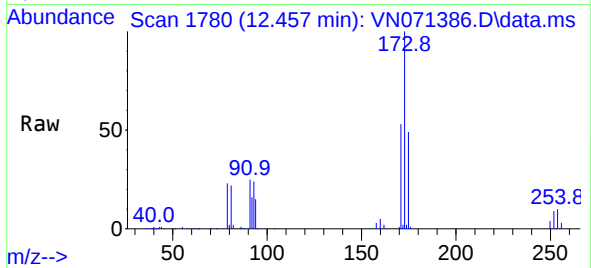
Tgt Ion:104 Resp: 1002914  
Ion Ratio Lower Upper  
104 100  
78 51.4 38.7 58.1  
103 54.6 45.0 67.6



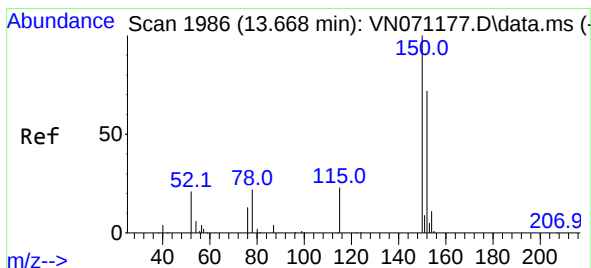
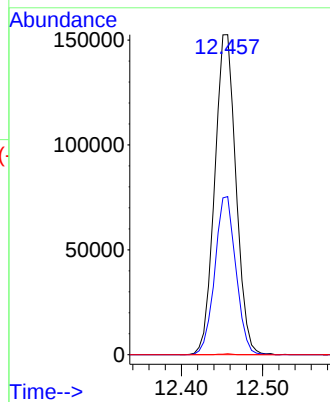
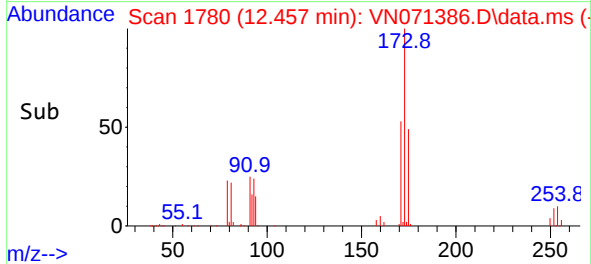


#71  
Bromoform  
Concen: 51.805 ug/l  
RT: 12.457 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

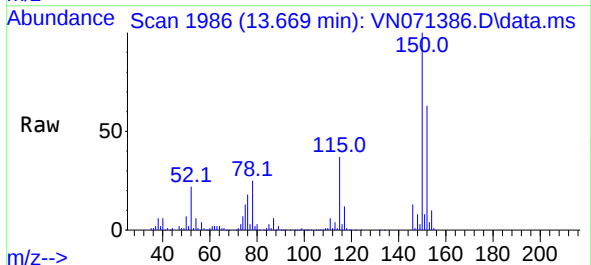
Instrument :  
MSVOA\_N  
ClientSampleId :



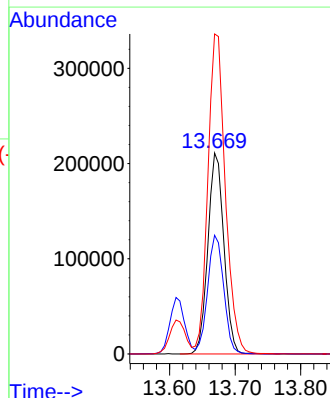
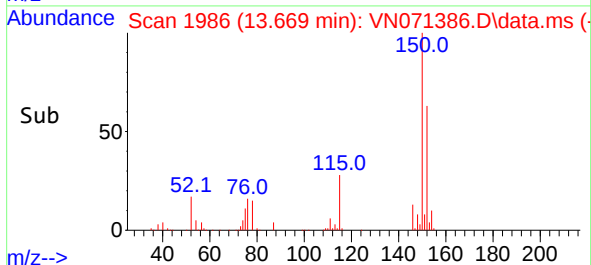
Tgt Ion:173 Resp: 278172  
Ion Ratio Lower Upper  
173 100  
175 48.9 24.2 72.6  
254 0.1 0.0 0.0#

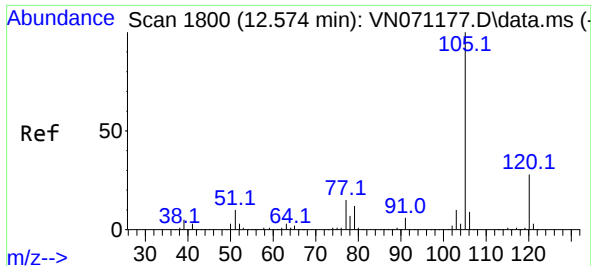


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.669 min Scan# 1986  
Delta R.T. 0.001 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44



Tgt Ion:152 Resp: 359207  
Ion Ratio Lower Upper  
152 100  
115 59.2 27.5 82.5  
150 173.9 0.0 344.4

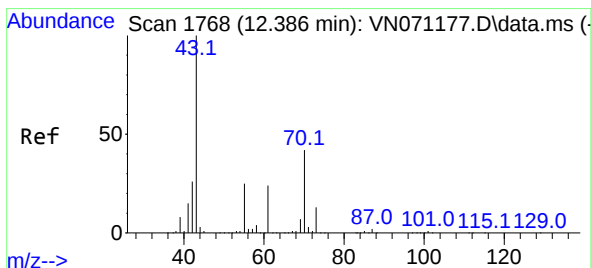
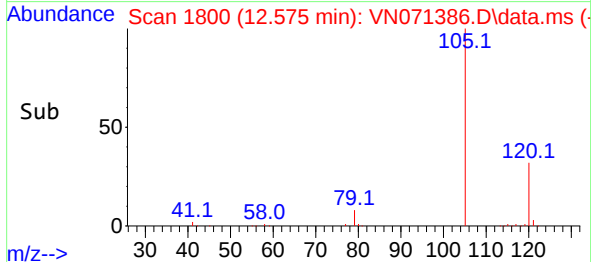
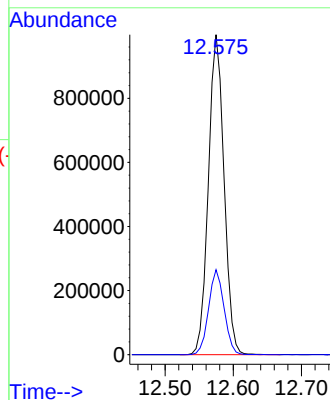
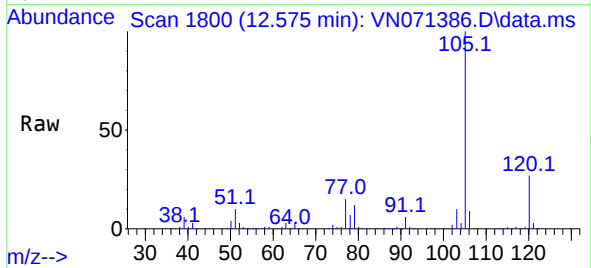




#73  
Isopropylbenzene  
Concen: 46.114 ug/l  
RT: 12.575 min Scan# 1800  
Delta R.T. 0.001 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

