

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN030921\  
 Data File : VN066151.D  
 Acq On : 9 Mar 2021 11:18  
 Operator : JC/MD  
 Sample : VSTDIC100  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Mar 09 11:44:49 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030921W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 09 11:33:24 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.590  | 168  | 189645   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.518  | 114  | 333496   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.350 | 117  | 330399   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.286 | 152  | 164410   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 7.952  | 65    | 362886   | 118.83   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 237.66%# |
| 35) Dibromofluoromethane    | 7.512  | 113   | 228099   | 106.65   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 213.30%# |
| 50) Toluene-d8              | 10.030 | 98    | 946912   | 113.21   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 226.42%# |
| 62) 4-Bromofluorobenzene    | 12.345 | 95    | 369621   | 115.36   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 230.72%# |

|                              |       |     |         |         |           |
|------------------------------|-------|-----|---------|---------|-----------|
| Target Compounds             |       |     |         |         | Qvalue    |
| 2) Dichlorodifluoromethane   | 1.818 | 85  | 241114  | 99.64   | ug/l 95   |
| 3) Chloromethane             | 2.017 | 50  | 424746  | 141.72  | ug/l 99   |
| 4) Vinyl Chloride            | 2.148 | 62  | 351103  | 124.92  | ug/l 99   |
| 5) Bromomethane              | 2.507 | 94  | 180384  | 97.07   | ug/l 97   |
| 6) Chloroethane              | 2.652 | 64  | 195587  | 129.71  | ug/l 99   |
| 7) Trichlorofluoromethane    | 2.963 | 101 | 359293  | 86.44   | ug/l 99   |
| 8) Diethyl Ether             | 3.344 | 74  | 150725  | 117.63  | ug/l 52   |
| 9) 1,1,2-Trichlorotrifluo... | 3.685 | 101 | 170866  | 96.76   | ug/l 91   |
| 10) Methyl Iodide            | 3.873 | 142 | 235065  | 90.43   | ug/l # 88 |
| 11) Tert butyl alcohol       | 4.709 | 59  | 327217  | 741.17  | ug/l 99   |
| 12) 1,1-Dichloroethene       | 3.661 | 96  | 180885  | 92.64   | ug/l # 66 |
| 13) Acrolein                 | 3.532 | 56  | 172801  | 506.45  | ug/l 95   |
| 14) Allyl chloride           | 4.232 | 41  | 631816  | 178.59  | ug/l # 86 |
| 15) Acrylonitrile            | 4.886 | 53  | 953475  | 933.07  | ug/l 100  |
| 16) Acetone                  | 3.741 | 43  | 863704  | 854.17  | ug/l # 87 |
| 17) Carbon Disulfide         | 3.966 | 76  | 604279  | 103.69  | ug/l 99   |
| 18) Methyl Acetate           | 4.240 | 43  | 486056  | 207.60  | ug/l # 85 |
| 19) Methyl tert-butyl Ether  | 4.951 | 73  | 896502  | 118.32  | ug/l 91   |
| 20) Methylene Chloride       | 4.457 | 84  | 263832  | 112.66  | ug/l # 73 |
| 21) trans-1,2-Dichloroethene | 4.935 | 96  | 234855  | 112.57  | ug/l # 73 |
| 22) Diisopropyl ether        | 5.863 | 45  | 1251854 | 176.67  | ug/l # 90 |
| 23) Vinyl Acetate            | 5.801 | 43  | 5508018 | 903.81  | ug/l # 90 |
| 24) 1,1-Dichloroethane       | 5.750 | 63  | 552897  | 135.66  | ug/l 95   |
| 25) 2-Butanone               | 6.748 | 43  | 1496859 | 1049.10 | ug/l # 83 |
| 26) 2,2-Dichloropropane      | 6.729 | 77  | 442123  | 111.22  | ug/l 92   |
| 27) cis-1,2-Dichloroethene   | 6.737 | 96  | 278182  | 111.79  | ug/l 72   |
| 28) Bromochloromethane       | 7.107 | 49  | 326969  | 182.12  | ug/l # 62 |
| 29) Tetrahydrofuran          | 7.128 | 42  | 1023034 | 1077.86 | ug/l # 78 |
| 30) Chloroform               | 7.289 | 83  | 499119  | 115.64  | ug/l 99   |
| 31) Cyclohexane              | 7.574 | 56  | 500919  | 132.33  | ug/l # 80 |
| 32) 1,1,1-Trichloroethane    | 7.488 | 97  | 413982  | 104.96  | ug/l 95   |
| 36) 1,1-Dichloropropene      | 7.716 | 75  | 381451  | 118.06  | ug/l 94   |
| 37) Ethyl Acetate            | 6.844 | 43  | 593254  | 198.74  | ug/l # 93 |
| 38) Carbon Tetrachloride     | 7.694 | 117 | 334598  | 94.06   | ug/l 99   |
| 39) Methylcyclohexane        | 9.014 | 83  | 412622  | 118.66  | ug/l # 82 |
| 40) Benzene                  | 7.965 | 78  | 1152432 | 119.99  | ug/l 99   |

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 Operator : JC/MD  
 Sample : VSTDIC100  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Mar 09 11:44:49 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030921W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 09 11:33:24 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.083  | 41   | 285389   | 189.54  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.051  | 62   | 459824   | 120.29  | ug/l   | 94       |
| 43) Isopropyl Acetate         | 8.094  | 43   | 986821   | 181.83  | ug/l # | 83       |
| 44) Trichloroethene           | 8.767  | 130  | 266136   | 102.49  | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 9.051  | 63   | 356781   | 141.81  | ug/l   | 99       |
| 46) Dibromomethane            | 9.143  | 93   | 193428   | 124.73  | ug/l   | 91       |
| 47) Bromodichloromethane      | 9.338  | 83   | 421699   | 117.65  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.137  | 41   | 494497   | 188.51  | ug/l # | 77       |
| 49) 1,4-Dioxane               | 9.137  | 88   | 88479    | 2256.70 | ug/l # | 70       |
| 51) 4-Methyl-2-Pentanone      | 9.923  | 43   | 3081497  | 1004.31 | ug/l   | 89       |
| 52) Toluene                   | 10.095 | 92   | 695573   | 114.74  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.323 | 75   | 524594   | 125.88  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.778  | 75   | 547086   | 125.96  | ug/l # | 86       |
| 55) 1,1,2-Trichloroethane     | 10.502 | 97   | 277732   | 120.49  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.371 | 69   | 511799   | 150.30  | ug/l # | 76       |
| 57) 1,3-Dichloropropane       | 10.647 | 76   | 533225   | 133.23  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.633  | 63   | 905424   | 695.03  | ug/l # | 86       |
| 59) 2-Hexanone                | 10.693 | 43   | 2331372  | 1106.58 | ug/l   | 87       |
| 60) Dibromochloromethane      | 10.843 | 129  | 301789   | 115.55  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 10.948 | 107  | 293416   | 126.07  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.572 | 164  | 262597   | 96.08   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.377 | 112  | 730685   | 105.58  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.452 | 131  | 269657   | 103.05  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.454 | 91   | 1377231  | 109.39  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.564 | 106  | 997520   | 207.63  | ug/l   | 93       |
| 69) o-Xylene                  | 11.892 | 106  | 487997   | 103.82  | ug/l   | 94       |
| 70) Styrene                   | 11.908 | 104  | 833065   | 112.30  | ug/l   | 95       |
| 71) Bromoform                 | 12.071 | 173  | 216438   | 116.97  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.192 | 105  | 1289877  | 96.72   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.015 | 43   | 845657   | 227.65  | ug/l # | 87       |
| 75) 1,1,2,2-Tetrachloroethane | 12.449 | 83   | 453393   | 122.23  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.498 | 75   | 639532   | 170.16  | ug/l # | 100      |
| 77) Bromobenzene              | 12.468 | 156  | 301836   | 98.13   | ug/l   | 70       |
| 78) n-propylbenzene           | 12.535 | 91   | 1567246  | 106.64  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 12.618 | 91   | 926155   | 98.65   | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 12.677 | 105  | 1105923  | 93.87   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.246 | 75   | 178120   | 136.29  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 12.718 | 91   | 982607   | 101.33  | ug/l   | 94       |
| 83) tert-Butylbenzene         | 12.938 | 119  | 913730   | 94.63   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 12.983 | 105  | 1115384  | 96.79   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.115 | 105  | 1247239  | 103.69  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.233 | 119  | 1128730  | 101.51  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.227 | 146  | 551920   | 102.61  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.308 | 146  | 558622   | 99.06   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.557 | 91   | 1066515  | 118.45  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.817 | 117  | 177359   | 104.82  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.595 | 146  | 541020   | 101.66  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.211 | 75   | 109627   | 96.48   | ug/l   | 80       |
| 93) 1,2,4-Trichlorobenzene    | 14.850 | 180  | 342175   | 118.90  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.949 | 225  | 153738   | 111.24  | ug/l   | 99       |
| 95) Naphthalene               | 15.070 | 128  | 1083327  | 115.48  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.247 | 180  | 340945   | 109.14  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN030921\  
Data File : VN066151.D  
Acq On : 9 Mar 2021 11:18  
Operator : JC/MD  
Sample : VSTDICC100  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

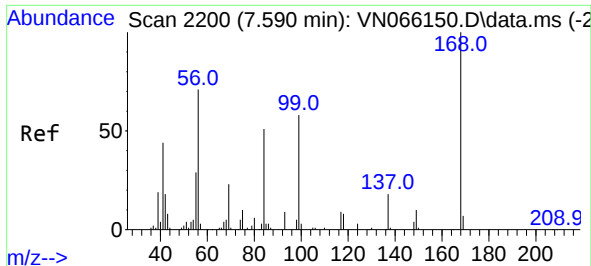
Quant Time: Mar 09 11:44:49 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030921W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 09 11:33:24 2021  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030921W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 09 11:33:24 2021  
Response via : Initial Calibration

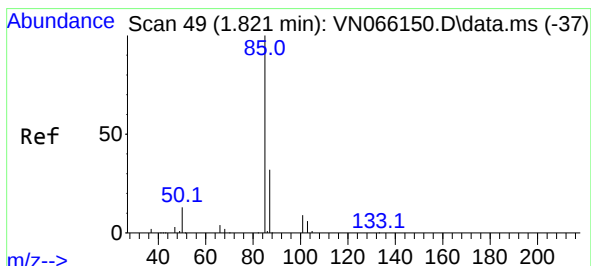
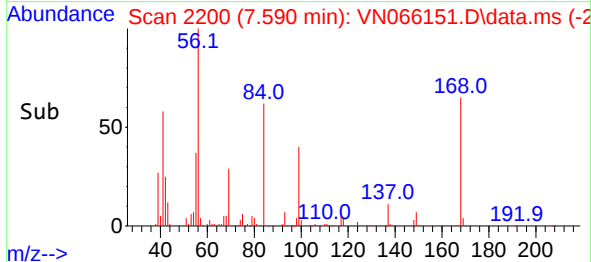
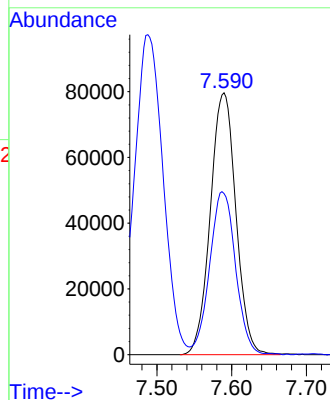
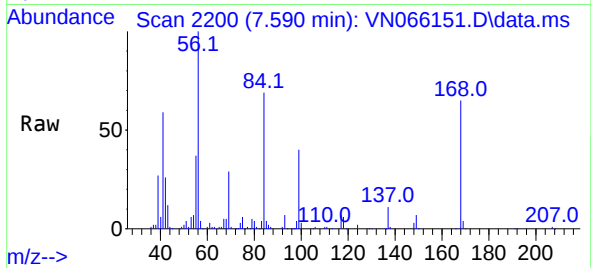




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.590 min Scan# 2200  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

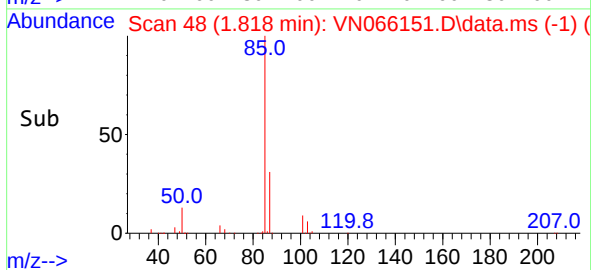
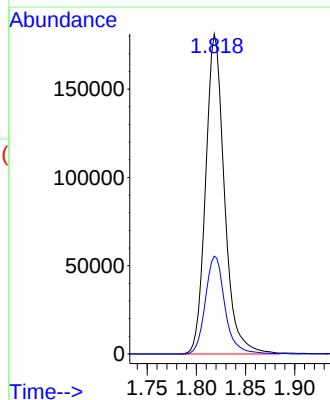
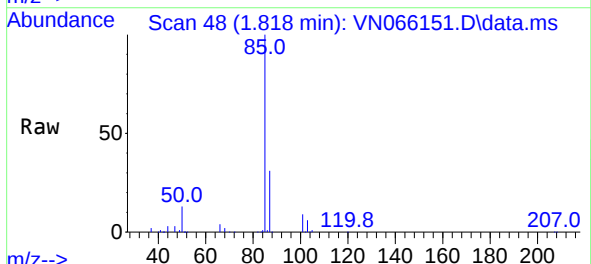
Instrument :  
MSVOA\_N  
ClientSampled :

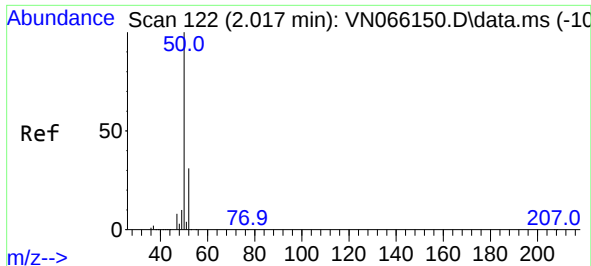
Tgt Ion:168 Resp: 189645  
Ion Ratio Lower Upper  
168 100  
99 61.3 42.6 63.8



#2  
Dichlorodifluoromethane  
Concen: 99.64 ug/l  
RT: 1.818 min Scan# 48  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 85 Resp: 241114  
Ion Ratio Lower Upper  
85 100  
87 30.5 16.6 49.8

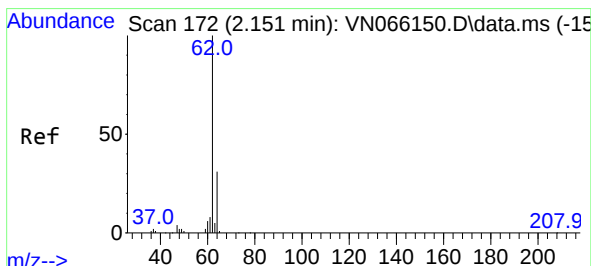
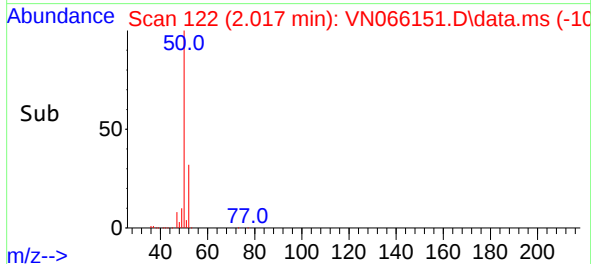
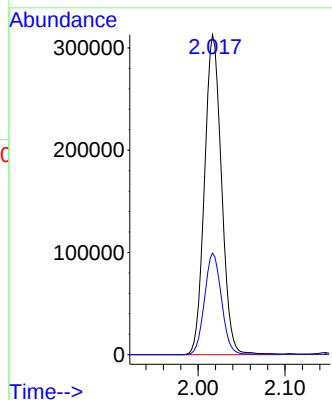
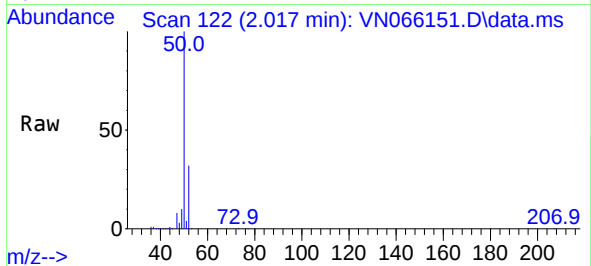




#3  
Chloromethane  
Concen: 141.72 ug/l  
RT: 2.017 min Scan# 122  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

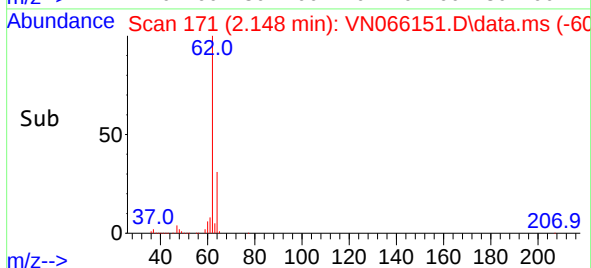
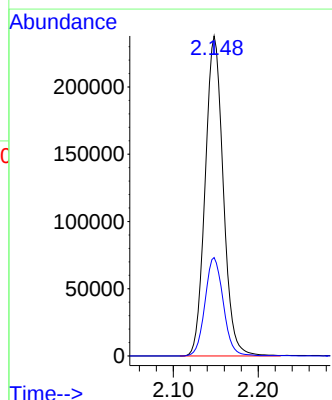
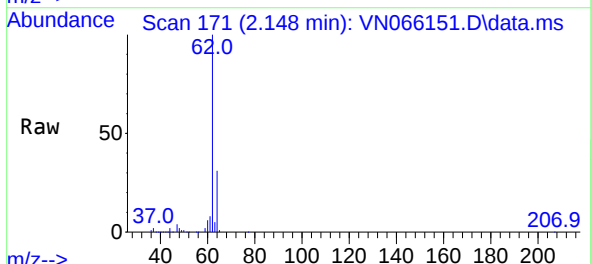
Instrument :  
MSVOA\_N  
ClientSampled :

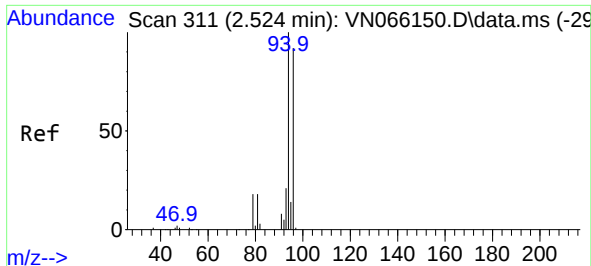
Tgt Ion: 50 Resp: 424746  
Ion Ratio Lower Upper  
50 100  
52 31.7 25.8 38.8



#4  
Vinyl Chloride  
Concen: 124.92 ug/l  
RT: 2.148 min Scan# 171  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 62 Resp: 351103  
Ion Ratio Lower Upper  
62 100  
64 30.7 25.1 37.7

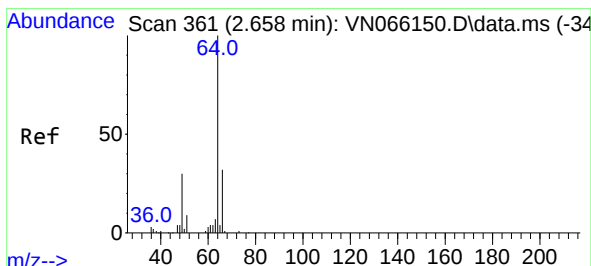
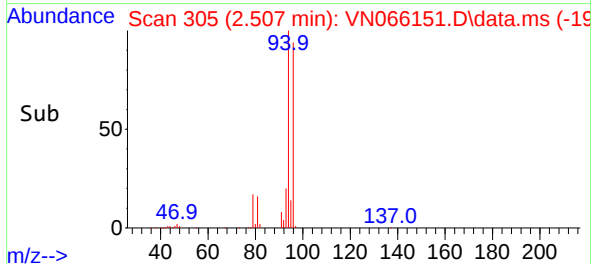
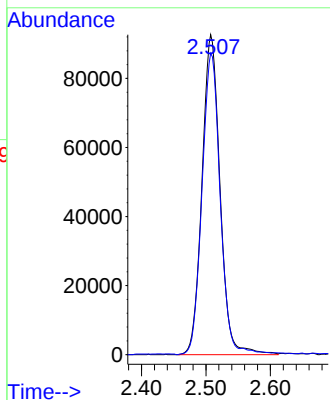
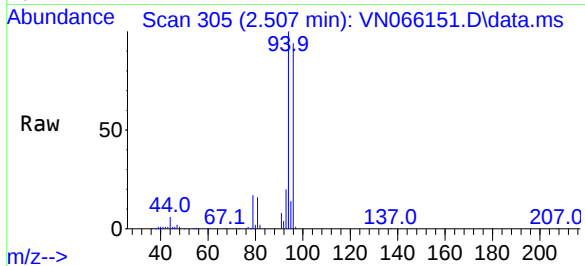