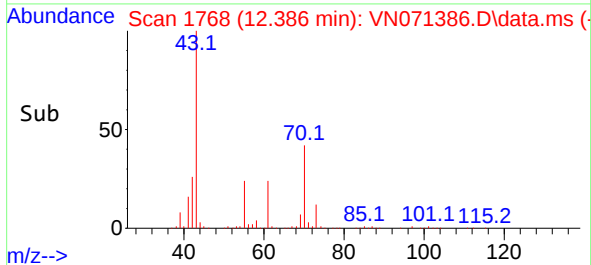
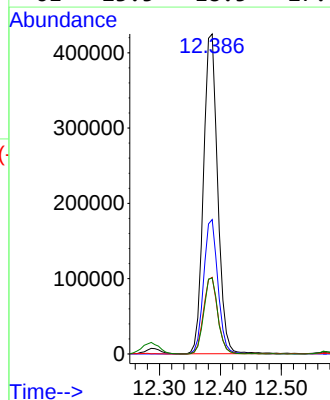
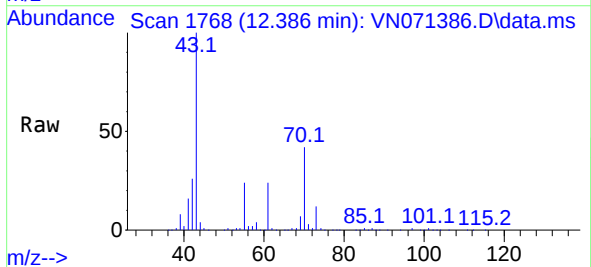
Instrument :  
MSVOA\_N  
ClientSampleId :

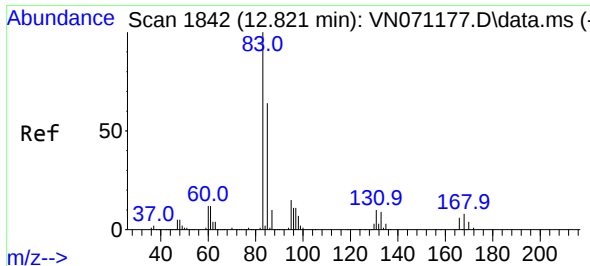
Tgt Ion:105 Resp: 1596797  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.4 40.1



#74  
N-ethyl acetate  
Concen: 52.784 ug/l  
RT: 12.386 min Scan# 1768  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion: 43 Resp: 687226  
Ion Ratio Lower Upper  
43 100  
70 42.1 33.4 50.0  
55 24.1 19.3 28.9  
61 23.5 18.5 27.7

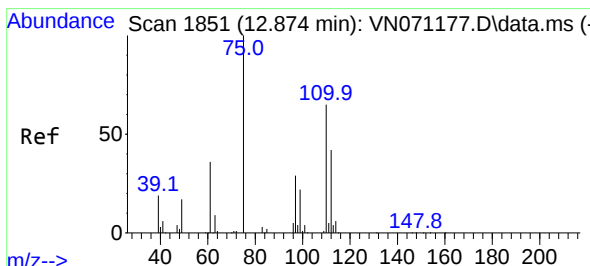
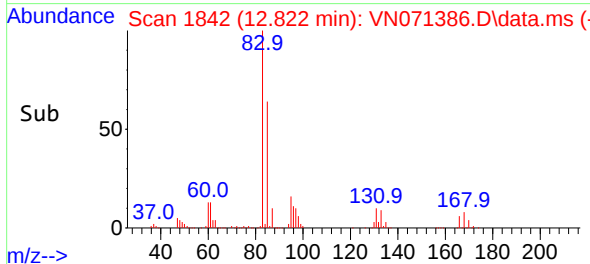
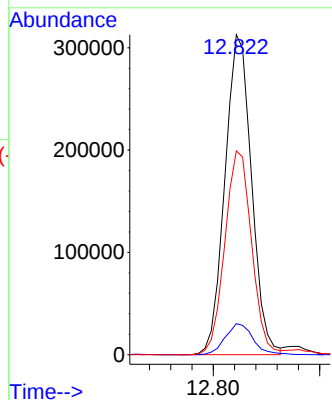
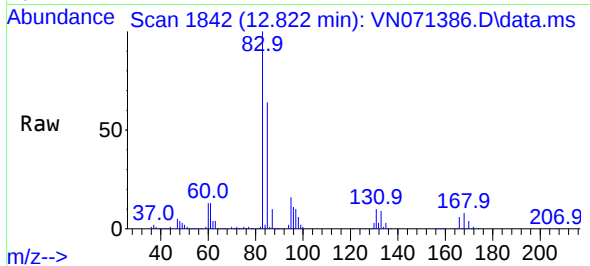




#75  
1,1,2,2-Tetrachloroethane  
Concen: 52.814 ug/l  
RT: 12.822 min Scan# 1842  
Delta R.T. 0.001 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

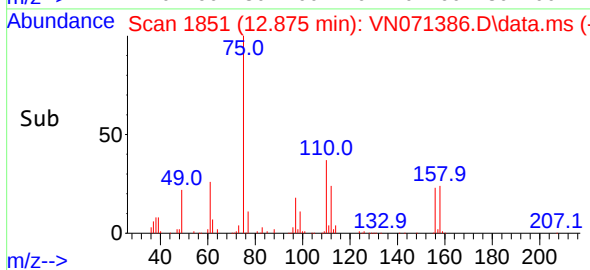
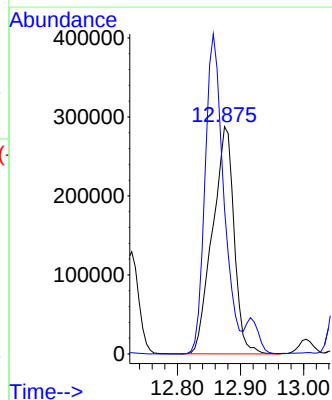
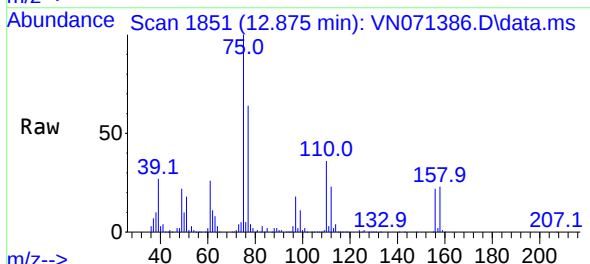
Instrument :  
MSVOA\_N  
ClientSampleId :

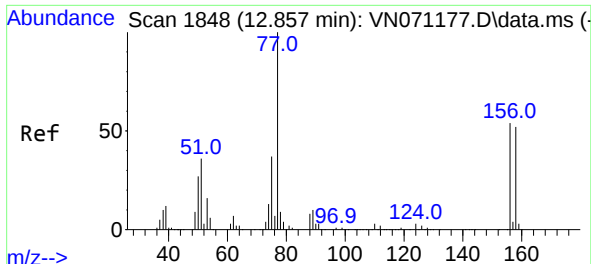
Tgt Ion: 83 Resp: 541969  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.5 16.5  
85 64.3 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 80.074 ug/l  
RT: 12.875 min Scan# 1851  
Delta R.T. 0.001 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion: 75 Resp: 682352  
Ion Ratio Lower Upper  
75 100  
77 122.1 82.6 247.8

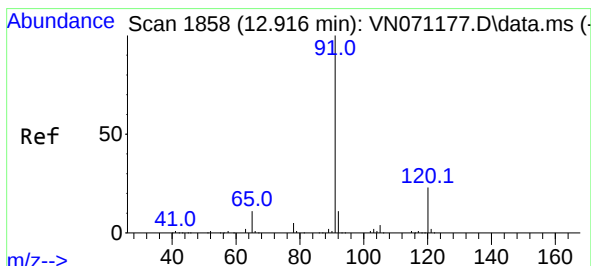
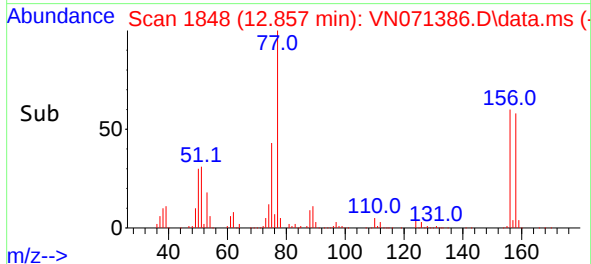
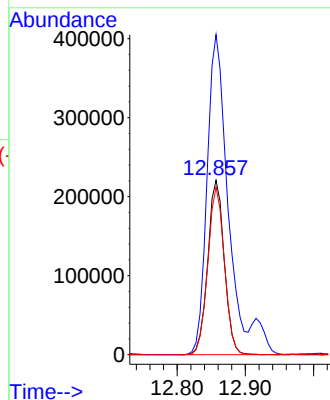
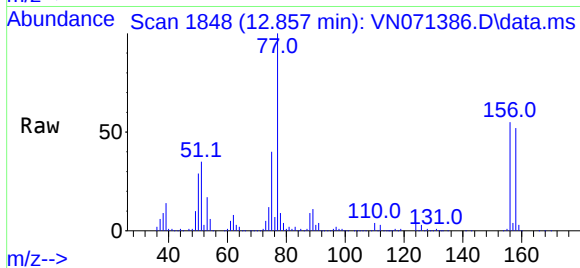




#77  
Bromobenzene  
Concen: 46.131 ug/l  
RT: 12.857 min Scan# 1848  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

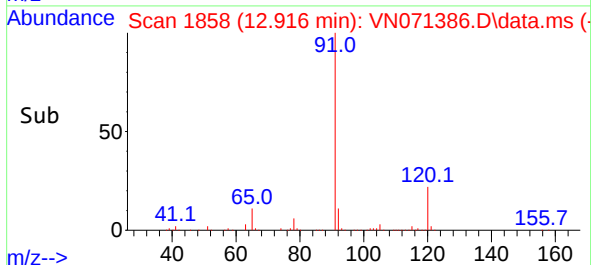
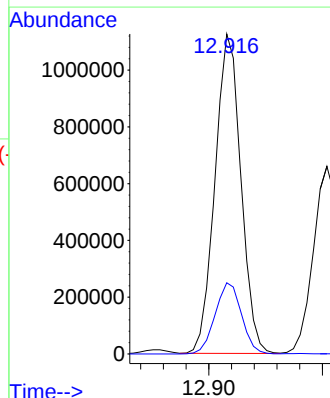
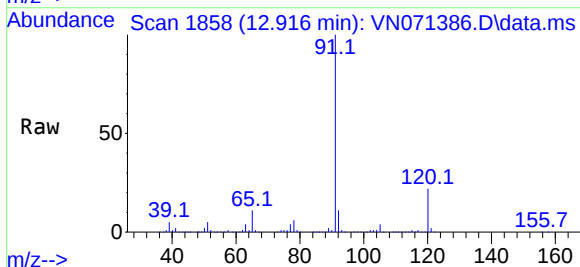
Instrument :  
MSVOA\_N  
ClientSampleId :

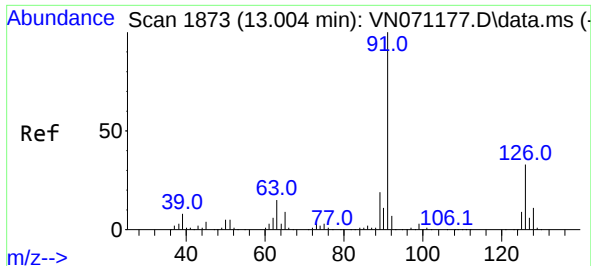
Tgt Ion:156 Resp: 372484  
Ion Ratio Lower Upper  
156 100  
77 223.7 90.6 271.8  
158 96.3 48.9 146.7



#78  
n-propylbenzene  
Concen: 47.938 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion: 91 Resp: 1781246  
Ion Ratio Lower Upper  
91 100  
120 22.7 11.9 35.9

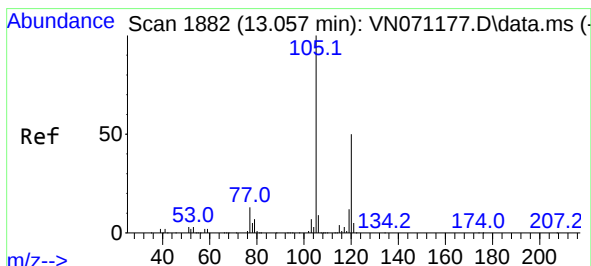
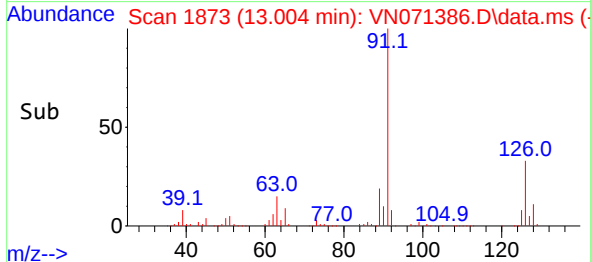
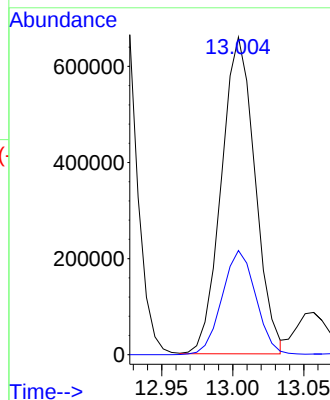
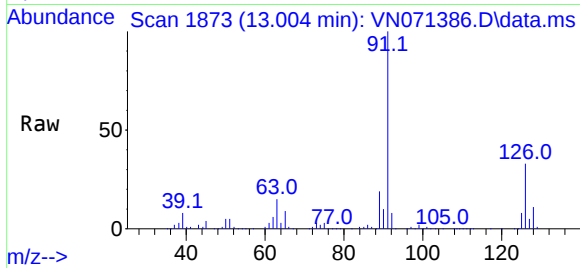




#79  
2-Chlorotoluene  
Concen: 45.650 ug/l  
RT: 13.004 min Scan# 1873  
Delta R.T. -0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

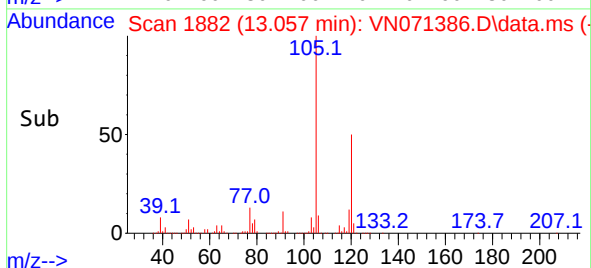
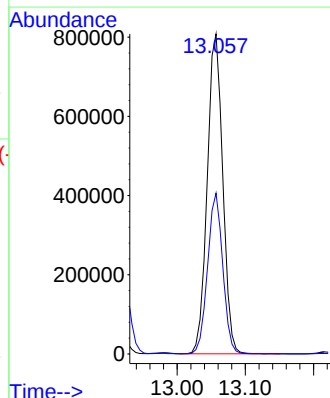
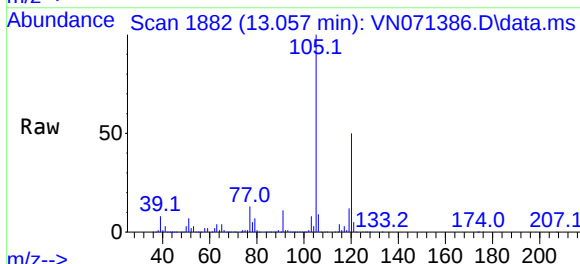
Instrument :  
MSVOA\_N  
ClientSampleId :