#5  
Bromomethane  
Concen: 97.07 ug/l  
RT: 2.507 min Scan# 305  
Delta R.T. -0.016 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

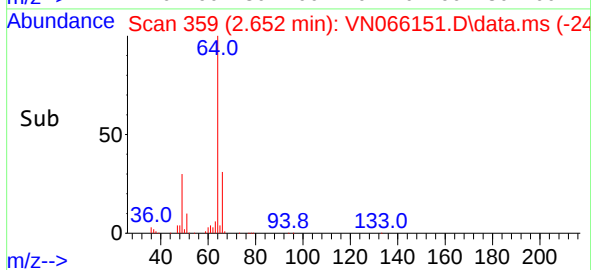
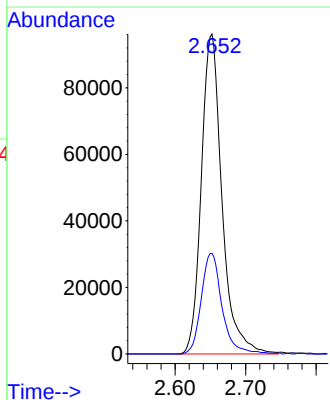
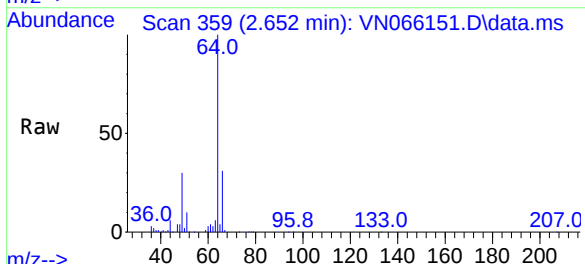
Instrument :  
MSVOA\_N  
ClientSampled :

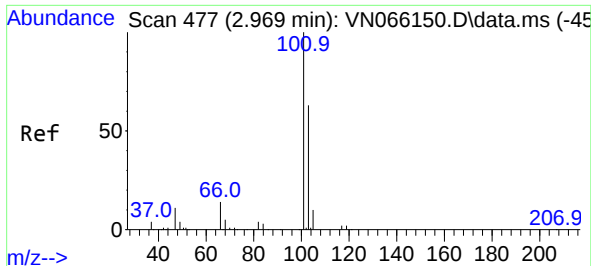
Tgt Ion: 94 Resp: 180384  
Ion Ratio Lower Upper  
94 100  
96 94.2 73.0 109.4



#6  
Chloroethane  
Concen: 129.71 ug/l  
RT: 2.652 min Scan# 359  
Delta R.T. -0.005 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 64 Resp: 195587  
Ion Ratio Lower Upper  
64 100  
66 31.5 25.4 38.2

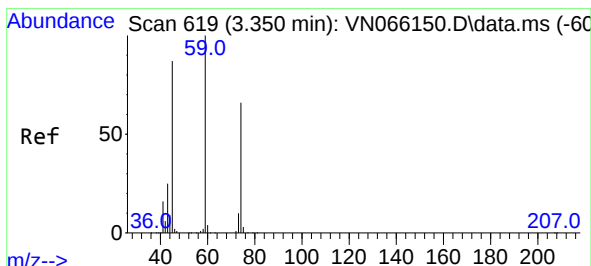
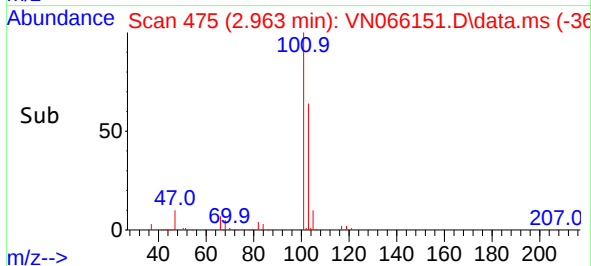
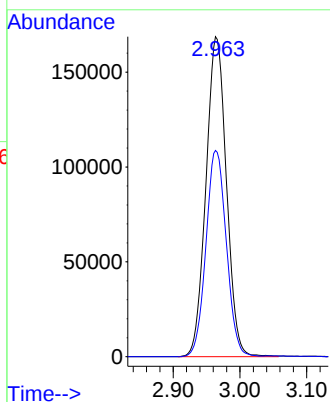
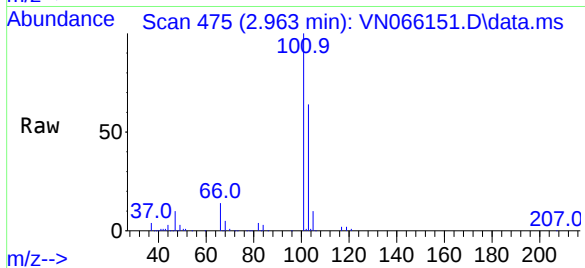




#7  
Trichlorofluoromethane  
Concen: 86.44 ug/l  
RT: 2.963 min Scan# 475  
Delta R.T. -0.005 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

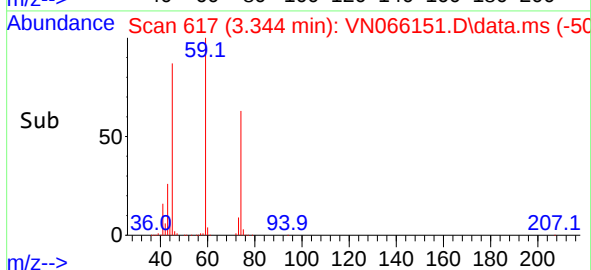
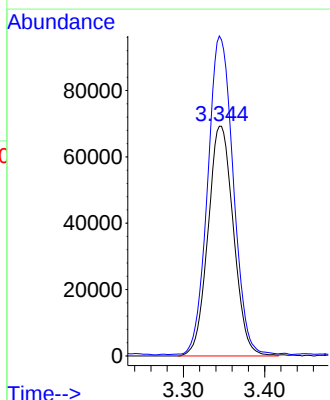
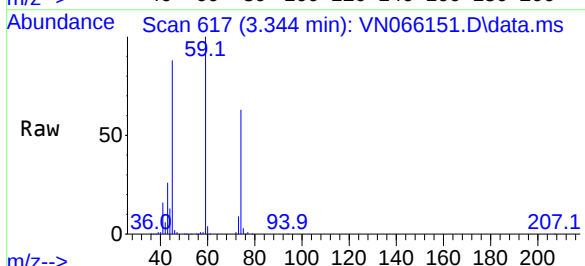
Instrument :  
MSVOA\_N  
ClientSampled :

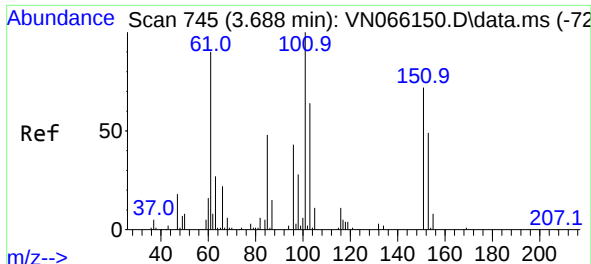
Tgt Ion:101 Resp: 359293  
Ion Ratio Lower Upper  
101 100  
103 64.5 52.1 78.1



#8  
Diethyl Ether  
Concen: 117.63 ug/l  
RT: 3.344 min Scan# 617  
Delta R.T. -0.005 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 74 Resp: 150725  
Ion Ratio Lower Upper  
74 100  
45 138.9 46.4 139.1

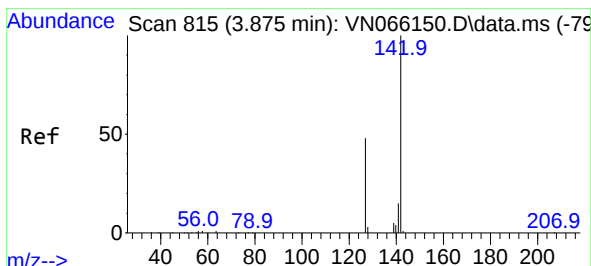
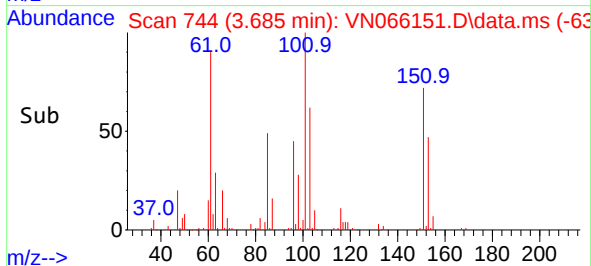
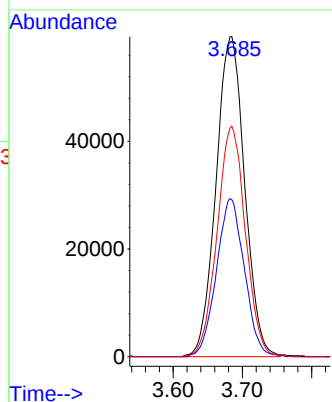
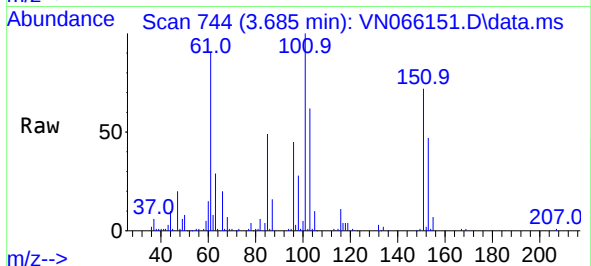




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 96.76 ug/l  
RT: 3.685 min Scan# 744  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

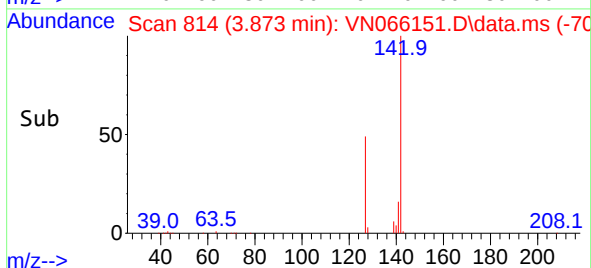
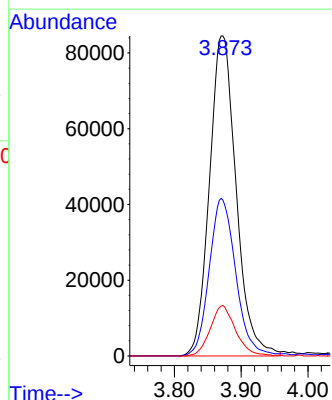
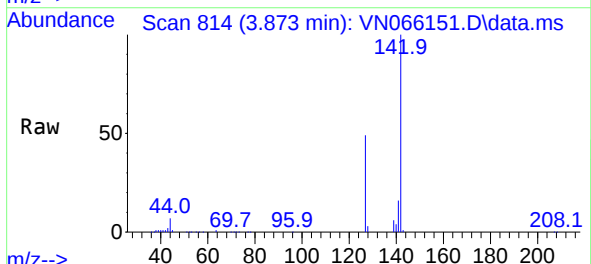
Instrument :  
MSVOA\_N  
ClientSampleId :

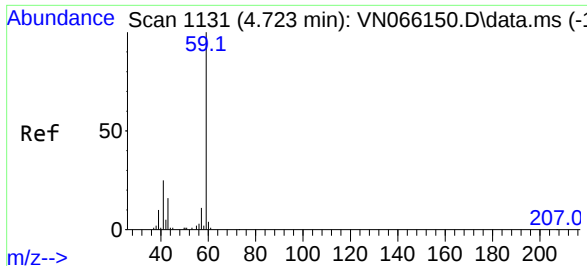
Tgt Ion:101 Resp: 170866  
Ion Ratio Lower Upper  
101 100  
85 48.2 34.6 51.8  
151 71.1 63.5 95.3



#10  
Methyl Iodide  
Concen: 90.43 ug/l  
RT: 3.873 min Scan# 814  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion:142 Resp: 235065  
Ion Ratio Lower Upper  
142 100  
127 48.9 31.7 47.5#  
141 14.9 10.9 16.3

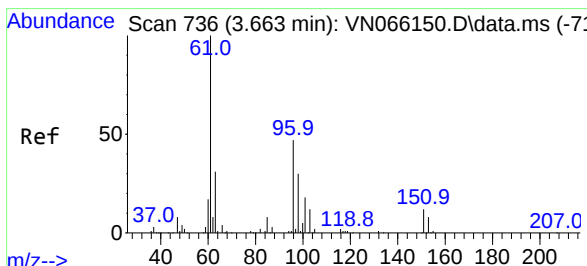
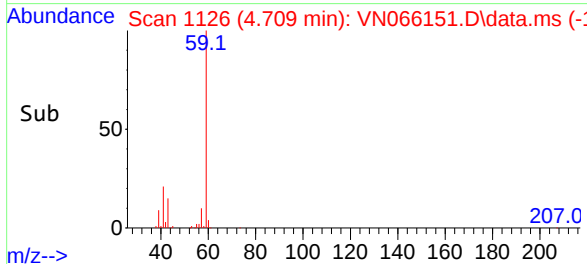
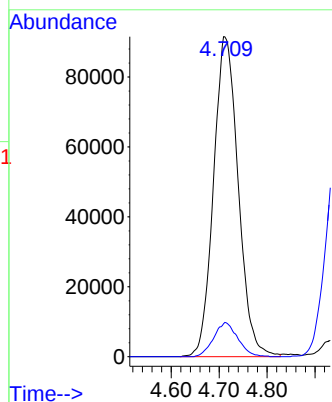
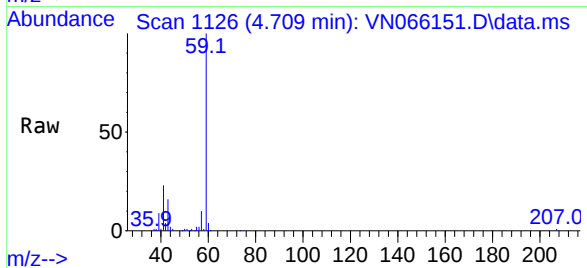




#11  
Tert butyl alcohol  
Concen: 741.17 ug/l  
RT: 4.709 min Scan# 1126  
Delta R.T. -0.013 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

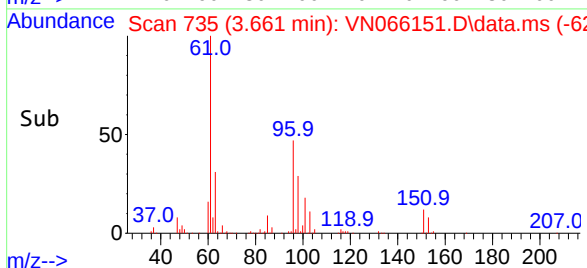
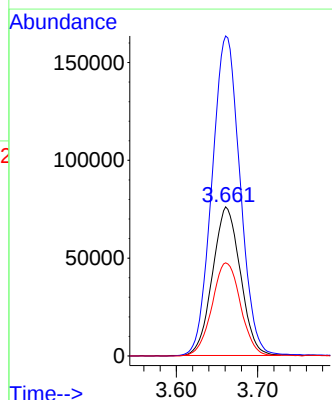
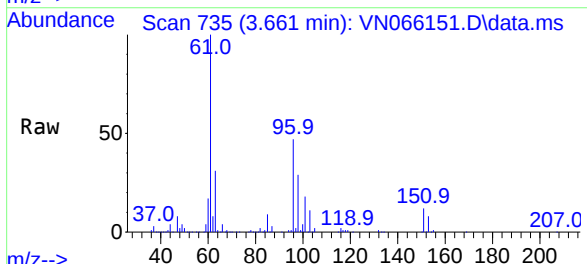
Instrument :  
MSVOA\_N  
ClientSampleId :

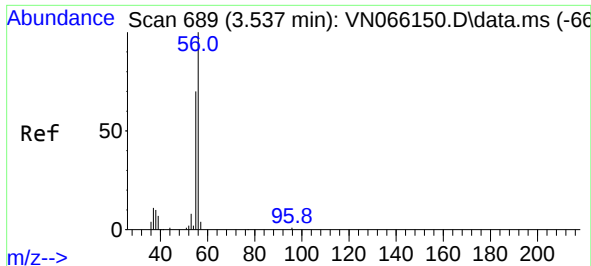
Tgt Ion: 59 Resp: 327217  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.0 12.0



#12  
1,1-Dichloroethene  
Concen: 92.64 ug/l  
RT: 3.661 min Scan# 735  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 96 Resp: 180885  
Ion Ratio Lower Upper  
96 100  
61 214.7 122.5 183.7#  
98 62.6 50.8 76.2

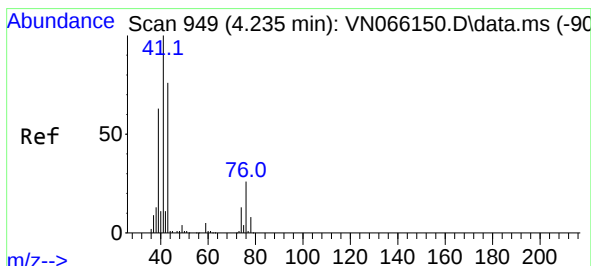
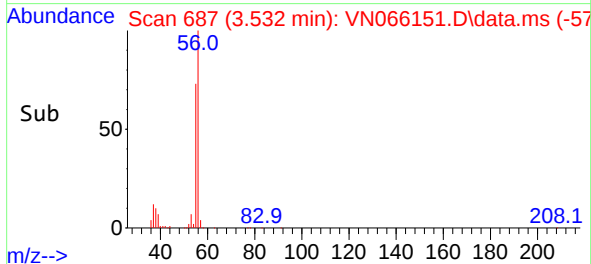
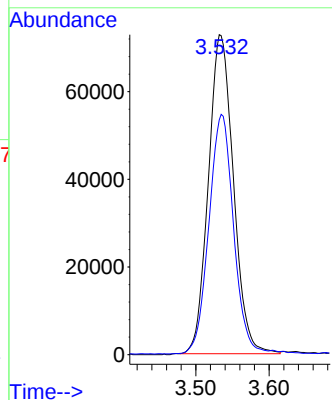
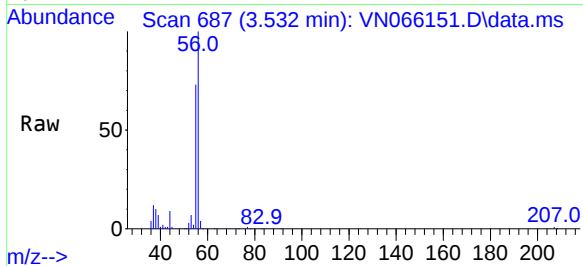




#13  
Acrolein  
Concen: 506.45 ug/l  
RT: 3.532 min Scan# 687  
Delta R.T. -0.005 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