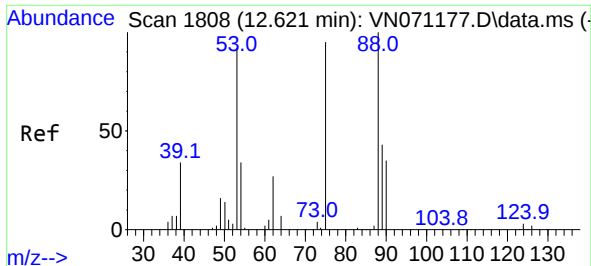
Tgt Ion: 91 Resp: 1088859  
Ion Ratio Lower Upper  
91 100  
126 33.0 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 47.474 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion:105 Resp: 1278937  
Ion Ratio Lower Upper  
105 100  
120 49.1 24.6 73.6

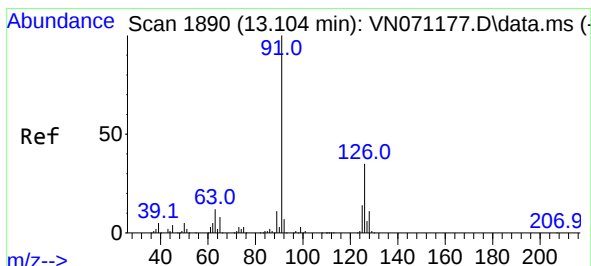
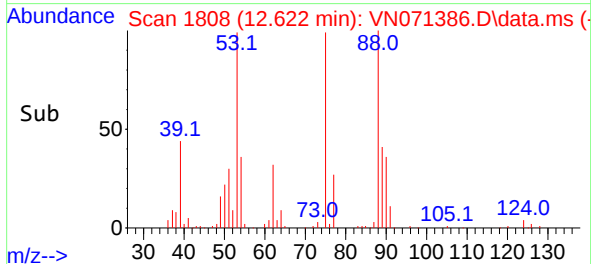
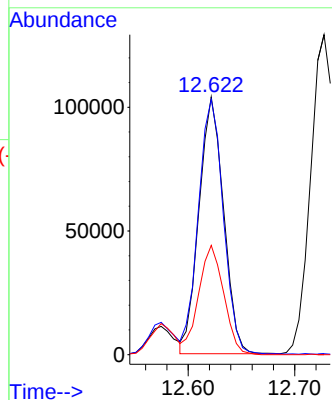
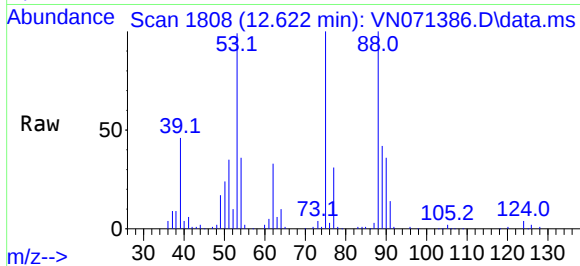




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.136 ug/l  
RT: 12.622 min Scan# 1808  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

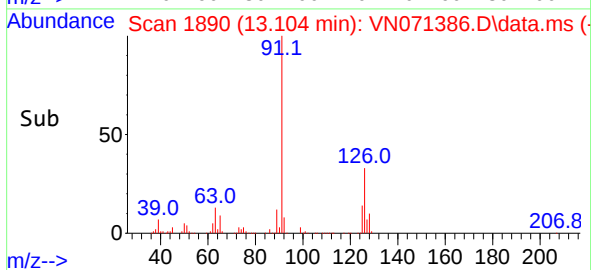
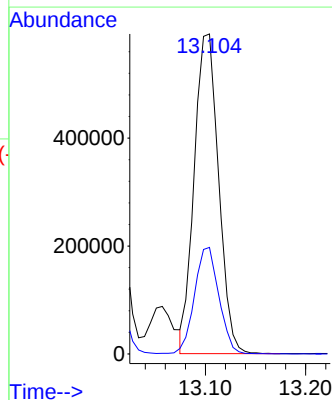
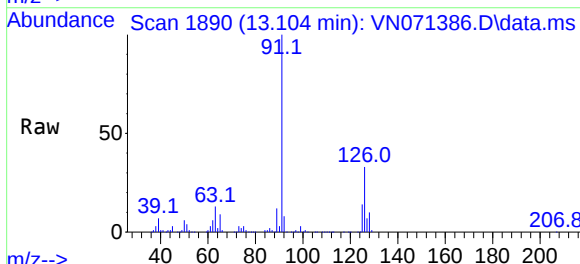
Instrument :  
MSVOA\_N  
ClientSampleId :

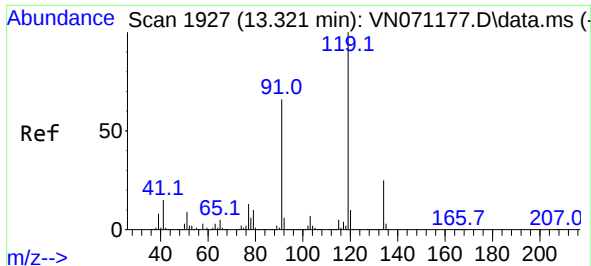
Tgt Ion: 75 Resp: 166597  
Ion Ratio Lower Upper  
75 100  
53 101.5 90.5 135.7  
89 43.5 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 47.069 ug/l  
RT: 13.104 min Scan# 1890  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

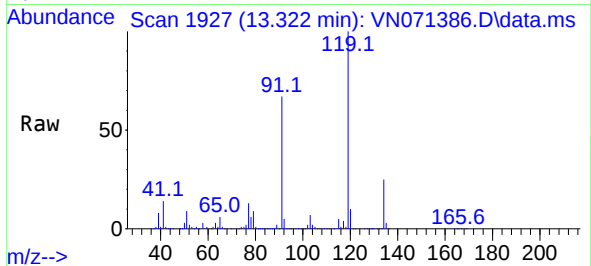
Tgt Ion: 91 Resp: 1000020  
Ion Ratio Lower Upper  
91 100  
126 33.5 18.2 54.6





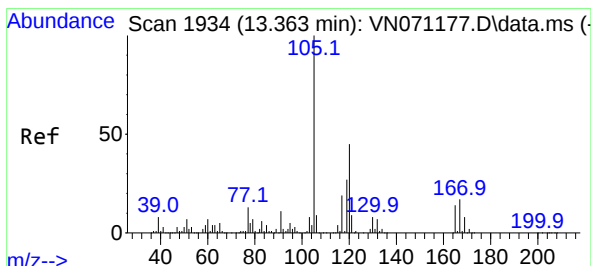
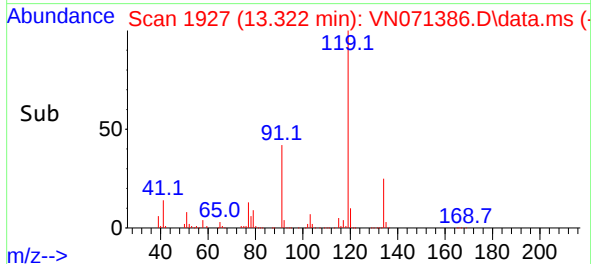
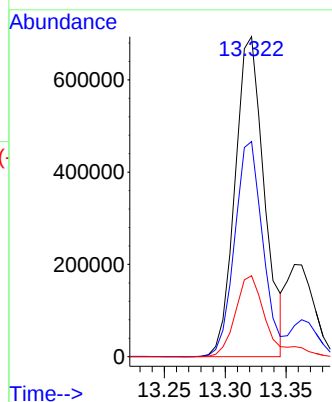
#83  
tert-Butylbenzene  
Concen: 48.227 ug/l  
RT: 13.322 min Scan# 1927  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion:119 Resp: 1159465