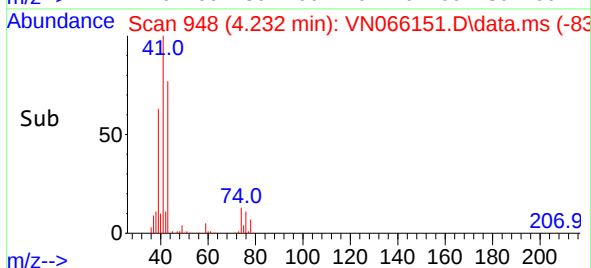
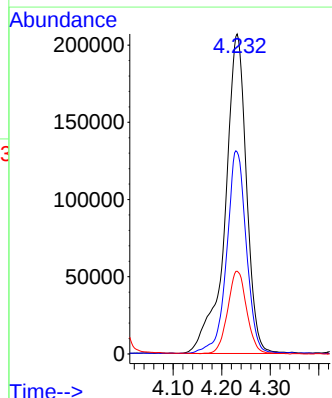
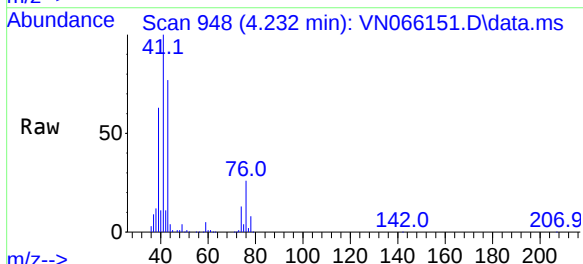
Instrument :  
MSVOA\_N  
ClientSampled :

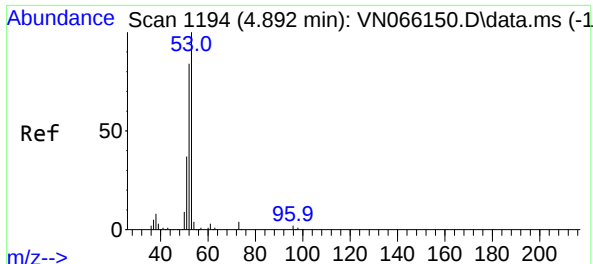
Tgt Ion: 56 Resp: 172801  
Ion Ratio Lower Upper  
56 100  
55 73.8 56.0 84.0



#14  
Allyl chloride  
Concen: 178.59 ug/l  
RT: 4.232 min Scan# 948  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 41 Resp: 631816  
Ion Ratio Lower Upper  
41 100  
39 58.2 53.0 79.4  
76 22.9 28.9 43.3#

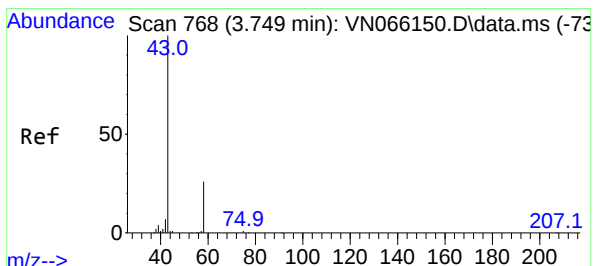
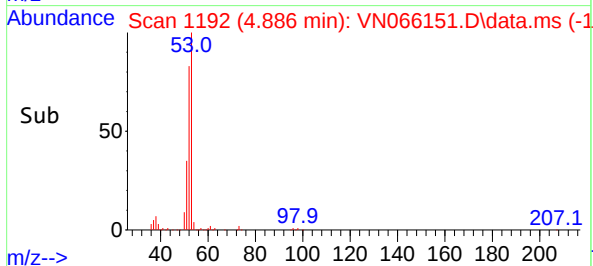
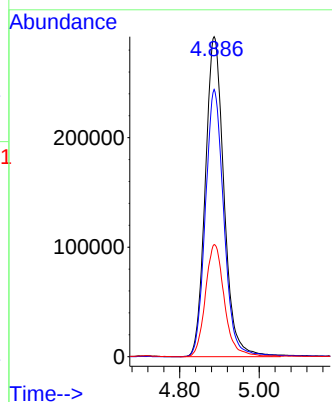
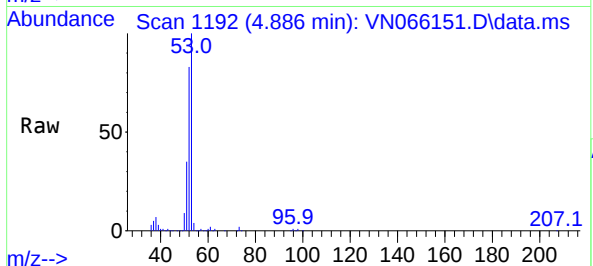




#15  
Acrylonitrile  
Concen: 933.07 ug/l  
RT: 4.886 min Scan# 1192  
Delta R.T. -0.005 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

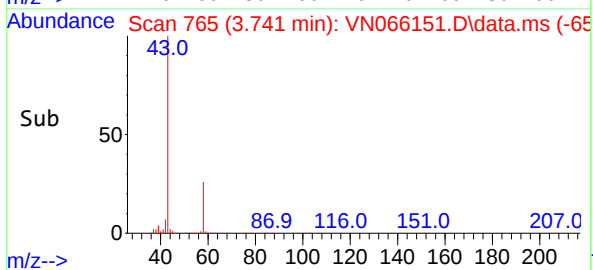
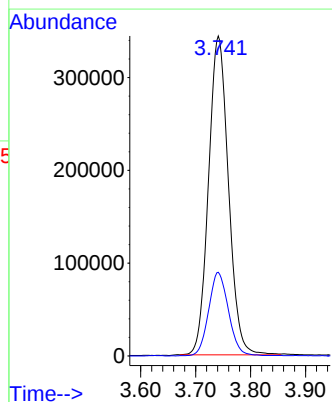
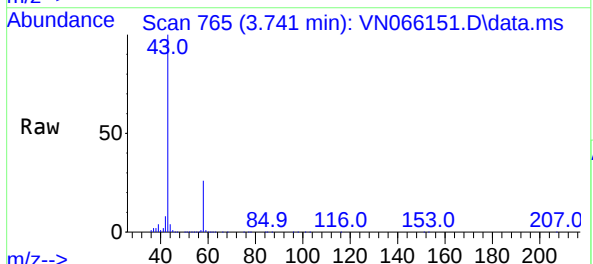
Instrument :  
MSVOA\_N  
ClientSampled :

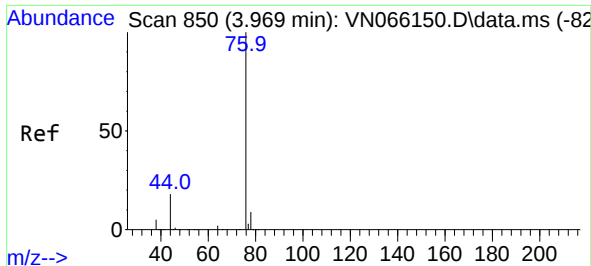
Tgt Ion: 53 Resp: 953475  
Ion Ratio Lower Upper  
53 100  
52 82.6 66.1 99.1  
51 35.7 27.9 41.9



#16  
Acetone  
Concen: 854.17 ug/l  
RT: 3.741 min Scan# 765  
Delta R.T. -0.008 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 43 Resp: 863704  
Ion Ratio Lower Upper  
43 100  
58 26.1 27.0 40.6#

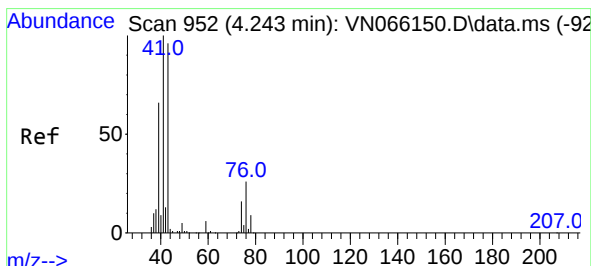
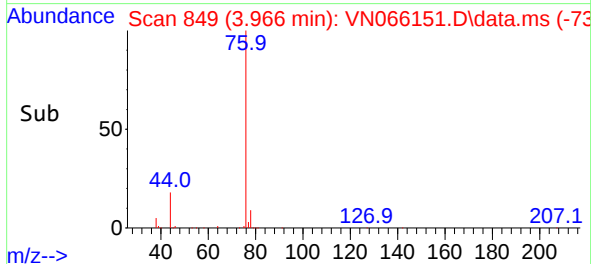
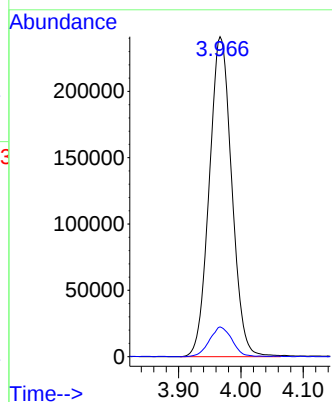
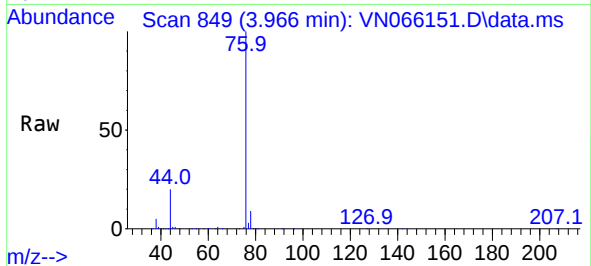




#17  
Carbon Disulfide  
Concen: 103.69 ug/l  
RT: 3.966 min Scan# 849  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

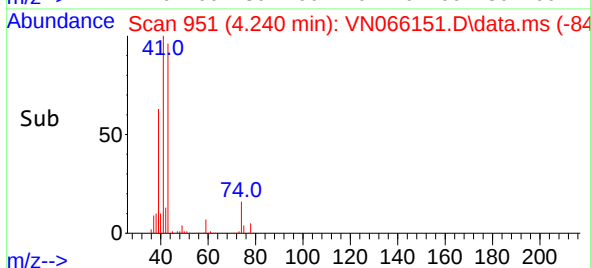
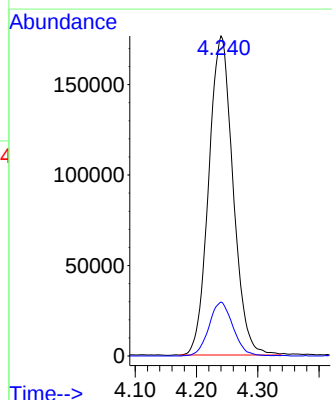
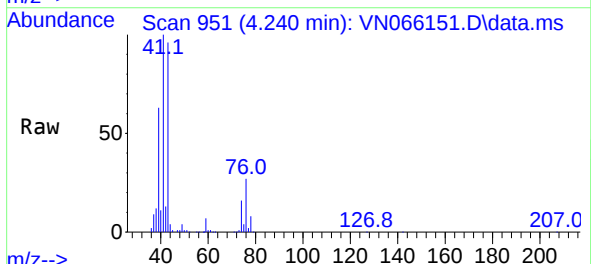
Instrument :  
MSVOA\_N  
ClientSampled :

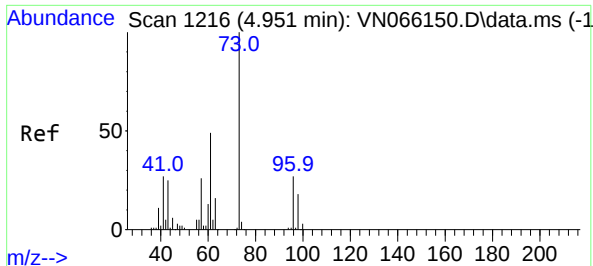
Tgt Ion: 76 Resp: 604279  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.8 11.6



#18  
Methyl Acetate  
Concen: 207.60 ug/l  
RT: 4.240 min Scan# 951  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 43 Resp: 486056  
Ion Ratio Lower Upper  
43 100  
74 16.8 19.5 29.3#



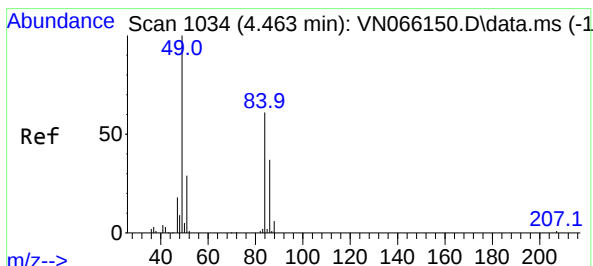
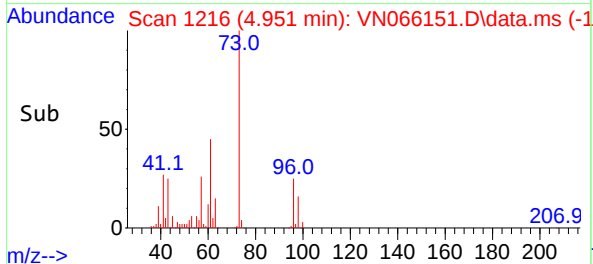
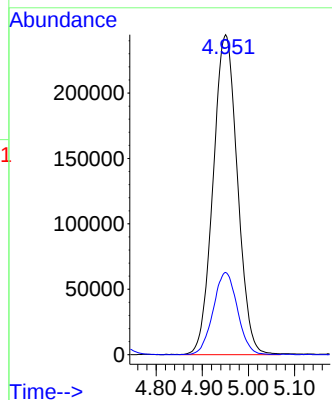
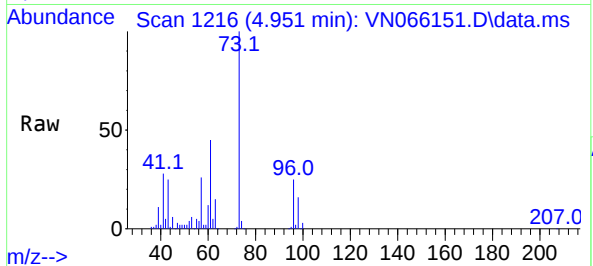


#19

Methyl tert-butyl Ether  
Concen: 118.32 ug/l  
RT: 4.951 min Scan# 1216  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Instrument :  
MSVOA\_N  
ClientSampled :

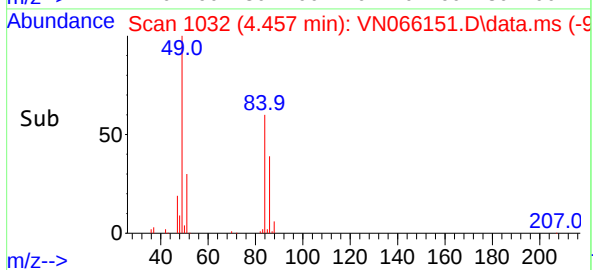
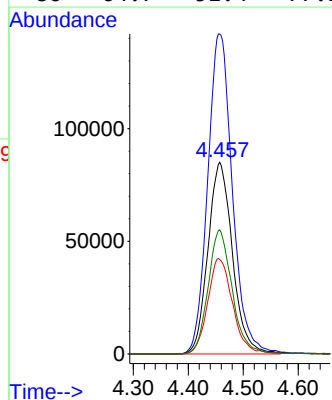
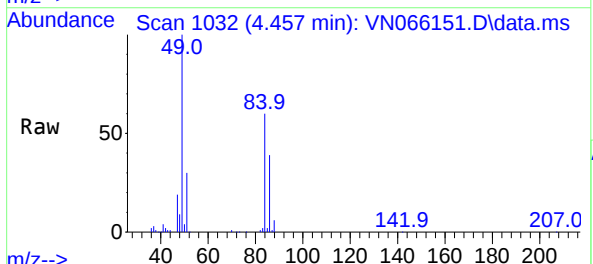
Tgt Ion: 73 Resp: 896502  
Ion Ratio Lower Upper  
73 100  
57 25.6 17.3 25.9

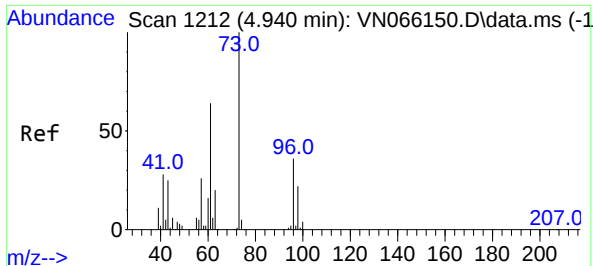


#20

Methylene Chloride  
Concen: 112.66 ug/l  
RT: 4.457 min Scan# 1032  
Delta R.T. -0.005 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

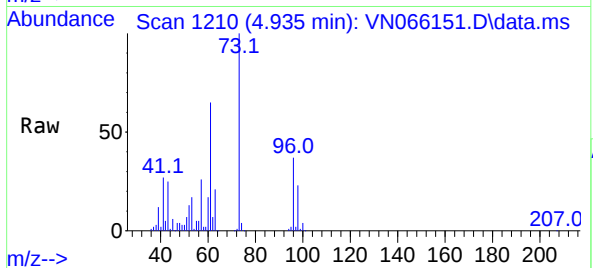
Tgt Ion: 84 Resp: 263832  
Ion Ratio Lower Upper  
84 100  
49 166.9 94.6 141.8#  
51 49.3 29.9 44.9#  
86 64.7 51.4 77.2



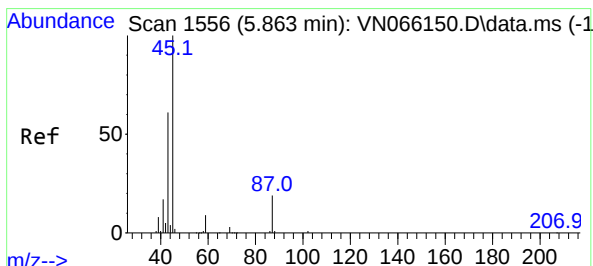
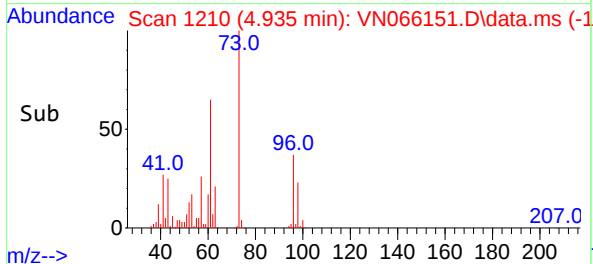
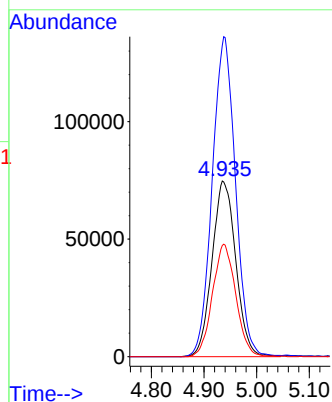


#21  
trans-1,2-Dichloroethene  
Concen: 112.57 ug/l  
RT: 4.935 min Scan# 1210  
Delta R.T. -0.005 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

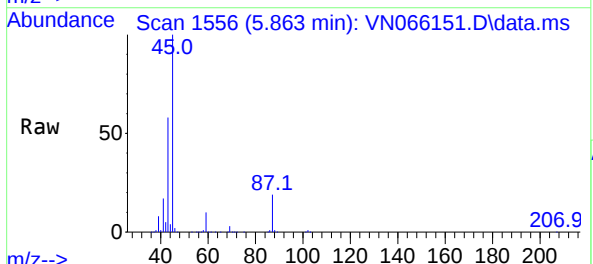
Instrument :  
MSVOA\_N  
ClientSampled :



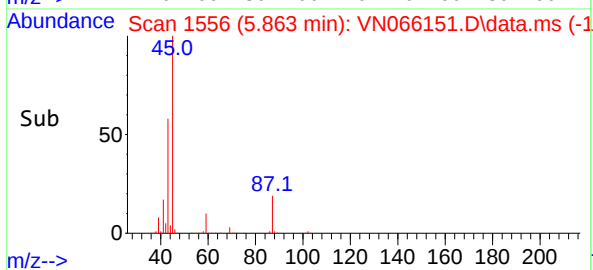
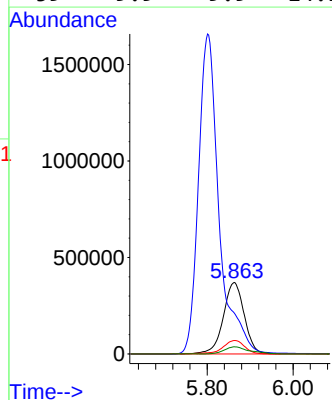
Tgt Ion: 96 Resp: 234855  
Ion Ratio Lower Upper  
96 100  
61 177.2 104.9 157.3#  
98 63.3 51.8 77.8

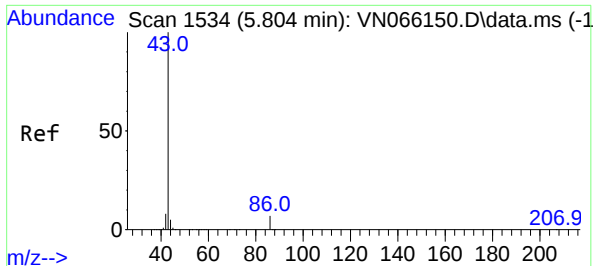


#22  
Diisopropyl ether  
Concen: 176.67 ug/l  
RT: 5.863 min Scan# 1556  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18



Tgt Ion: 45 Resp: 1251854  
Ion Ratio Lower Upper  
45 100  
43 56.5 48.9 73.3  
87 18.7 23.7 35.5#  
59 9.9 9.9 14.9#

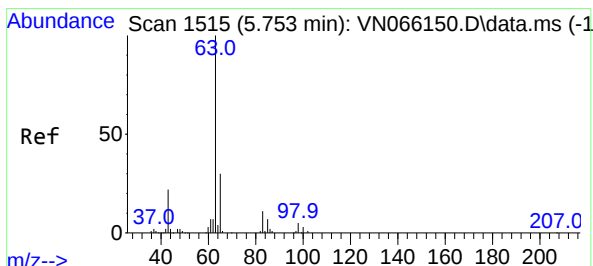
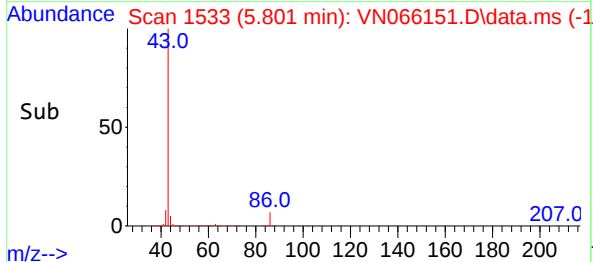
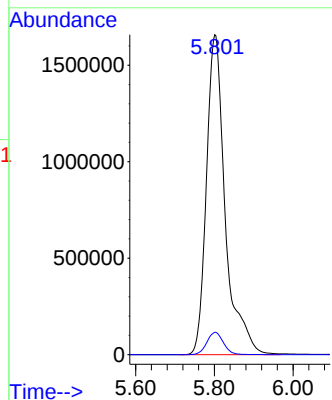
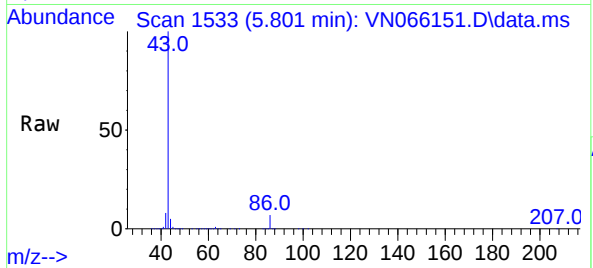




#23  
 Vinyl Acetate  
 Concen: 903.81 ug/l  
 RT: 5.801 min Scan# 1533  
 Delta R.T. -0.003 min  
 Lab File: VN066151.D  
 Acq: 9 Mar 2021 11:18

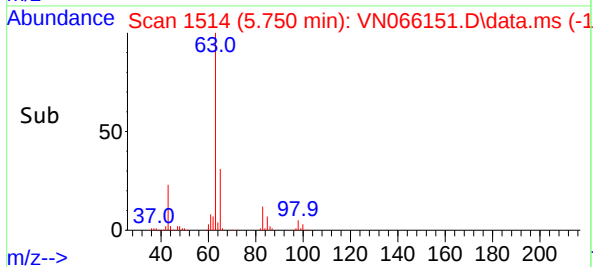
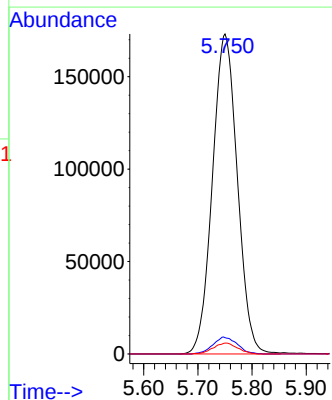
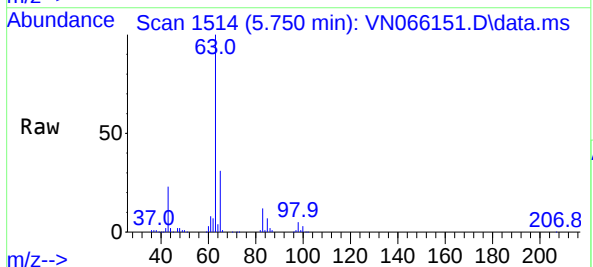
Instrument :  
 MSVOA\_N  
 ClientSampled :

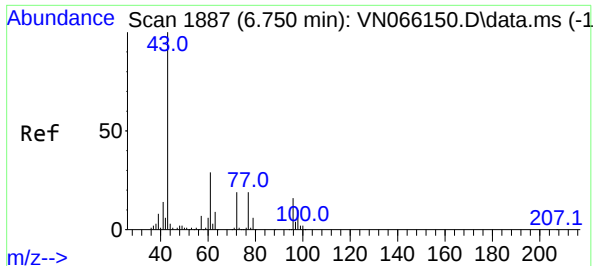
Tgt Ion: 43 Resp: 5508018  
 Ion Ratio Lower Upper  
 43 100  
 86 7.0 8.6 13.0#



#24  
 1,1-Dichloroethane  
 Concen: 135.66 ug/l  
 RT: 5.750 min Scan# 1514  
 Delta R.T. -0.003 min  
 Lab File: VN066151.D  
 Acq: 9 Mar 2021 11:18

Tgt Ion: 63 Resp: 552897  
 Ion Ratio Lower Upper  
 63 100  
 98 5.1 3.5 10.4  
 100 3.4 2.3 6.9

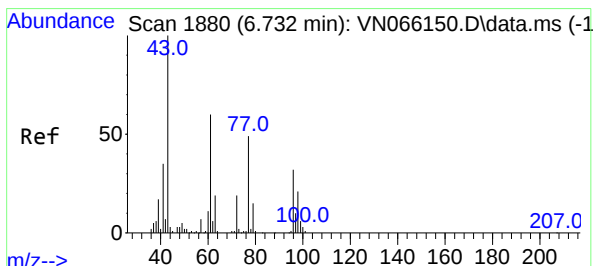
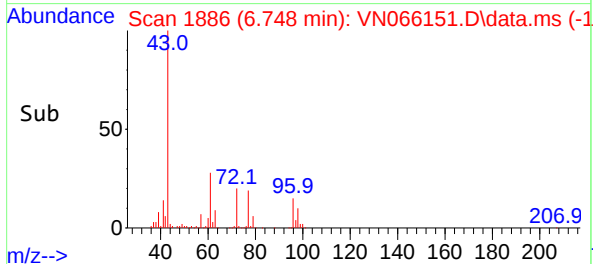
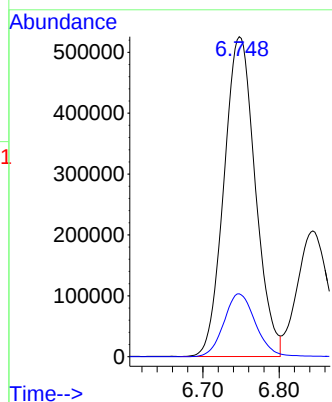
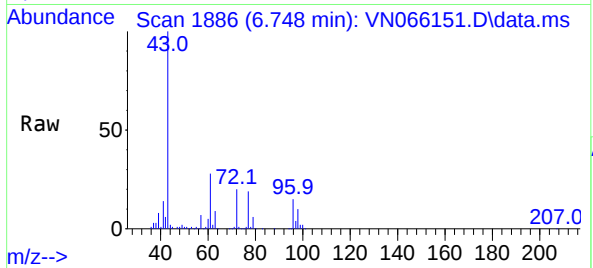




#25  
2-Butanone  
Concen: 1049.10 ug/l  
RT: 6.748 min Scan# 1886  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

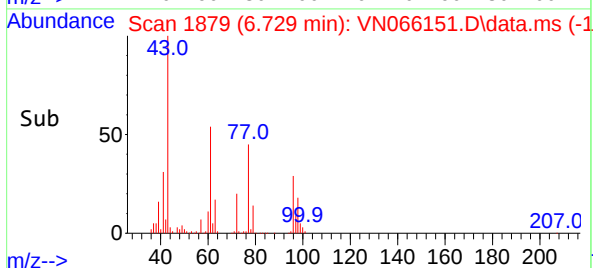
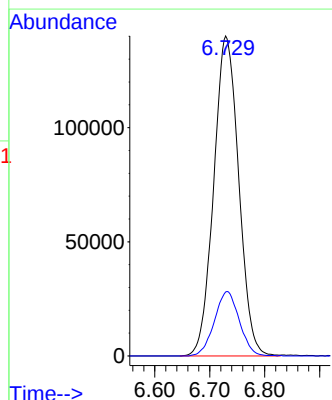
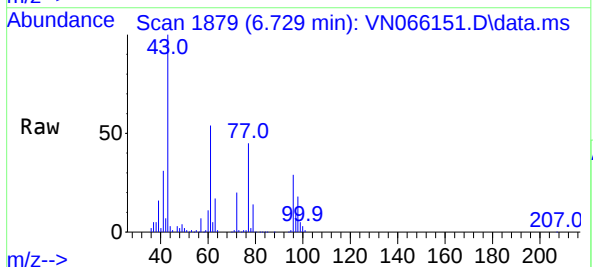
Instrument :  
MSVOA\_N  
ClientSampleId :

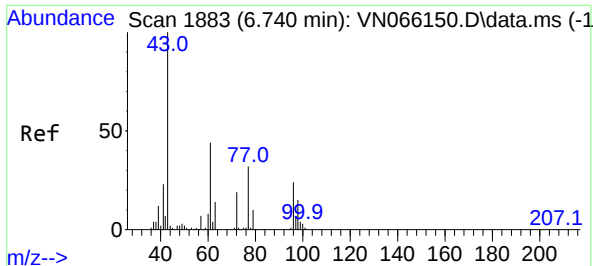
Tgt Ion: 43 Resp: 1496859  
Ion Ratio Lower Upper  
43 100  
72 19.6 23.1 34.7#



#26  
2,2-Dichloropropane  
Concen: 111.22 ug/l  
RT: 6.729 min Scan# 1879  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

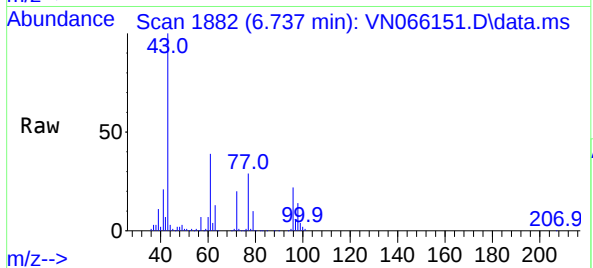
Tgt Ion: 77 Resp: 442123  
Ion Ratio Lower Upper  
77 100  
97 20.1 11.9 35.9



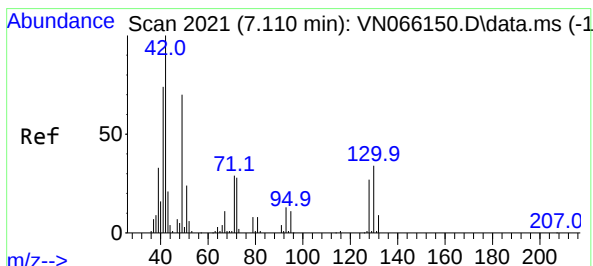
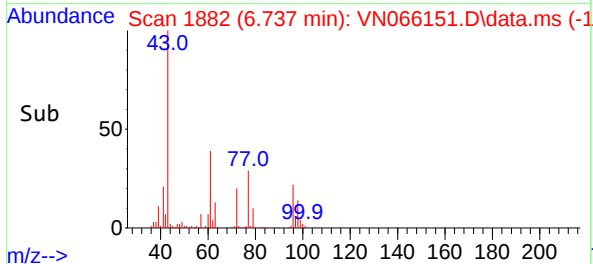
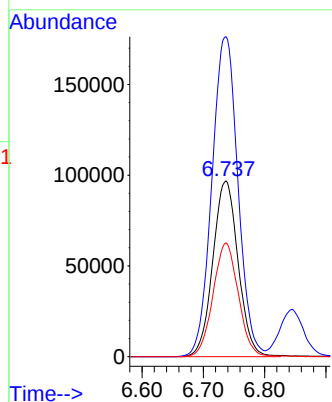


#27  
cis-1,2-Dichloroethene  
Concen: 111.79 ug/l  
RT: 6.737 min Scan# 1882  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Instrument :  
MSVOA\_N  
ClientSampled :

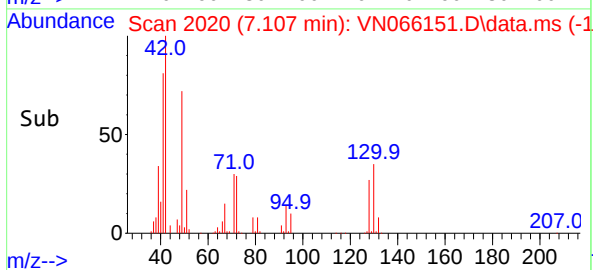
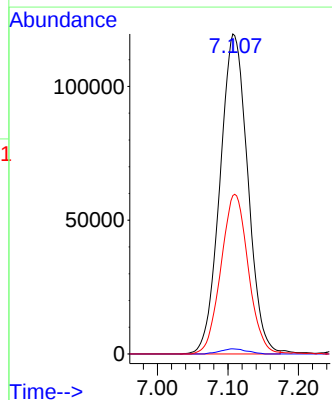
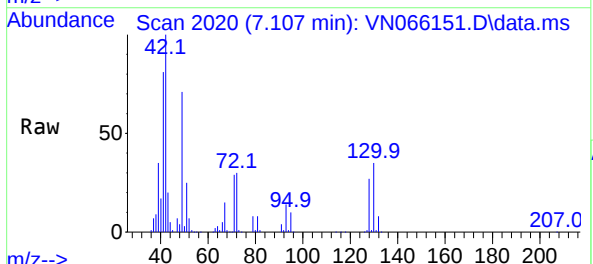


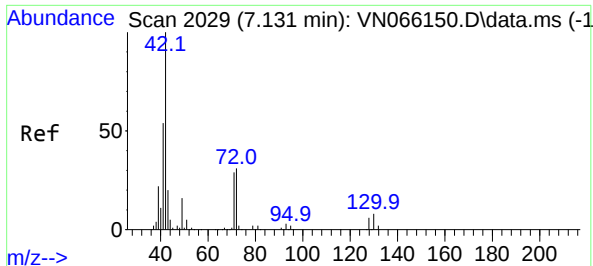
Tgt Ion: 96 Resp: 278182  
Ion Ratio Lower Upper  
96 100  
61 187.2 0.0 276.8  
98 64.8 0.0 129.4



#28  
Bromochloromethane  
Concen: 182.12 ug/l  
RT: 7.107 min Scan# 2020  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 49 Resp: 326969  
Ion Ratio Lower Upper  
49 100  
129 1.5 0.0 3.6  
130 49.1 67.8 101.6#

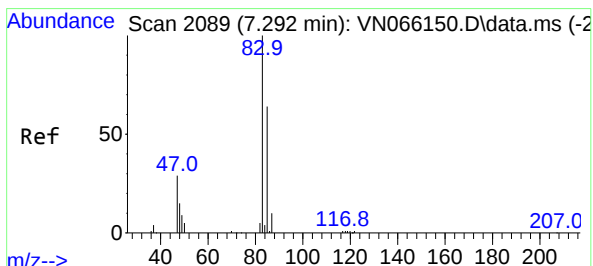
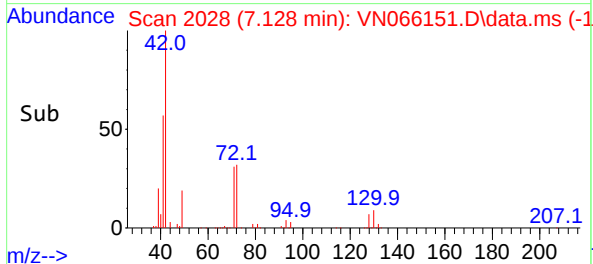
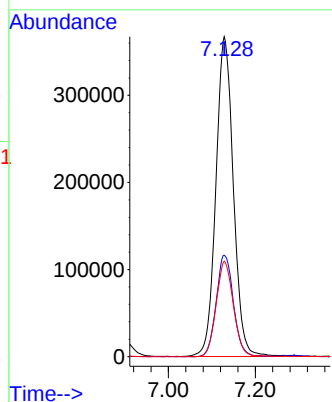
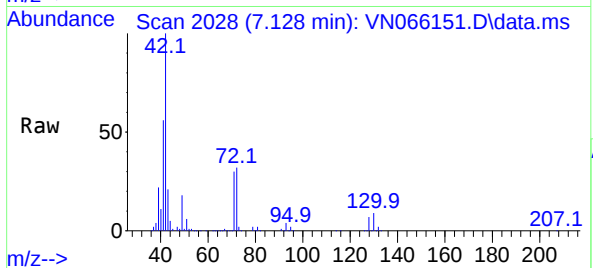




#29  
Tetrahydrofuran  
Concen: 1077.86 ug/l  
RT: 7.128 min Scan# 2028  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

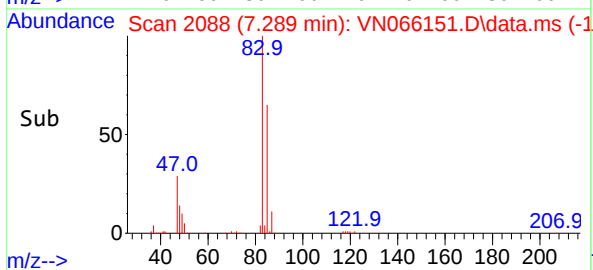
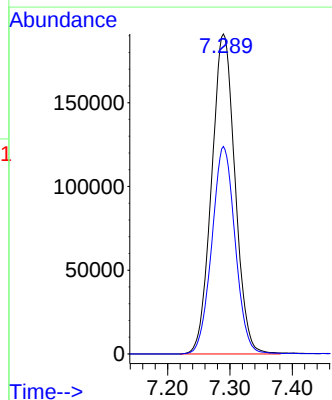
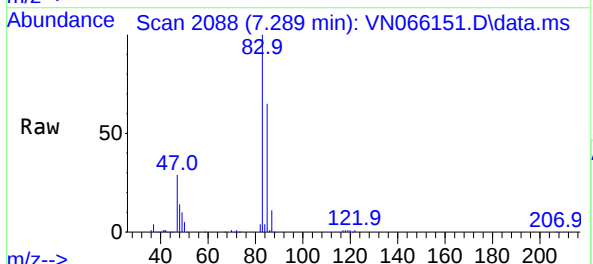
Instrument :  
MSVOA\_N  
ClientSampleId :

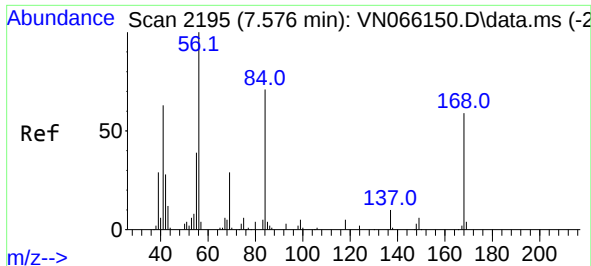
Tgt Ion: 42 Resp: 1023034  
Ion Ratio Lower Upper  
42 100  
72 31.2 36.6 55.0#  
71 29.4 34.3 51.5#



#30  
Chloroform  
Concen: 115.64 ug/l  
RT: 7.289 min Scan# 2088  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 83 Resp: 499119  
Ion Ratio Lower Upper  
83 100  
85 64.9 52.6 78.8