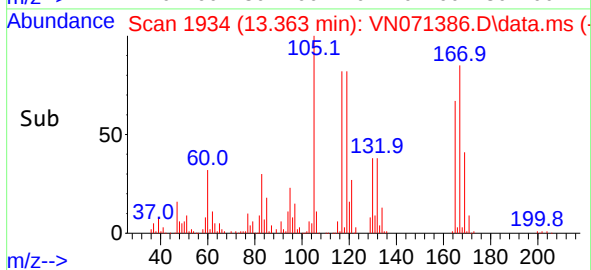
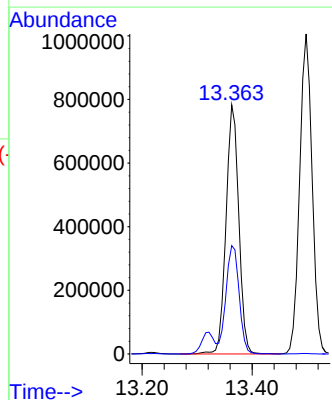
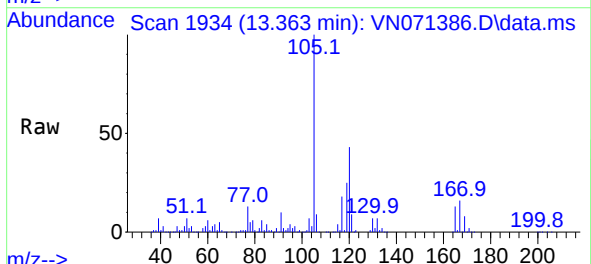
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100   |       |       |
| 91  | 64.5  | 31.5  | 94.5  |
| 134 | 27.1  | 12.4  | 37.4  |

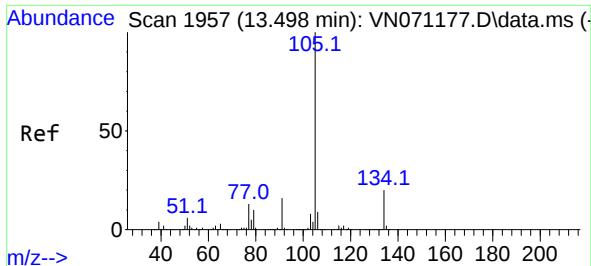


#84  
1,2,4-Trimethylbenzene  
Concen: 48.825 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion:105 Resp: 1259877

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 45.3  | 22.8  | 68.4  |

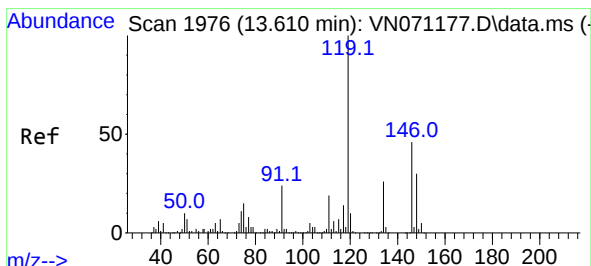
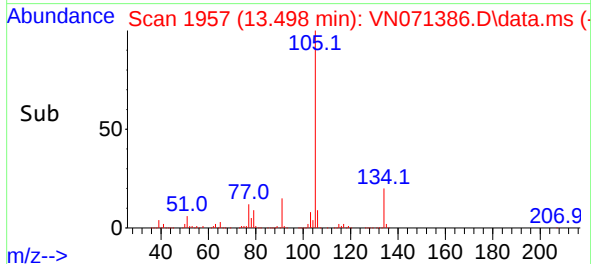
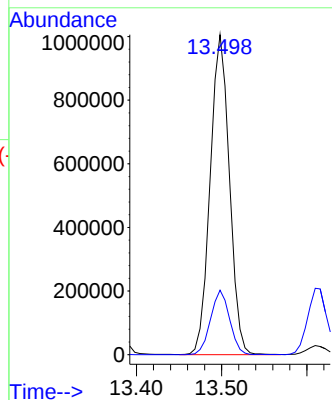
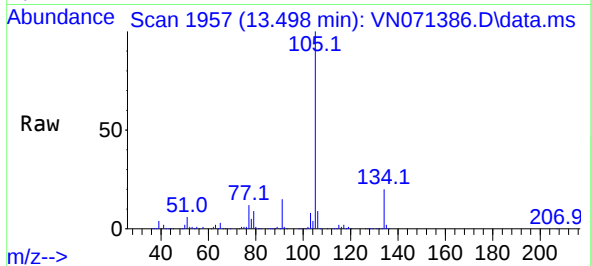




#85  
 sec-Butylbenzene  
 Concen: 49.343 ug/l  
 RT: 13.498 min Scan# 1957  
 Delta R.T. 0.000 min  
 Lab File: VN071386.D  
 Acq: 18 Mar 2022 20:44

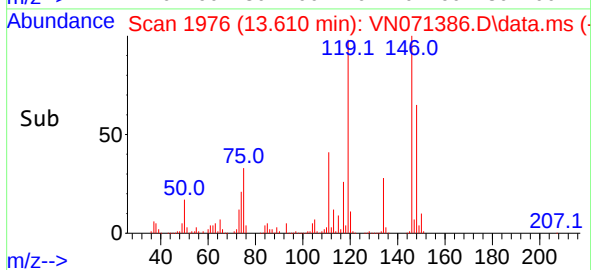
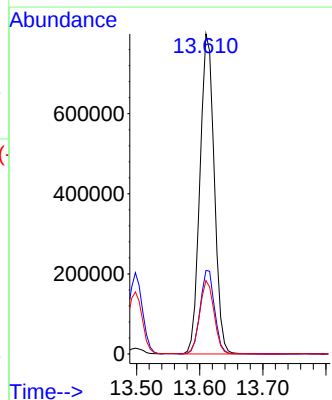
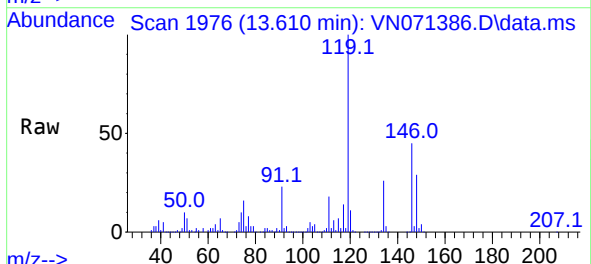
Instrument :  
 MSVOA\_N  
 ClientSampleId :