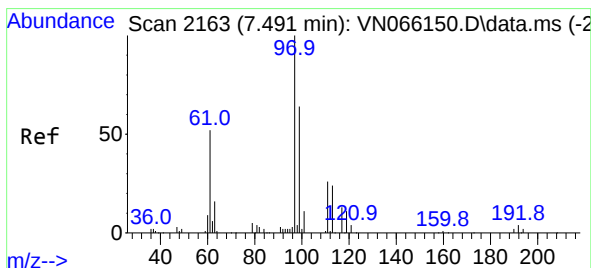
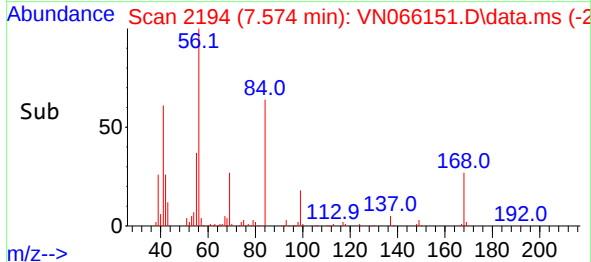
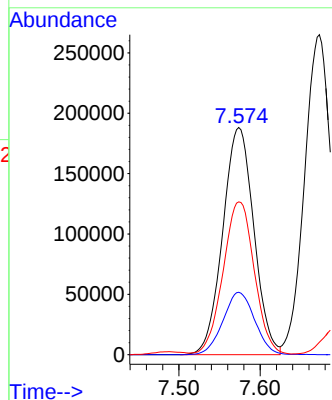
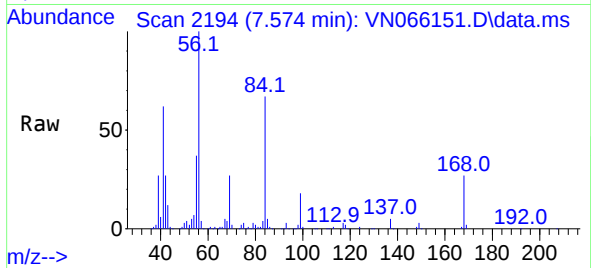




#31  
Cyclohexane  
Concen: 132.33 ug/l  
RT: 7.574 min Scan# 2194  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

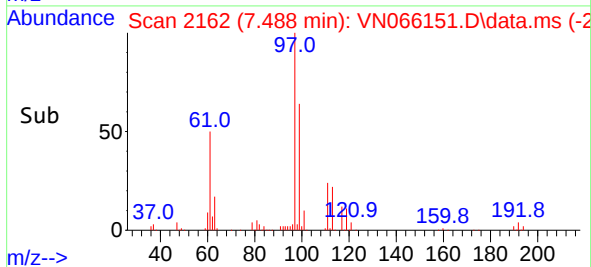
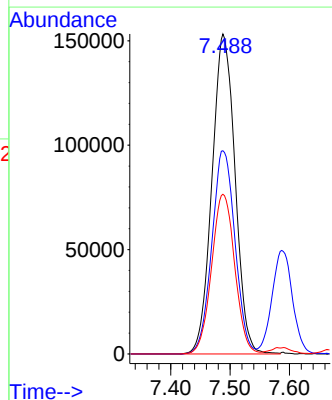
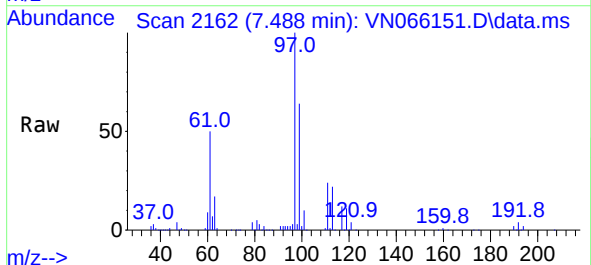
Instrument :  
MSVOA\_N  
ClientSampleId :

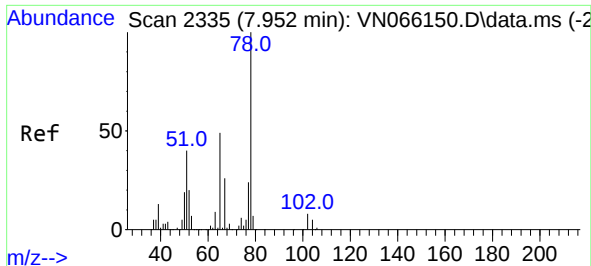
Tgt Ion: 56 Resp: 500919  
Ion Ratio Lower Upper  
56 100  
69 27.5 26.6 39.8  
84 66.2 70.4 105.6#



#32  
1,1,1-Trichloroethane  
Concen: 104.96 ug/l  
RT: 7.488 min Scan# 2162  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 97 Resp: 413982  
Ion Ratio Lower Upper  
97 100  
99 63.8 50.8 76.2  
61 50.1 34.3 51.5

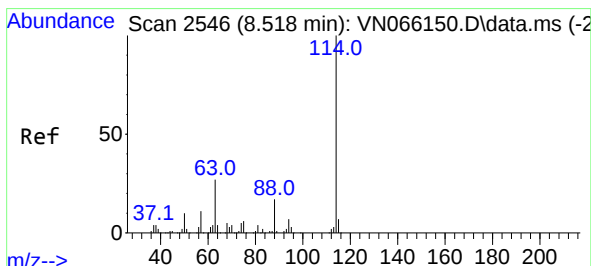
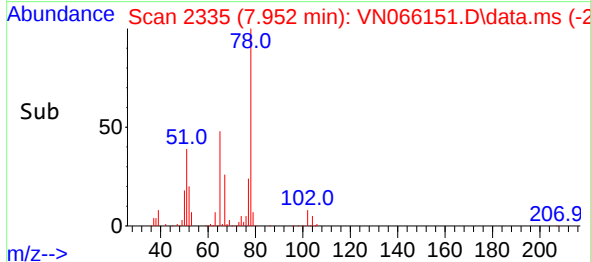
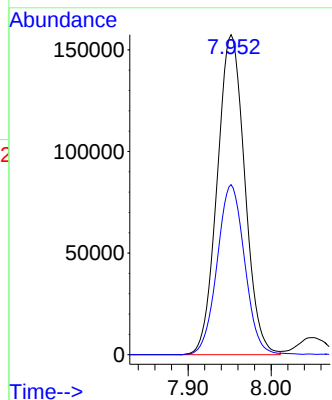
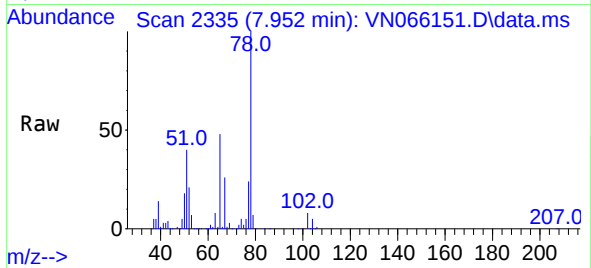




#33  
1,2-Dichloroethane-d4  
Concen: 118.83 ug/l  
RT: 7.952 min Scan# 2335  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

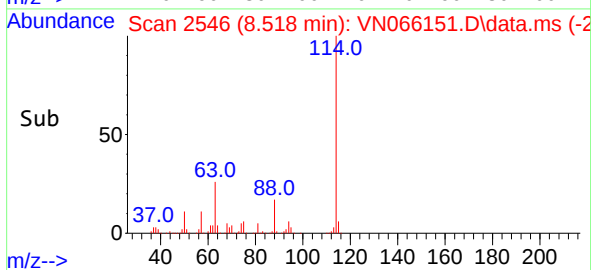
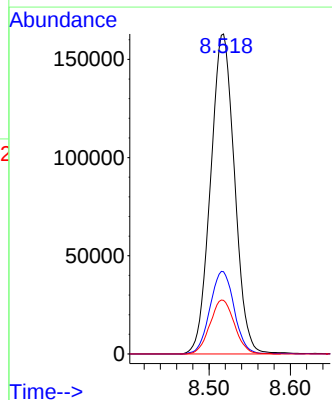
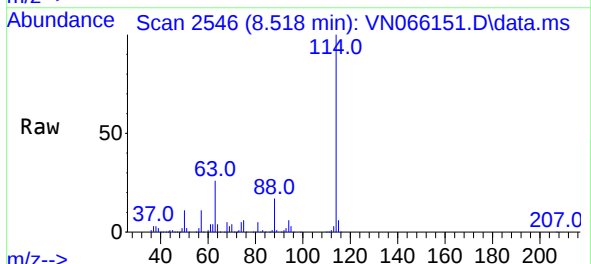
Instrument :  
MSVOA\_N  
ClientSampleId :

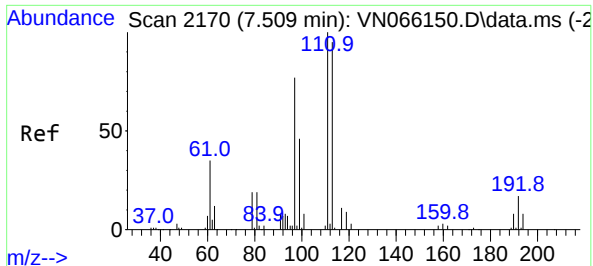
Tgt Ion: 65 Resp: 362886  
Ion Ratio Lower Upper  
65 100  
67 53.2 0.0 107.2



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.518 min Scan# 2546  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion:114 Resp: 333496  
Ion Ratio Lower Upper  
114 100  
63 25.7 0.0 38.6  
88 16.8 0.0 30.6

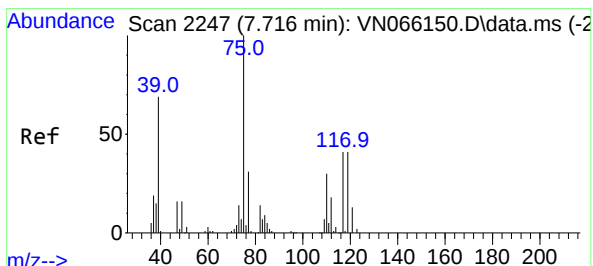
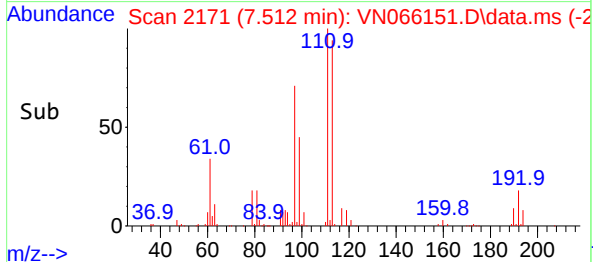
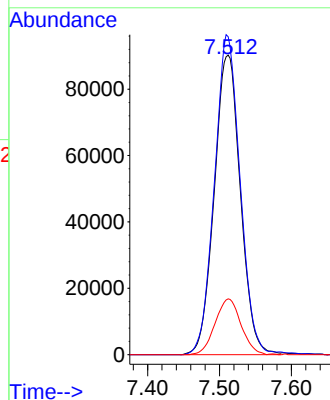
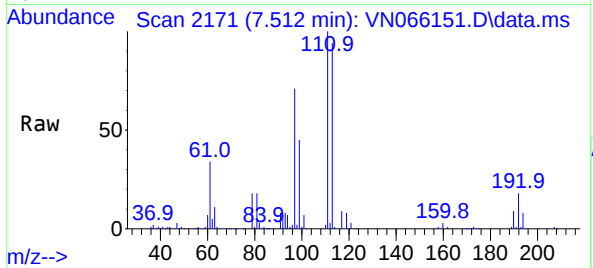




#35  
Dibromofluoromethane  
Concen: 106.65 ug/l  
RT: 7.512 min Scan# 2171  
Delta R.T. 0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

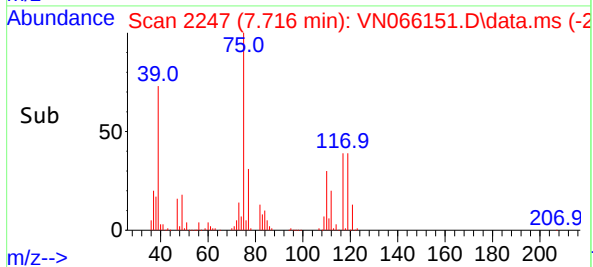
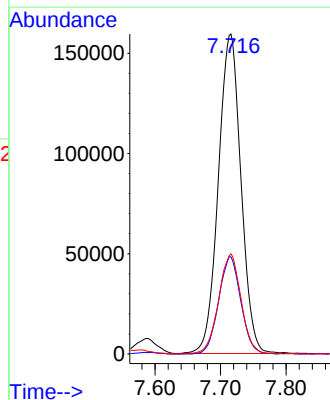
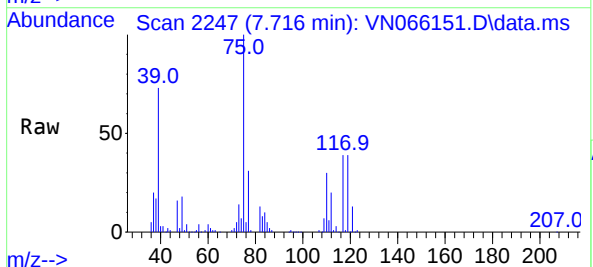
Instrument :  
MSVOA\_N  
ClientSampled :

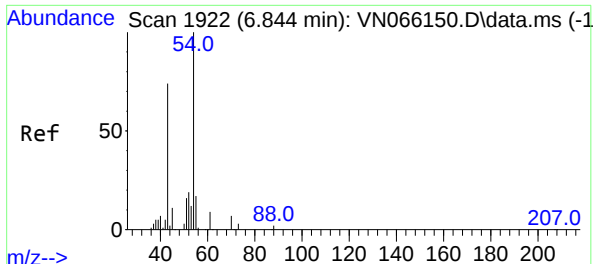
Tgt Ion:113 Resp: 228099  
Ion Ratio Lower Upper  
113 100  
111 104.4 82.2 123.2  
192 18.5 15.4 23.0



#36  
1,1-Dichloropropene  
Concen: 118.06 ug/l  
RT: 7.716 min Scan# 2247  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 75 Resp: 381451  
Ion Ratio Lower Upper  
75 100  
110 29.8 18.2 54.6  
77 31.1 24.9 37.3

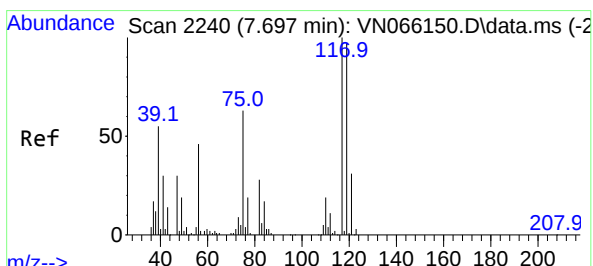
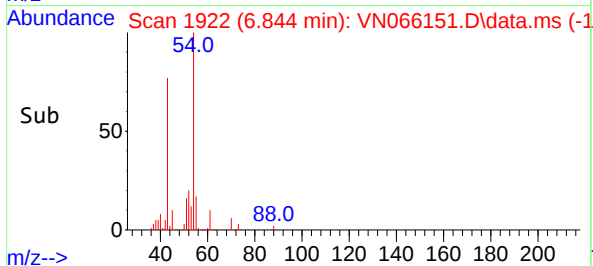
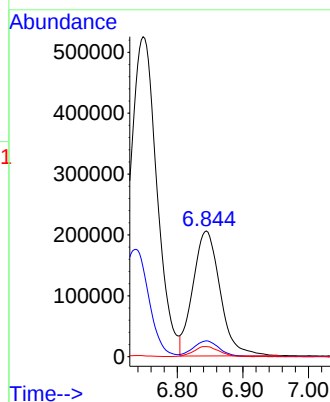
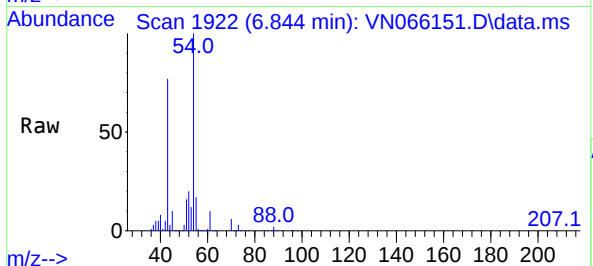




#37  
Ethyl Acetate  
Concen: 198.74 ug/l  
RT: 6.844 min Scan# 1922  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

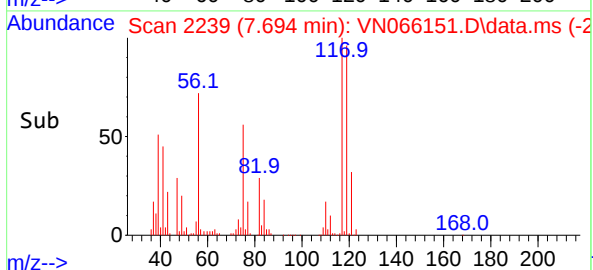
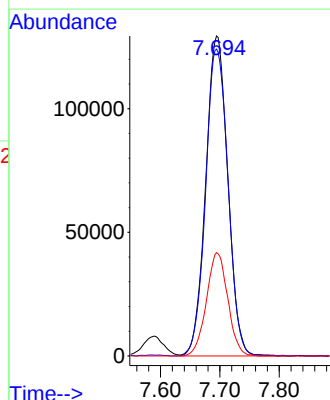
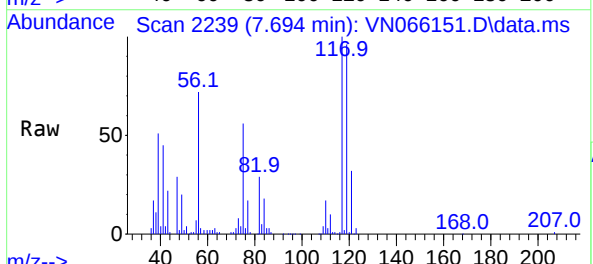
Instrument :  
MSVOA\_N  
ClientSampled :

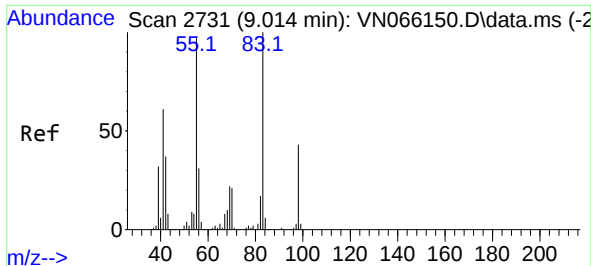
Tgt Ion: 43 Resp: 593254  
Ion Ratio Lower Upper  
43 100  
61 11.9 11.6 17.4  
70 7.5 8.6 13.0#



#38  
Carbon Tetrachloride  
Concen: 94.06 ug/l  
RT: 7.694 min Scan# 2239  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 117 Resp: 334598  
Ion Ratio Lower Upper  
117 100  
119 95.8 76.0 114.0  
121 32.3 24.5 36.7

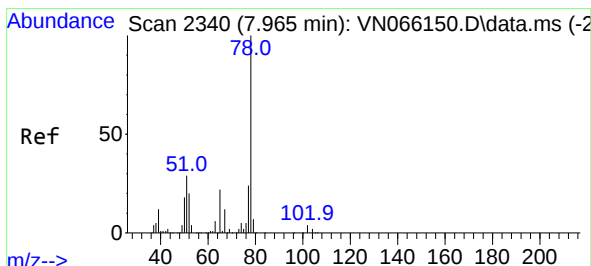
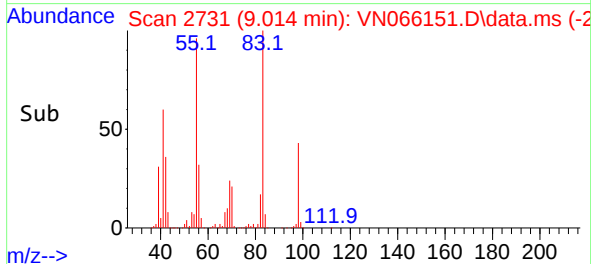
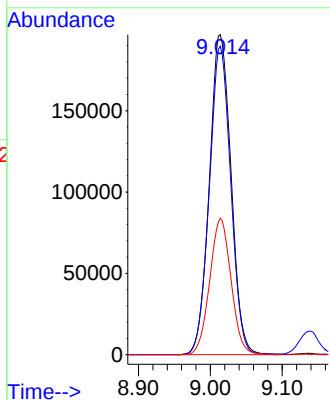
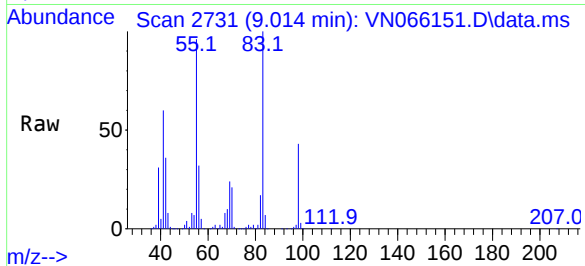




#39  
Methylcyclohexane  
Concen: 118.66 ug/l  
RT: 9.014 min Scan# 2731  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

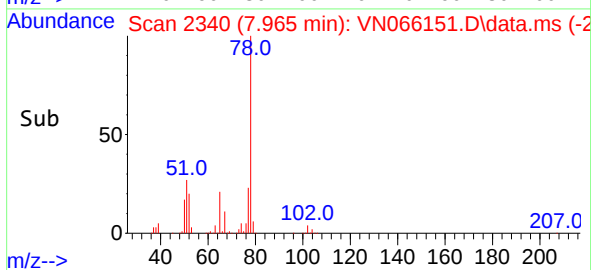
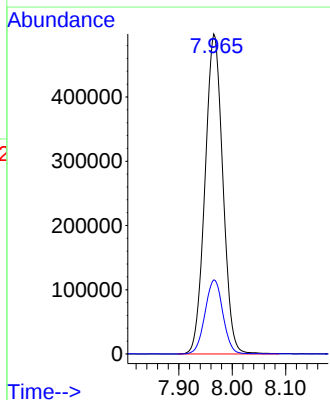
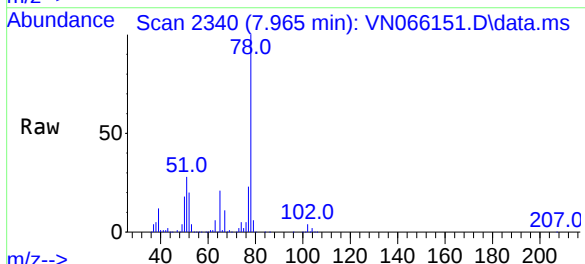
Instrument :  
MSVOA\_N  
ClientSampleId :

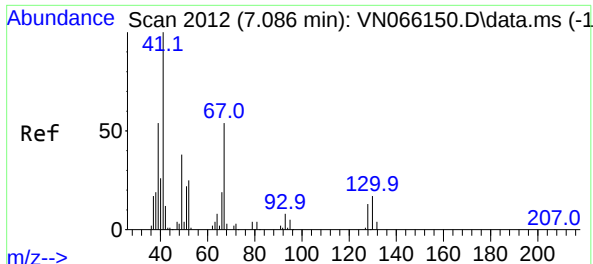
Tgt Ion: 83 Resp: 412622  
Ion Ratio Lower Upper  
83 100  
55 96.4 58.9 88.3#  
98 42.6 35.9 53.9



#40  
Benzene  
Concen: 119.99 ug/l  
RT: 7.965 min Scan# 2340  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

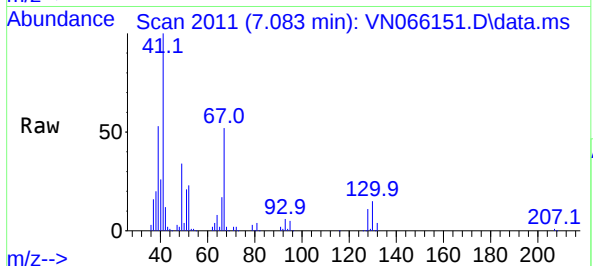
Tgt Ion: 78 Resp: 1152432  
Ion Ratio Lower Upper  
78 100  
77 23.2 19.0 28.4



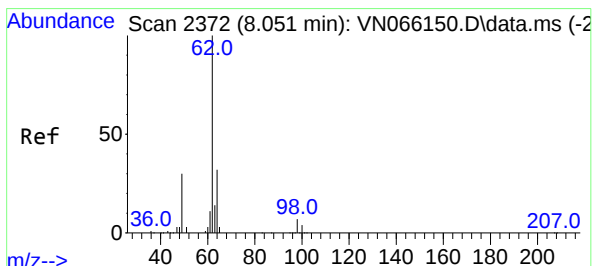
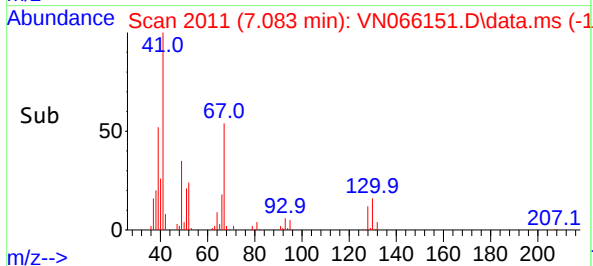
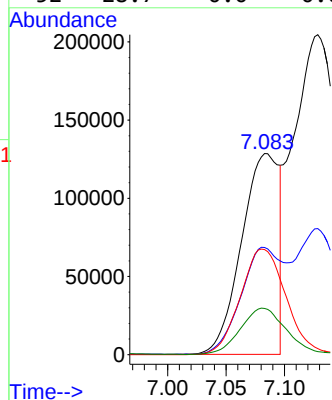


#41  
Methacrylonitrile  
Concen: 189.54 ug/l  
RT: 7.083 min Scan# 2011  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Instrument :  
MSVOA\_N  
ClientSampleId :

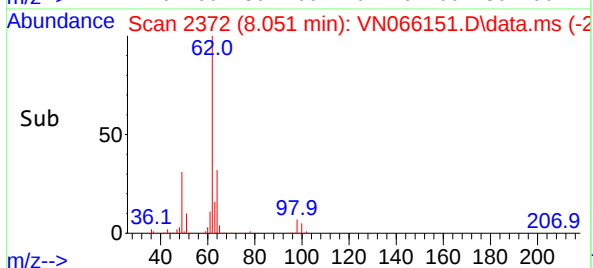
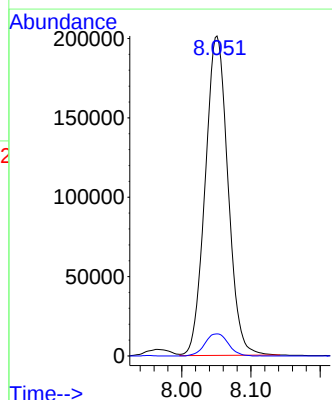
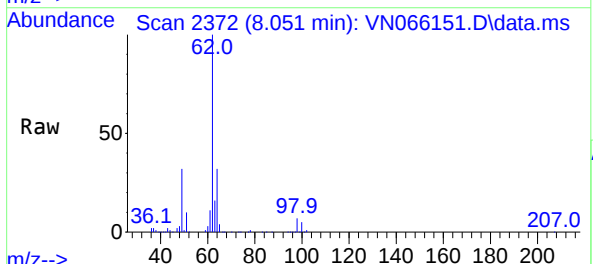


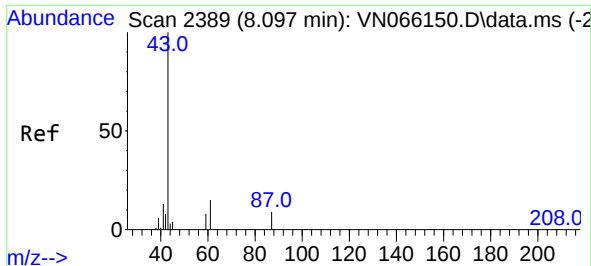
Tgt Ion: 41 Resp: 285389  
Ion Ratio Lower Upper  
41 100  
39 59.6 0.0 0.0#  
67 64.5 0.0 0.0#  
52 28.7 0.0 0.0#



#42  
1,2-Dichloroethane  
Concen: 120.29 ug/l  
RT: 8.051 min Scan# 2372  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

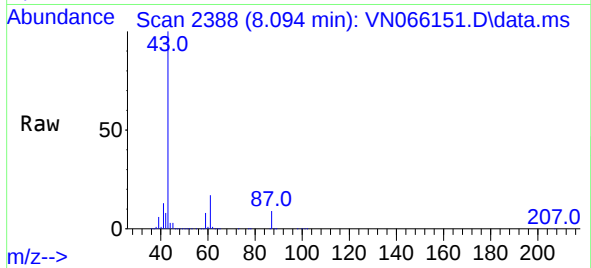
Tgt Ion: 62 Resp: 459824  
Ion Ratio Lower Upper  
62 100  
98 7.1 0.0 18.6



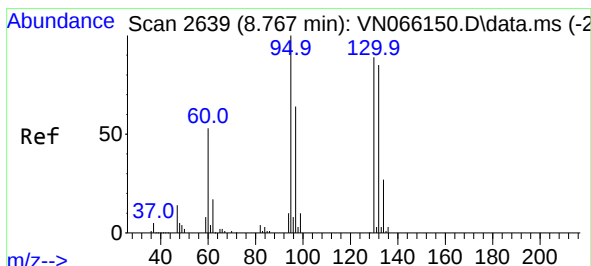
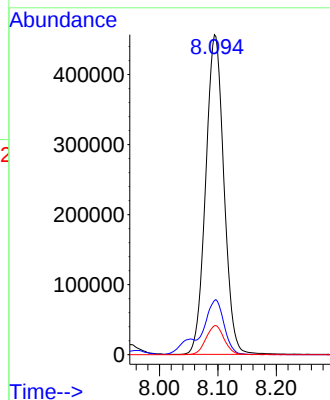
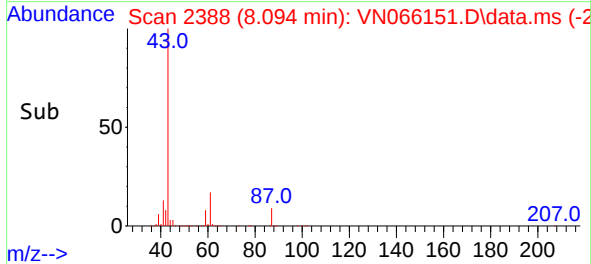


#43  
Isopropyl Acetate  
Concen: 181.83 ug/l  
RT: 8.094 min Scan# 2388  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Instrument :  
MSVOA\_N  
ClientSampled :

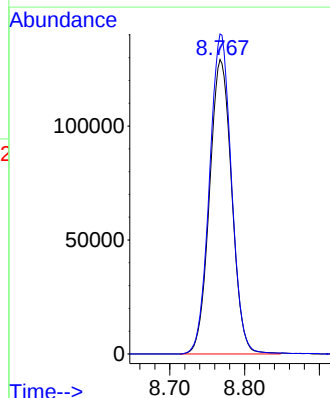
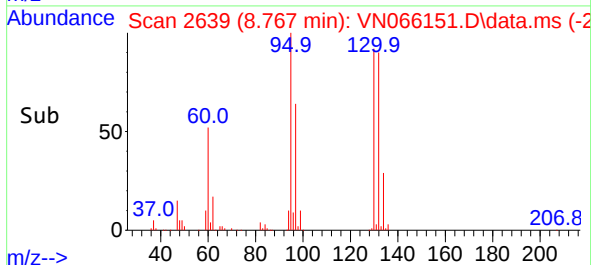
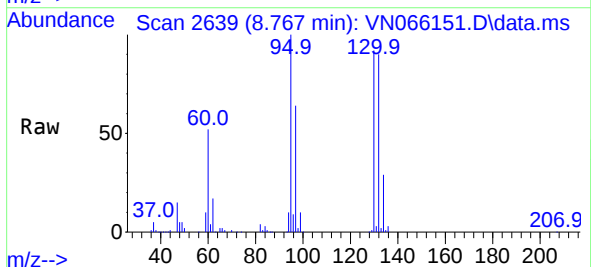


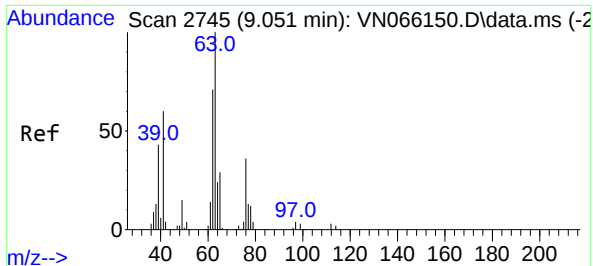
Tgt Ion: 43 Resp: 986821  
Ion Ratio Lower Upper  
43 100  
61 17.5 22.5 33.7#  
87 9.1 11.1 16.7#



#44  
Trichloroethene  
Concen: 102.49 ug/l  
RT: 8.767 min Scan# 2639  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion:130 Resp: 266136  
Ion Ratio Lower Upper  
130 100  
95 108.7 0.0 199.6



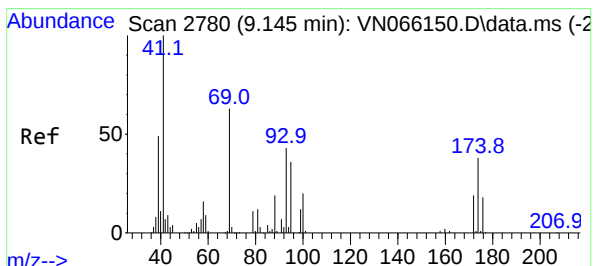
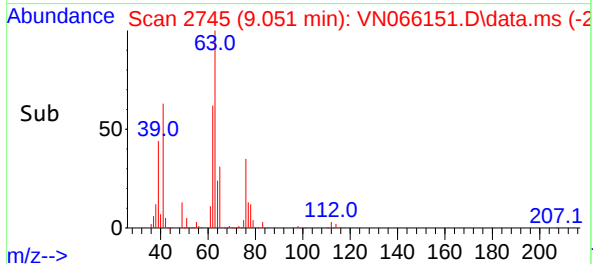
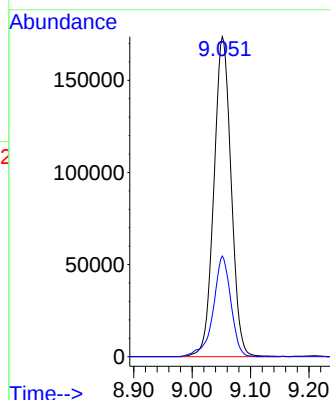
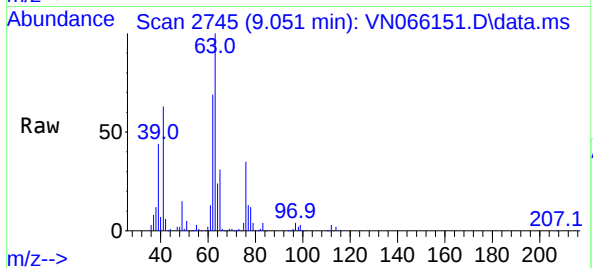


#45

1,2-Dichloropropane  
Concen: 141.81 ug/l  
RT: 9.051 min Scan# 2745  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Instrument :  
MSVOA\_N  
ClientSampled :

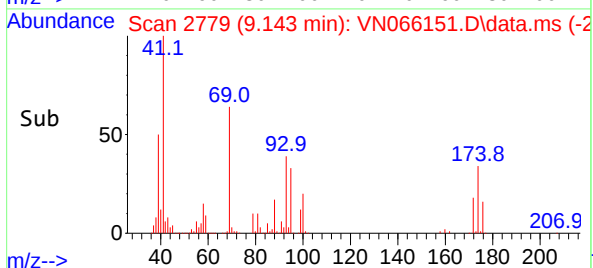
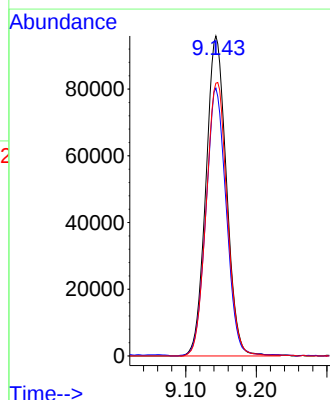
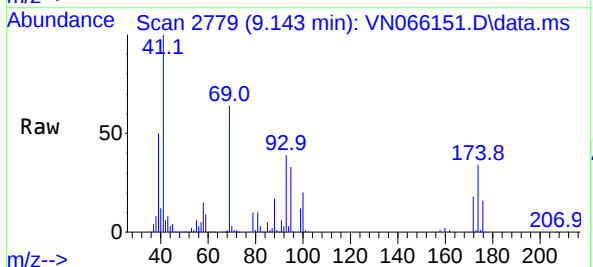
Tgt Ion: 63 Resp: 356781  
Ion Ratio Lower Upper  
63 100  
65 31.4 24.9 37.3

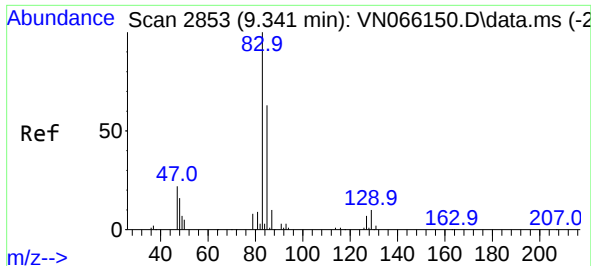


#46

Dibromomethane  
Concen: 124.73 ug/l  
RT: 9.143 min Scan# 2779  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 93 Resp: 193428  
Ion Ratio Lower Upper  
93 100  
95 83.1 67.0 100.6  
174 87.4 83.2 124.8

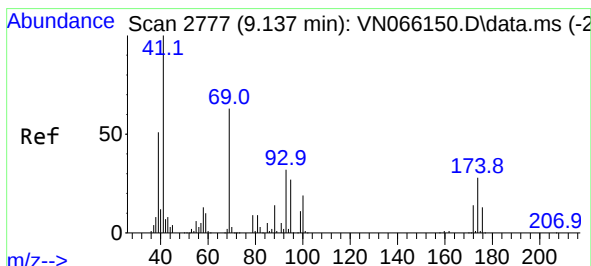
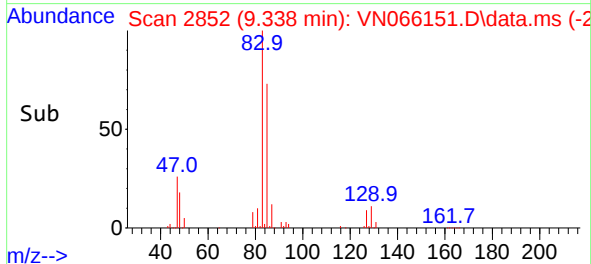
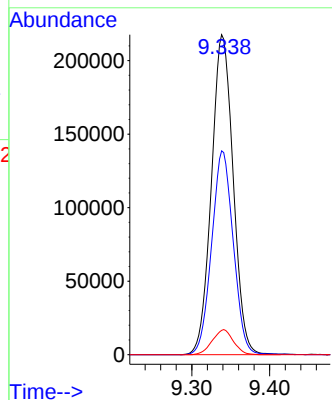
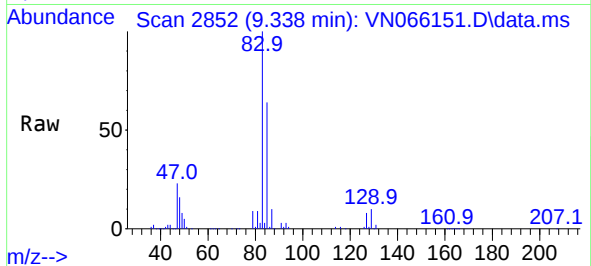




#47  
Bromodichloromethane  
Concen: 117.65 ug/l  
RT: 9.338 min Scan# 2852  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