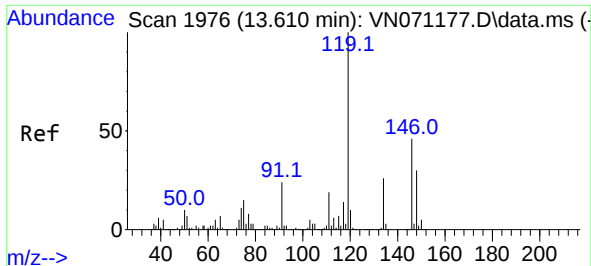
Tgt Ion:105 Resp: 1576792  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 50.035 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. 0.000 min  
 Lab File: VN071386.D  
 Acq: 18 Mar 2022 20:44

Tgt Ion:119 Resp: 1257431  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 13.6 40.7  
 91 22.9 11.4 34.1

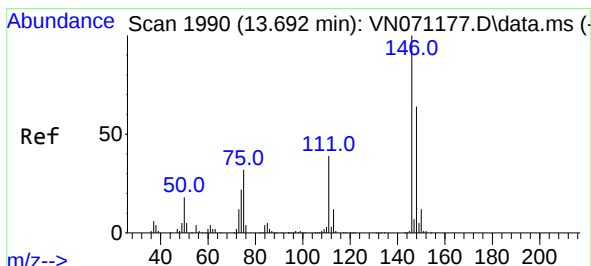
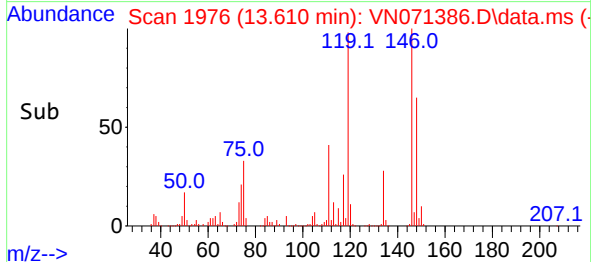
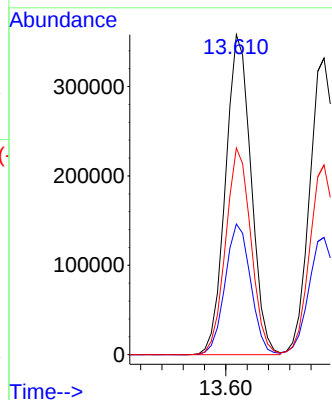
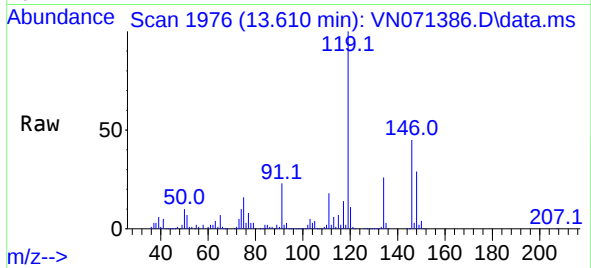




#87  
1,3-Dichlorobenzene  
Concen: 45.431 ug/l  
RT: 13.610 min Scan# 1976  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

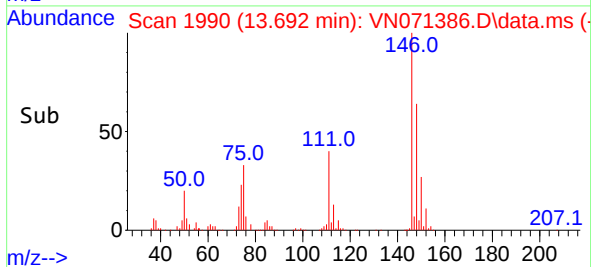
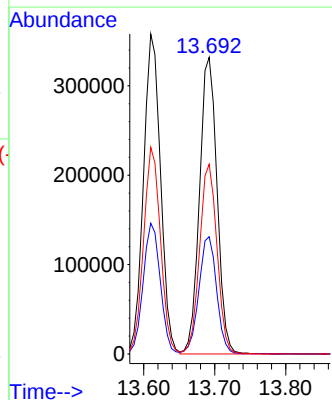
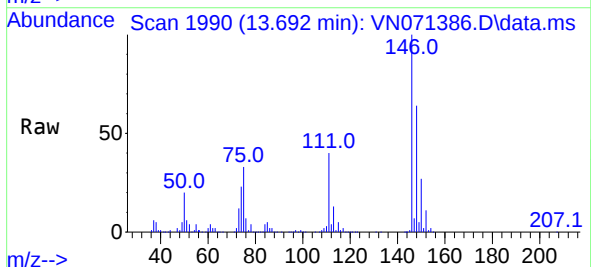
Instrument :  
MSVOA\_N  
ClientSampleId :

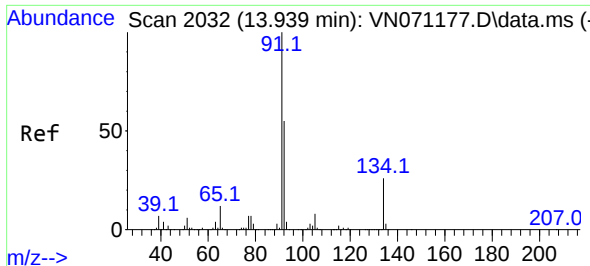
Tgt Ion:146 Resp: 596044  
Ion Ratio Lower Upper  
146 100  
111 41.1 18.6 55.6  
148 64.0 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 44.532 ug/l  
RT: 13.692 min Scan# 1990  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

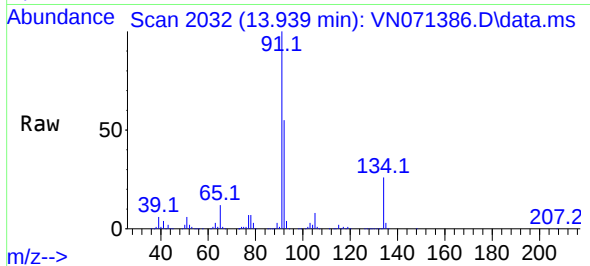
Tgt Ion:146 Resp: 571103  
Ion Ratio Lower Upper  
146 100  
111 39.8 18.3 54.8  
148 63.7 31.8 95.4



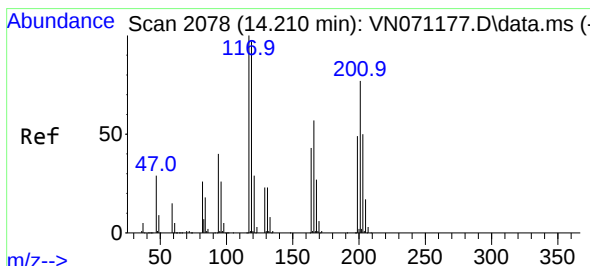
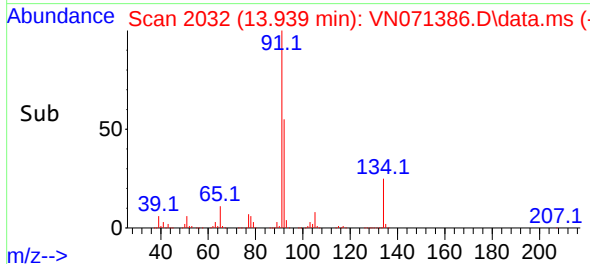
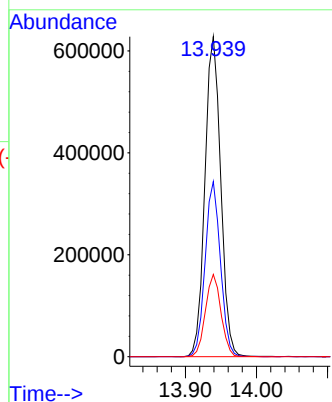


#89  
n-Butylbenzene  
Concen: 49.598 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Instrument :  
MSVOA\_N  
ClientSampleId :

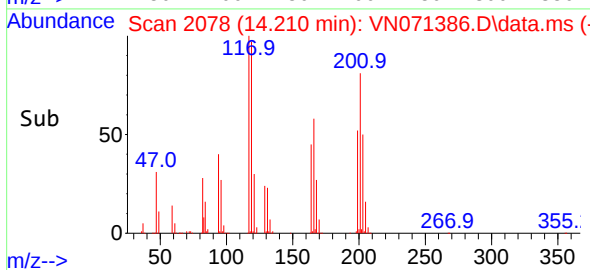
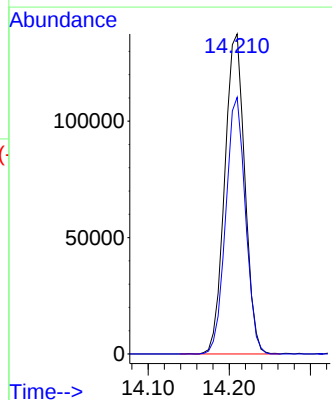
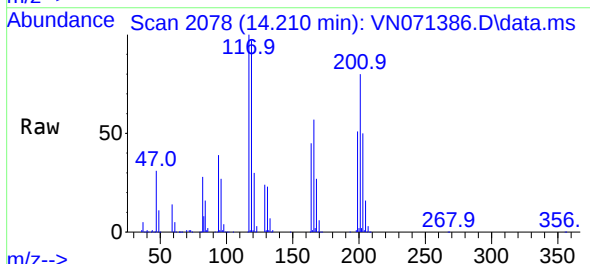


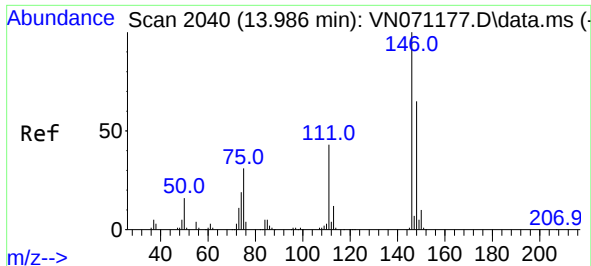
Tgt Ion: 91 Resp: 974905  
Ion Ratio Lower Upper  
91 100  
92 53.0 25.4 76.0  
134 25.3 13.6 40.8



#90  
Hexachloroethane  
Concen: 47.350 ug/l  
RT: 14.210 min Scan# 2078  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

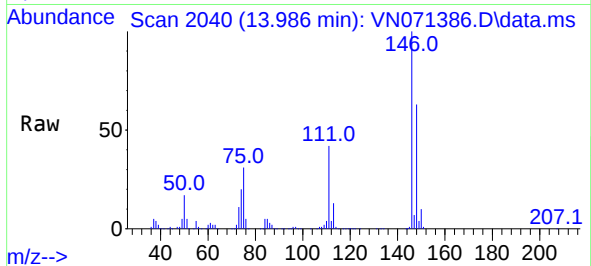
Tgt Ion: 117 Resp: 236639  
Ion Ratio Lower Upper  
117 100  
201 78.5 43.9 131.6



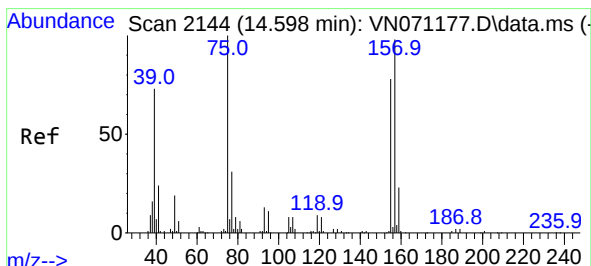
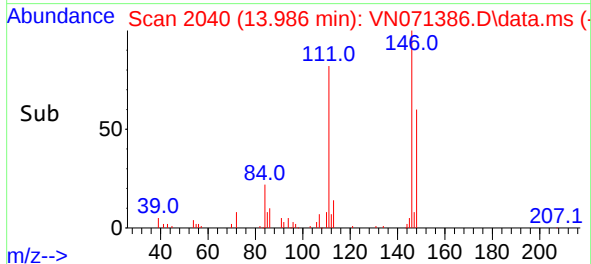
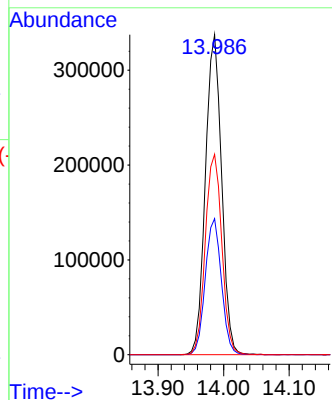


#91  
1,2-Dichlorobenzene  
Concen: 45.949 ug/l  
RT: 13.986 min Scan# 2040  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Instrument :  
MSVOA\_N  
ClientSampleId :

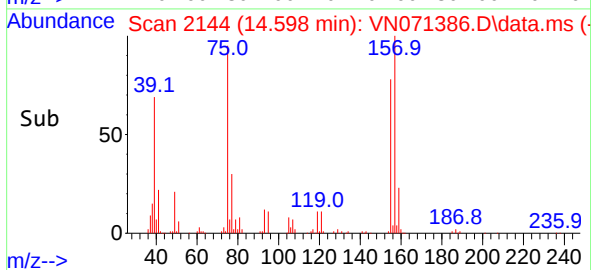
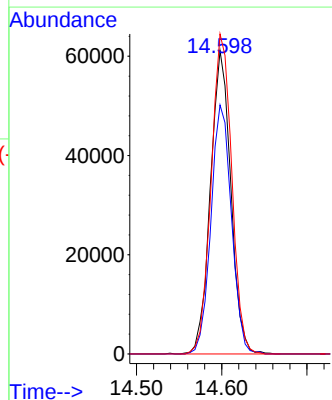
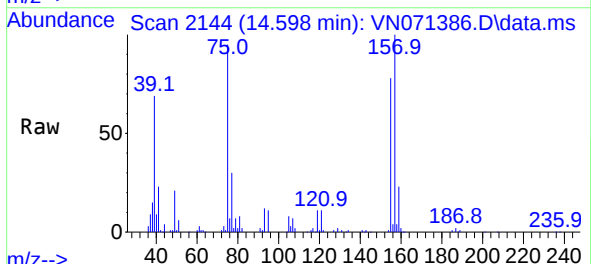


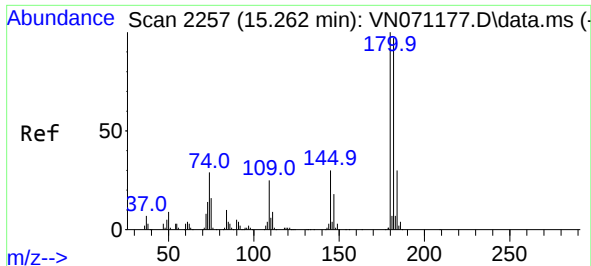
Tgt Ion:146 Resp: 579571  
Ion Ratio Lower Upper  
146 100  
111 42.4 19.1 57.3  
148 64.0 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 50.268 ug/l  
RT: 14.598 min Scan# 2144  
Delta R.T. 0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