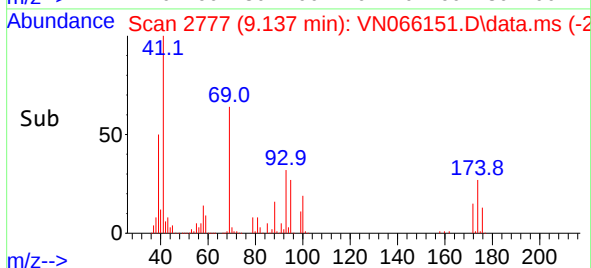
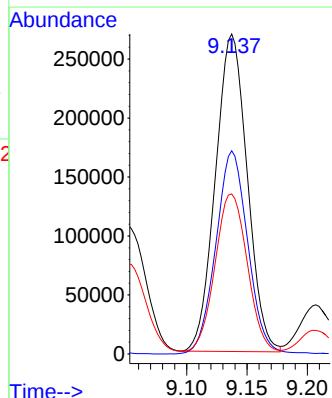
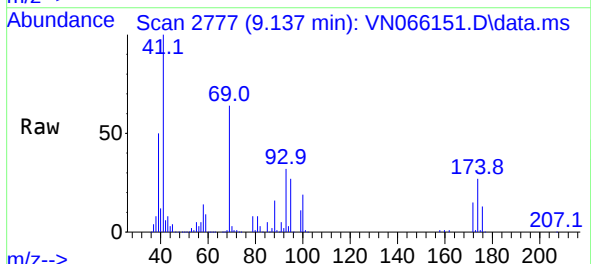
Instrument :  
MSVOA\_N  
ClientSampleId :

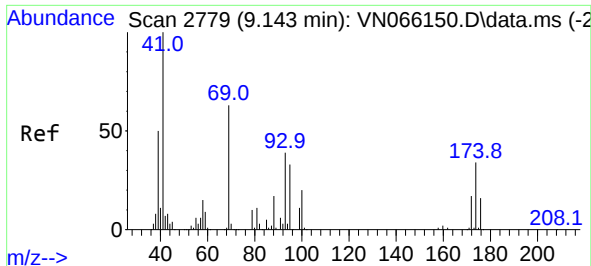
Tgt Ion: 83 Resp: 421699  
Ion Ratio Lower Upper  
83 100  
85 63.7 51.0 76.4  
127 7.6 7.0 10.6



#48  
Methyl methacrylate  
Concen: 188.51 ug/l  
RT: 9.137 min Scan# 2777  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 41 Resp: 494497  
Ion Ratio Lower Upper  
41 100  
69 64.3 75.9 113.9#  
39 51.9 46.6 69.8

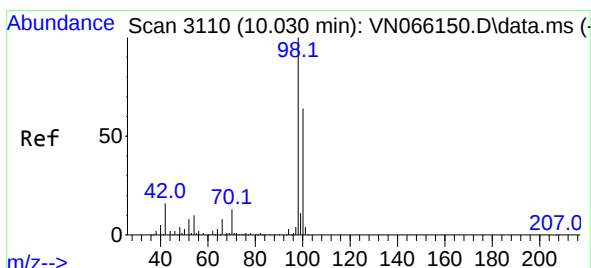
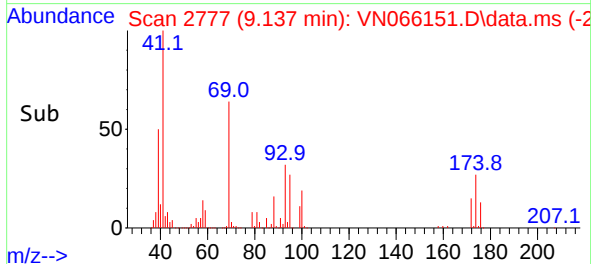
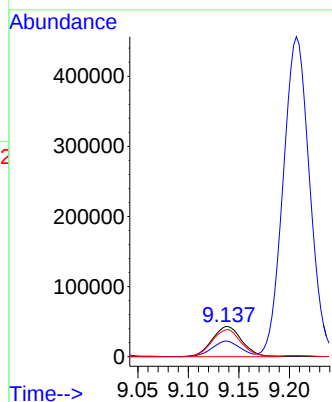
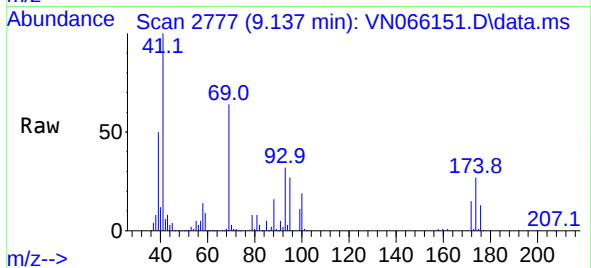




#49  
1,4-Dioxane  
Concen: 2256.70 ug/l  
RT: 9.137 min Scan# 2777  
Delta R.T. -0.005 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

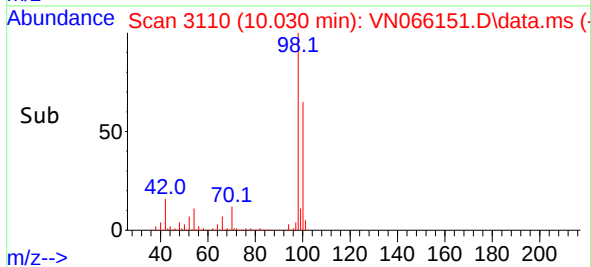
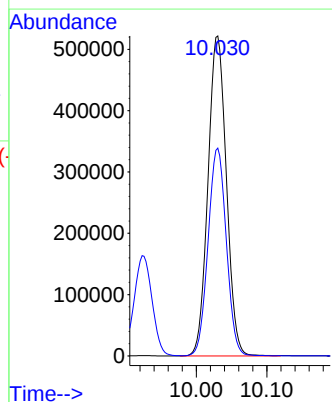
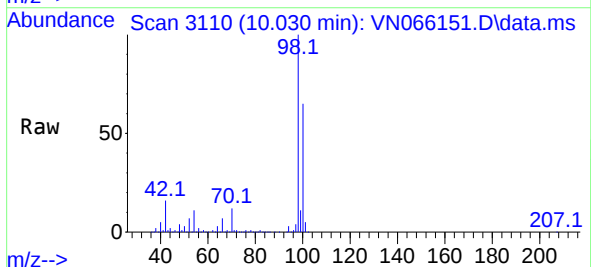
Instrument :  
MSVOA\_N  
ClientSampleId :

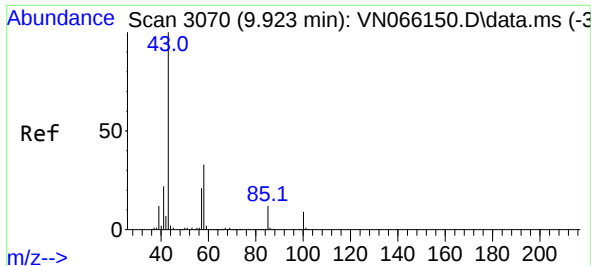
Tgt Ion: 88 Resp: 88479  
Ion Ratio Lower Upper  
88 100  
43 48.6 24.7 37.1#  
58 88.4 52.6 78.8#



#50  
Toluene-d8  
Concen: 113.21 ug/l  
RT: 10.030 min Scan# 3110  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 98 Resp: 946912  
Ion Ratio Lower Upper  
98 100  
100 64.2 50.5 75.7

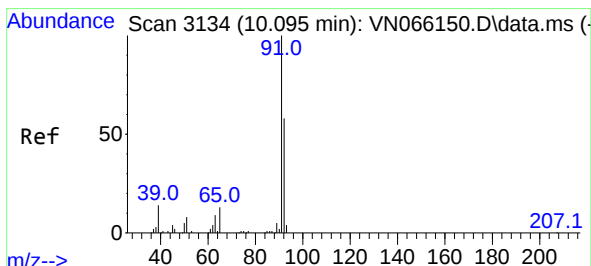
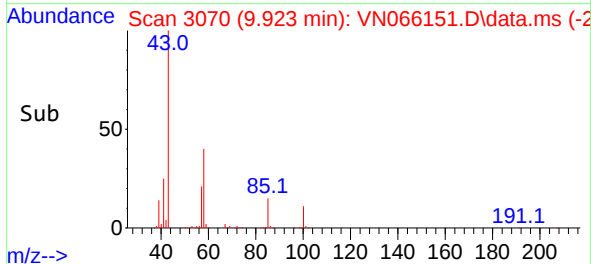
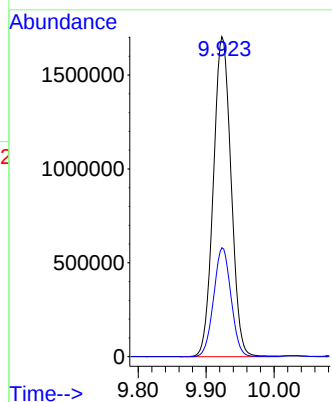
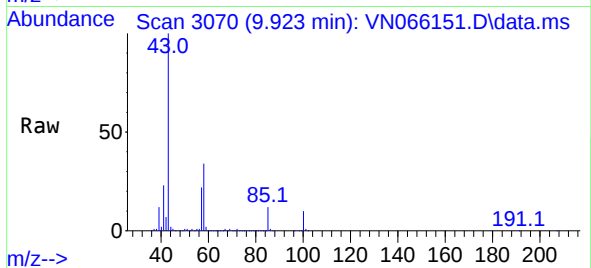




#51  
4-Methyl-2-Pentanone  
Concen: 1004.31 ug/l  
RT: 9.923 min Scan# 3070  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

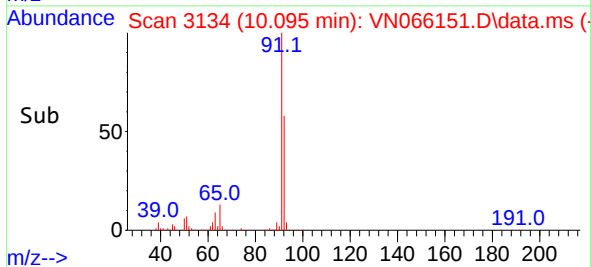
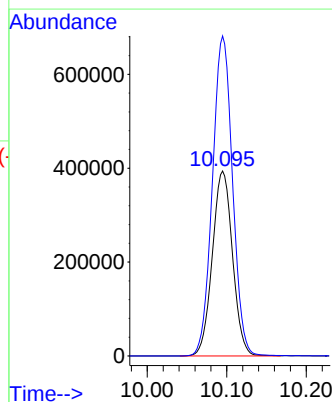
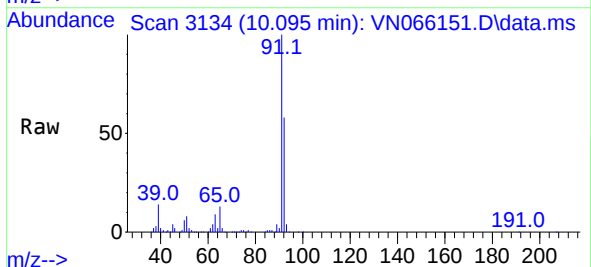
Instrument :  
MSVOA\_N  
ClientSampled :

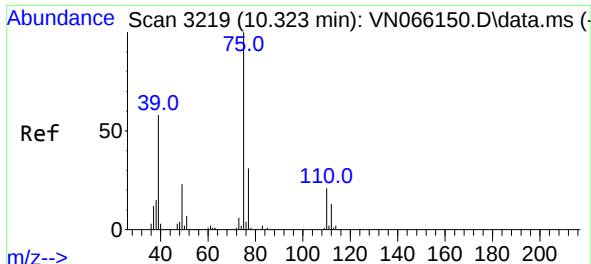
Tgt Ion: 43 Resp: 3081497  
Ion Ratio Lower Upper  
43 100  
58 33.5 32.5 48.7



#52  
Toluene  
Concen: 114.74 ug/l  
RT: 10.095 min Scan# 3134  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 92 Resp: 695573  
Ion Ratio Lower Upper  
92 100  
91 172.5 140.7 211.1

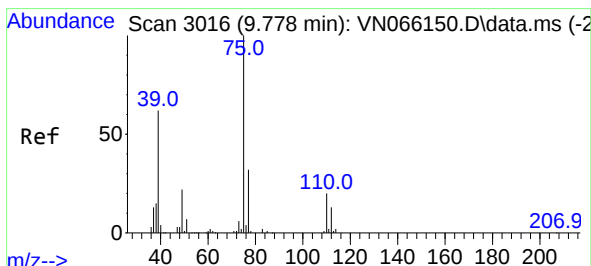
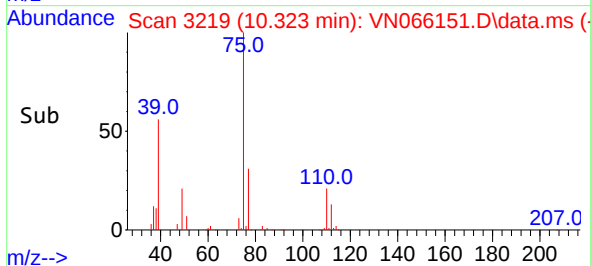
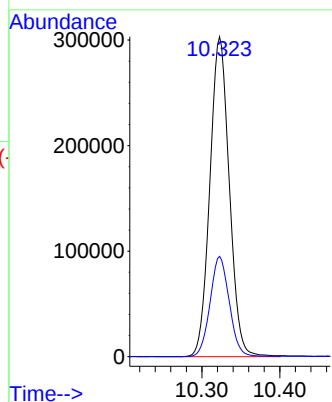
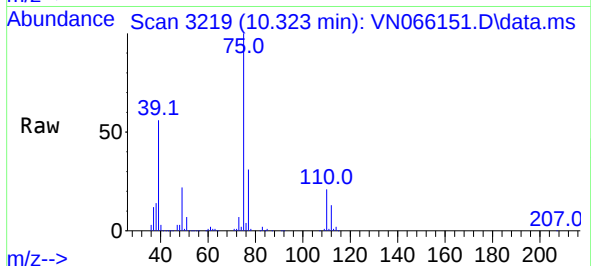




#53  
 t-1,3-Dichloropropene  
 Concen: 125.88 ug/l  
 RT: 10.323 min Scan# 3219  
 Delta R.T. -0.000 min  
 Lab File: VN066151.D  
 Acq: 9 Mar 2021 11:18

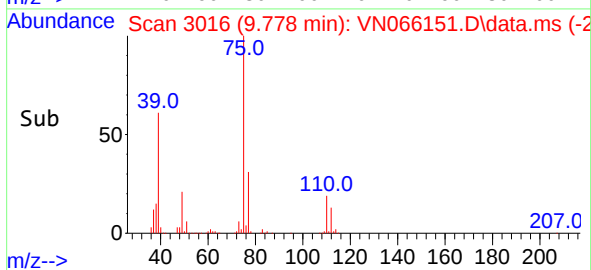
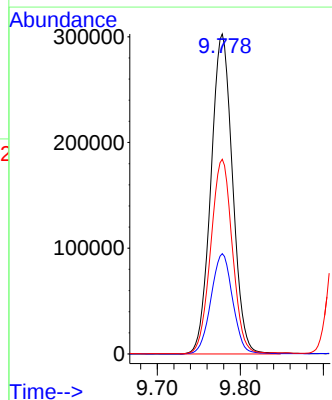
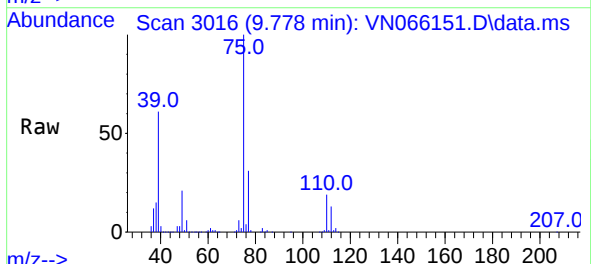
Instrument :  
 MSVOA\_N  
 ClientSampled :

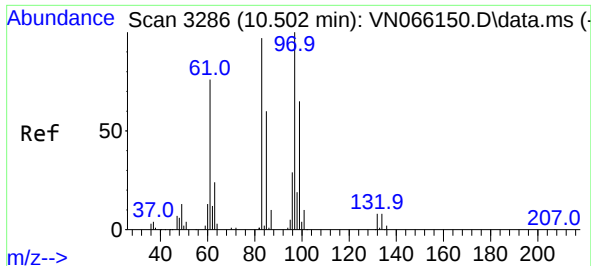
Tgt Ion: 75 Resp: 524594  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 26.2 39.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 125.96 ug/l  
 RT: 9.778 min Scan# 3016  
 Delta R.T. -0.000 min  
 Lab File: VN066151.D  
 Acq: 9 Mar 2021 11:18

Tgt Ion: 75 Resp: 547086  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 24.9 37.3  
 39 60.8 36.2 54.4#



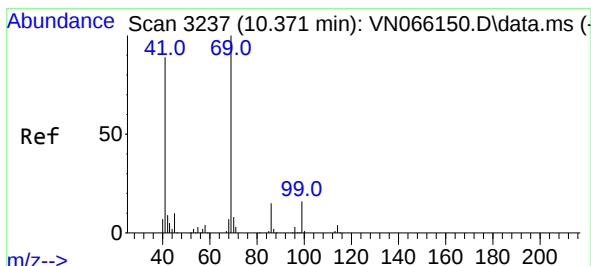
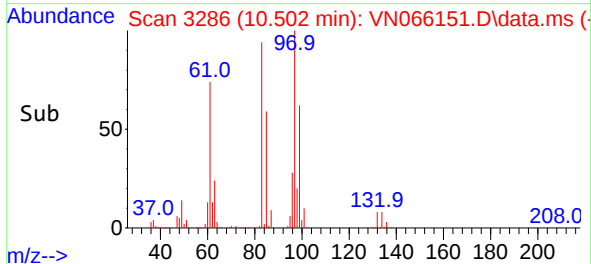
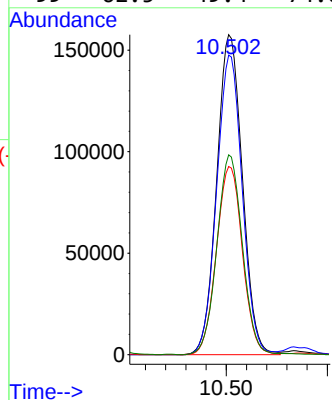
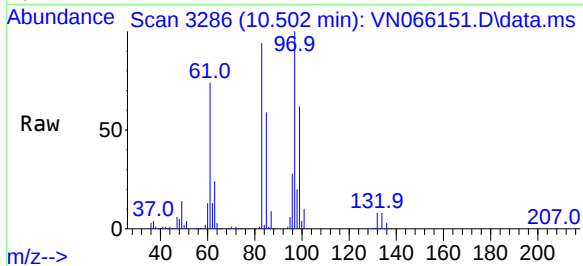


#55  
1,1,2-Trichloroethane  
Concen: 120.49 ug/l  
RT: 10.502 min Scan# 3286  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 97 Resp: 277732

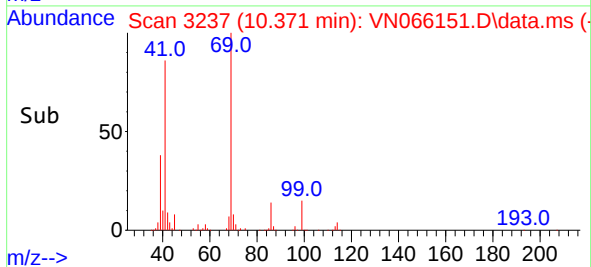
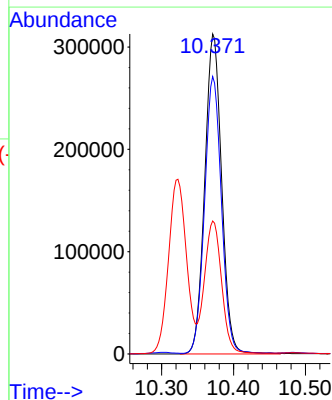
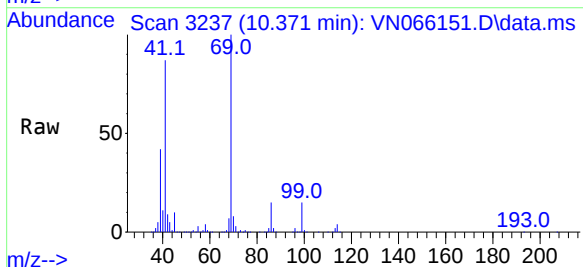
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 93.6  | 67.7  | 101.5 |
| 85  | 58.8  | 44.5  | 66.7  |
| 99  | 62.5  | 49.4  | 74.0  |