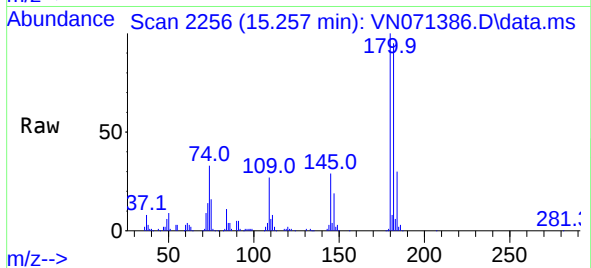
Tgt Ion: 75 Resp: 101277  
Ion Ratio Lower Upper  
75 100  
155 82.8 46.9 140.7  
157 107.1 60.6 181.7



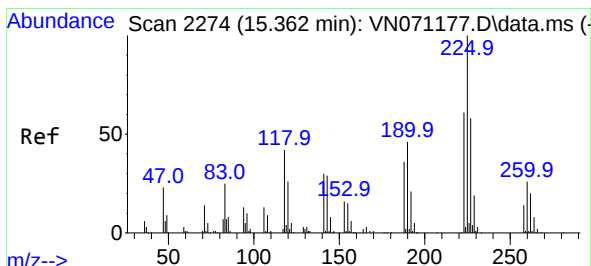
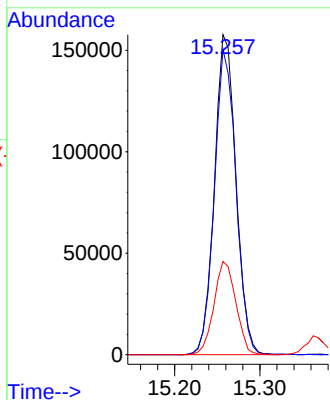
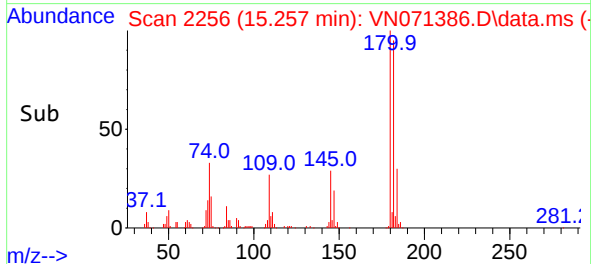


#93  
1,2,4-Trichlorobenzene  
Concen: 47.248 ug/l  
RT: 15.257 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

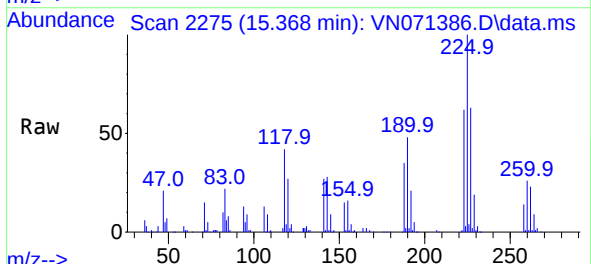
Instrument :  
MSVOA\_N  
ClientSampleId :



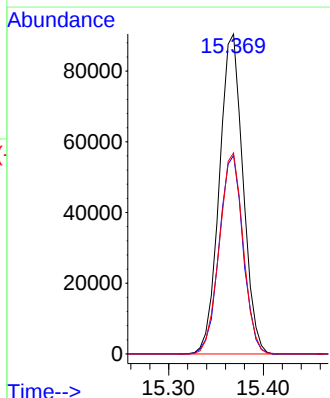
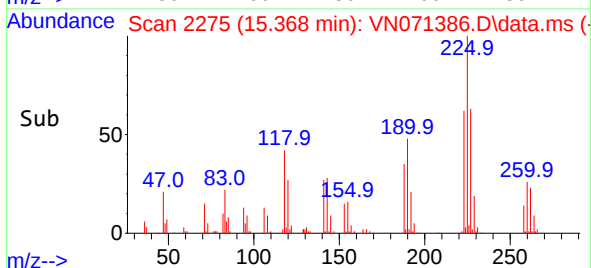
Tgt Ion:180 Resp: 277114  
Ion Ratio Lower Upper  
180 100  
182 95.2 48.3 144.9  
145 29.7 14.5 43.5

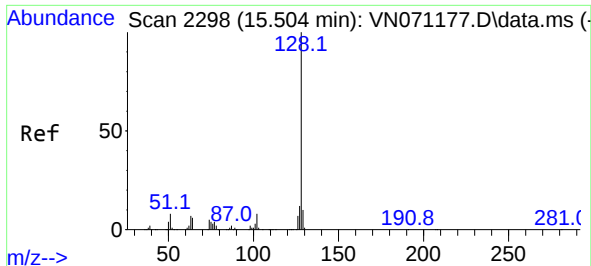


#94  
Hexachlorobutadiene  
Concen: 44.284 ug/l  
RT: 15.368 min Scan# 2275  
Delta R.T. 0.006 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44



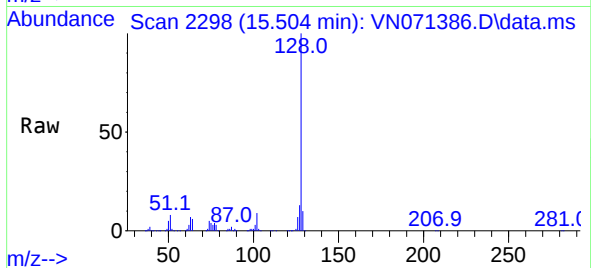
Tgt Ion:225 Resp: 156806  
Ion Ratio Lower Upper  
225 100  
223 62.5 31.9 95.7  
227 63.2 32.1 96.3



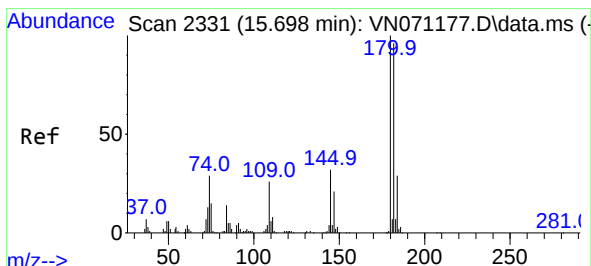
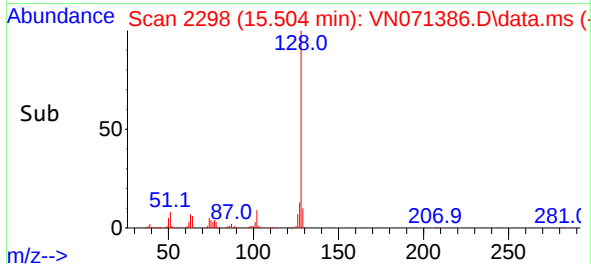
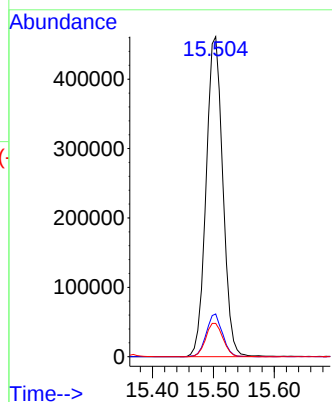


#95  
Naphthalene  
Concen: 53.120 ug/l  
RT: 15.504 min Scan# 2298  
Delta R.T. -0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion:128 Resp: 880521  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.5 15.7  
129 10.8 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 49.863 ug/l  
RT: 15.698 min Scan# 2331  
Delta R.T. -0.000 min  
Lab File: VN071386.D  
Acq: 18 Mar 2022 20:44

Tgt Ion:180 Resp: 281155  
Ion Ratio Lower Upper  
180 100  
182 96.4 47.4 142.2  
145 31.7 15.0 45.1