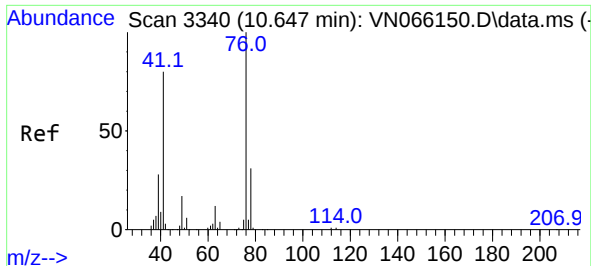


#56  
Ethyl methacrylate  
Concen: 150.30 ug/l  
RT: 10.371 min Scan# 3237  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 69 Resp: 511799

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 86.5  | 49.6  | 74.4# |
| 39  | 41.5  | 28.0  | 42.0  |

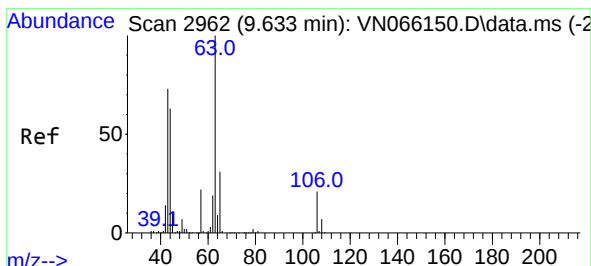
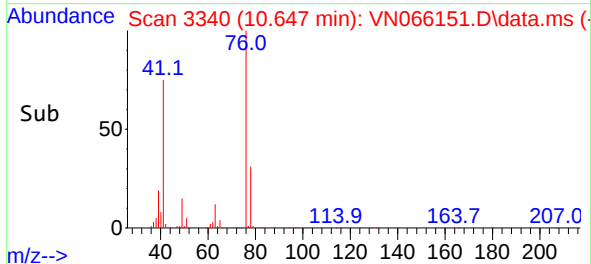
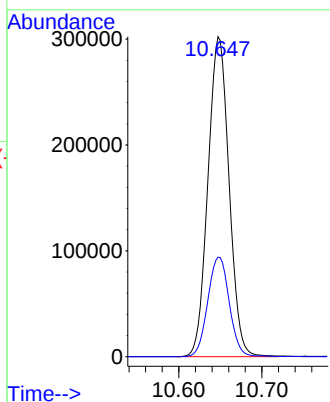
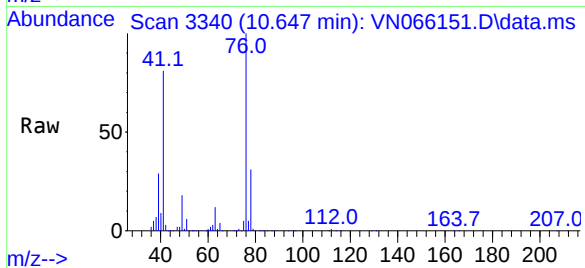




#57  
1,3-Dichloropropane  
Concen: 133.23 ug/l  
RT: 10.647 min Scan# 3340  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

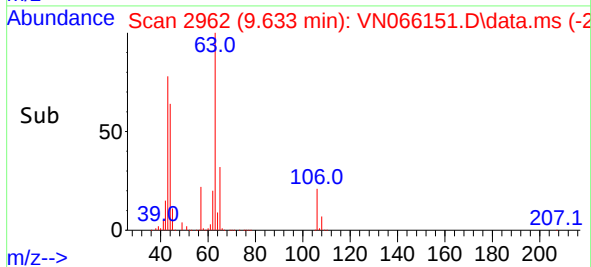
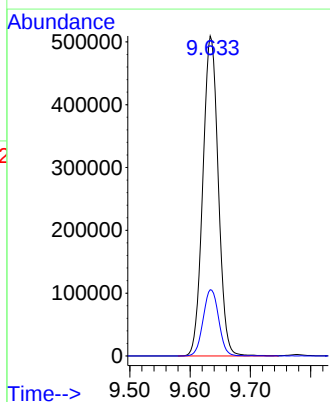
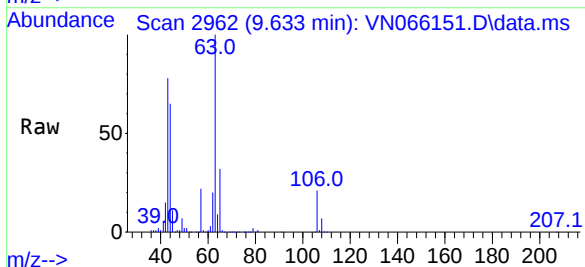
Instrument :  
MSVOA\_N  
ClientSampled :

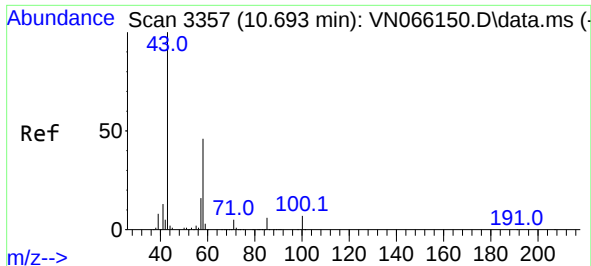
Tgt Ion: 76 Resp: 533225  
Ion Ratio Lower Upper  
76 100  
78 31.7 25.7 38.5



#58  
2-Chloroethyl Vinyl ether  
Concen: 695.03 ug/l  
RT: 9.633 min Scan# 2962  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 63 Resp: 905424  
Ion Ratio Lower Upper  
63 100  
106 20.9 22.6 33.8#

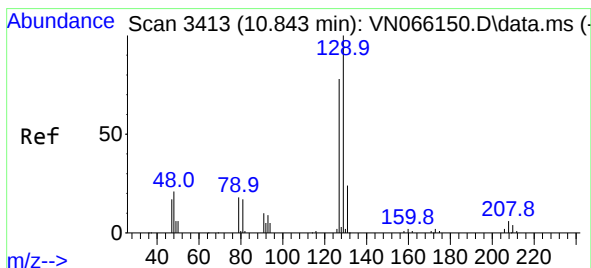
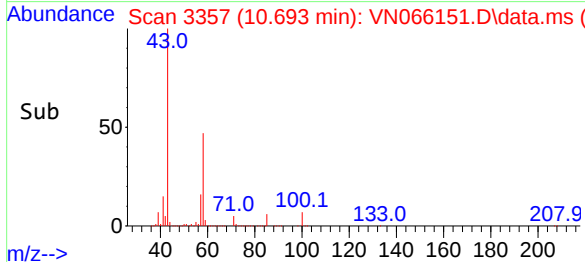
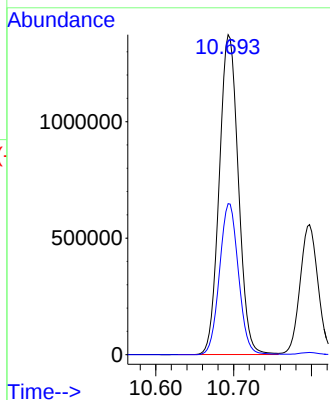
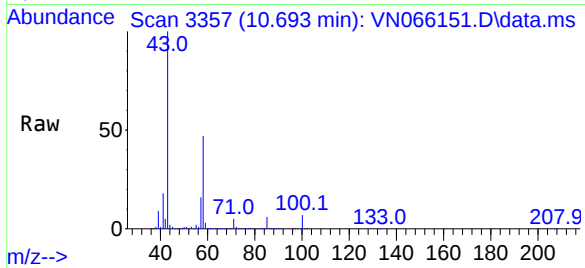




#59  
2-Hexanone  
Concen: 1106.58 ug/l  
RT: 10.693 min Scan# 3357  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

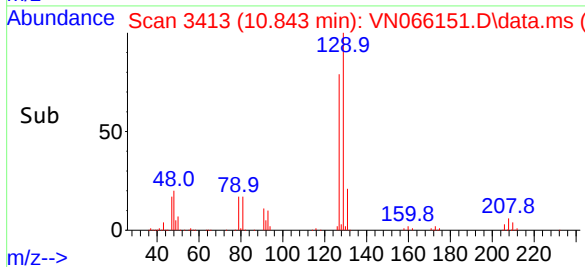
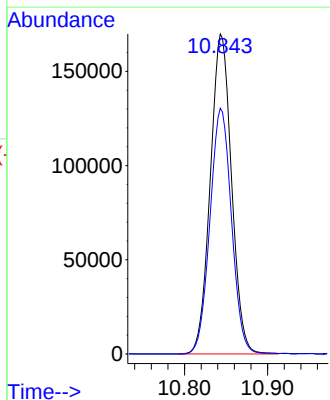
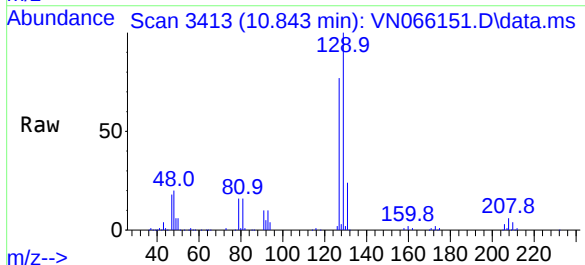
Instrument :  
MSVOA\_N  
ClientSampled :

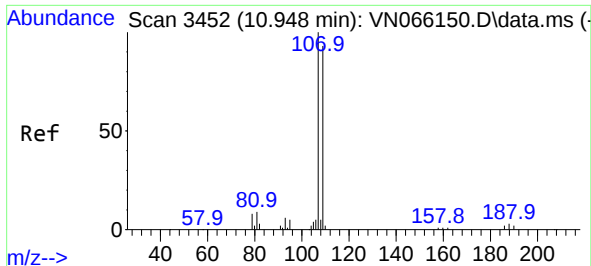
Tgt Ion: 43 Resp: 2331372  
Ion Ratio Lower Upper  
43 100  
58 46.8 28.1 84.3



#60  
Dibromochloromethane  
Concen: 115.55 ug/l  
RT: 10.843 min Scan# 3413  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion:129 Resp: 301789  
Ion Ratio Lower Upper  
129 100  
127 77.8 38.5 115.5

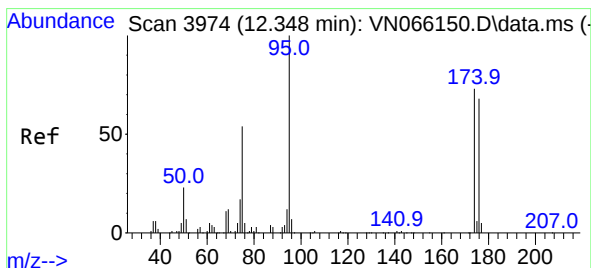
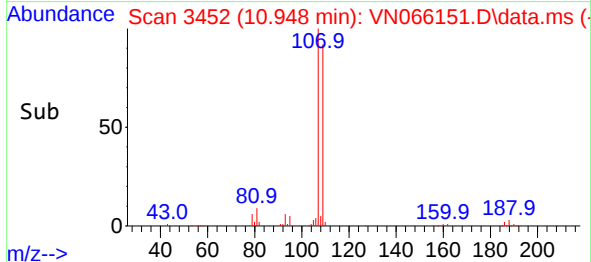
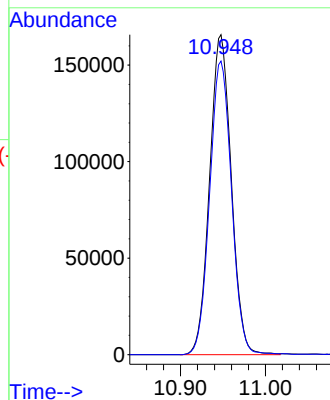
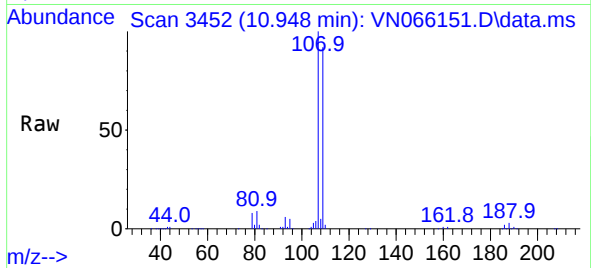




#61  
1,2-Dibromoethane  
Concen: 126.07 ug/l  
RT: 10.948 min Scan# 3452  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

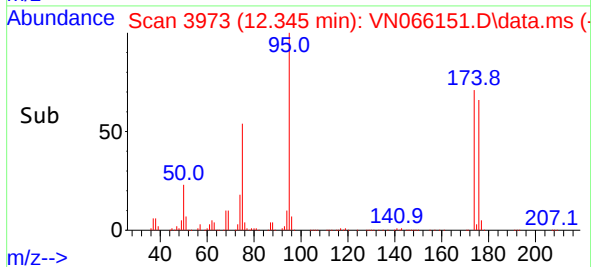
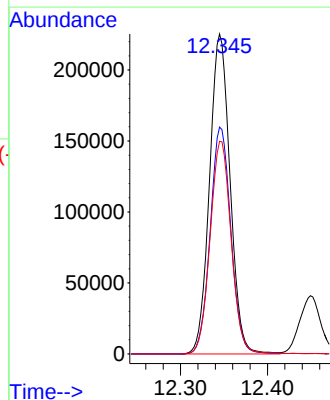
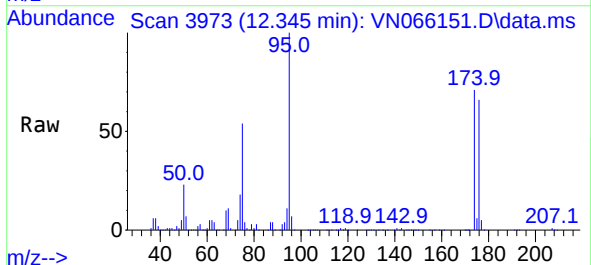
Instrument :  
MSVOA\_N  
ClientSampled :

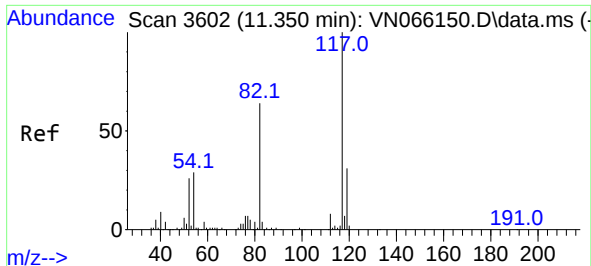
Tgt Ion:107 Resp: 293416  
Ion Ratio Lower Upper  
107 100  
109 92.7 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 115.36 ug/l  
RT: 12.345 min Scan# 3973  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 95 Resp: 369621  
Ion Ratio Lower Upper  
95 100  
174 71.5 0.0 169.0  
176 67.8 0.0 162.4

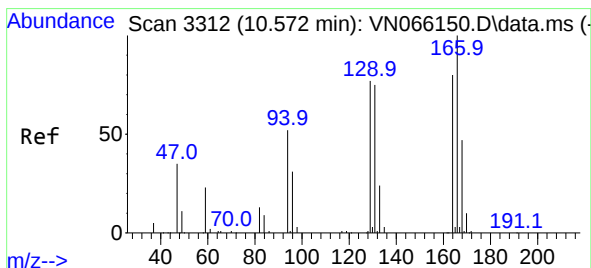
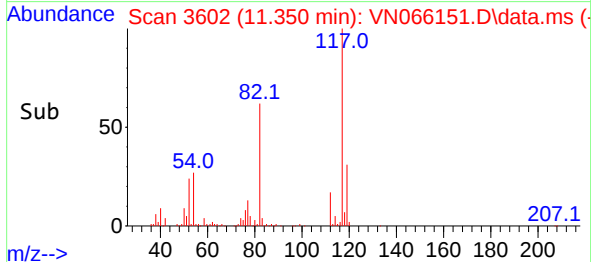
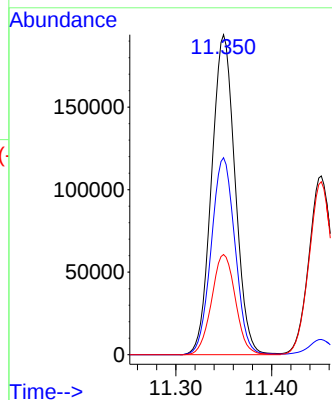
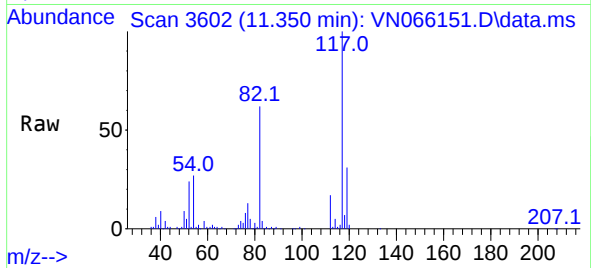




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.350 min Scan# 3602  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

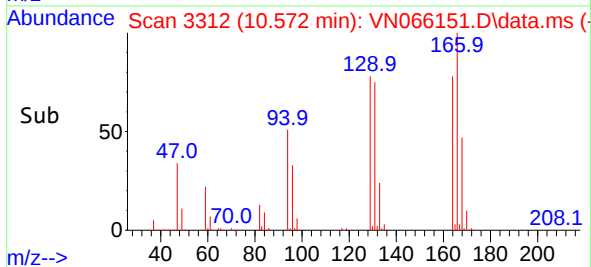
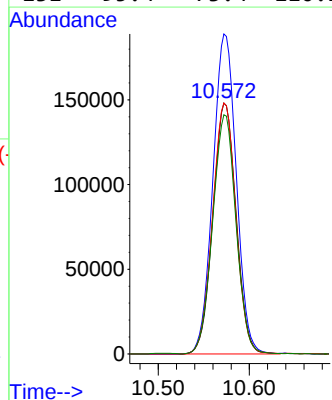
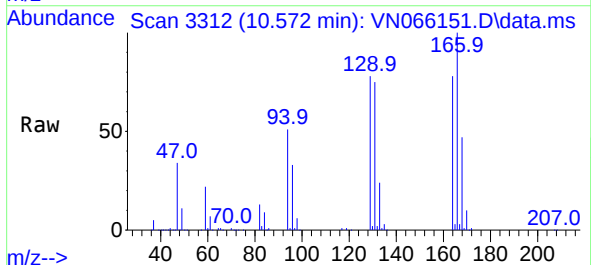
Instrument :  
MSVOA\_N  
ClientSampleId :

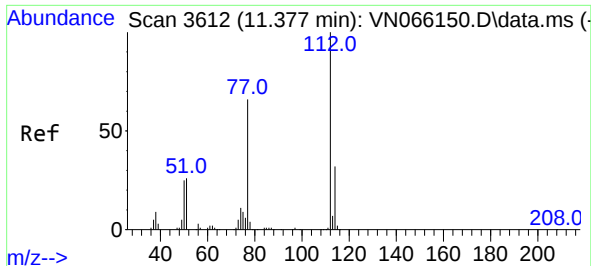
Tgt Ion:117 Resp: 330399  
Ion Ratio Lower Upper  
117 100  
82 61.5 43.7 65.5  
119 31.3 26.1 39.1



#64  
Tetrachloroethene  
Concen: 96.08 ug/l  
RT: 10.572 min Scan# 3312  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion:164 Resp: 262597  
Ion Ratio Lower Upper  
164 100  
166 127.6 102.6 154.0  
129 100.0 76.2 114.4  
131 95.4 73.4 110.2

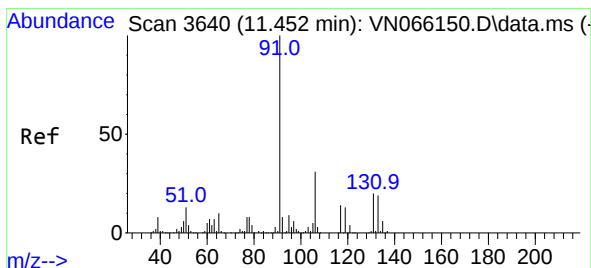
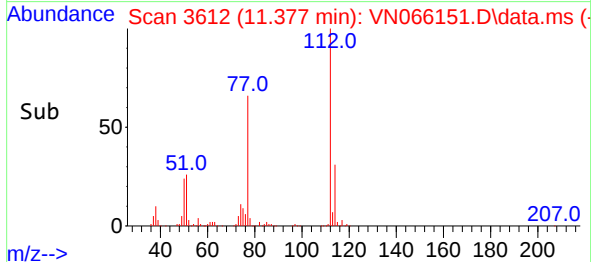
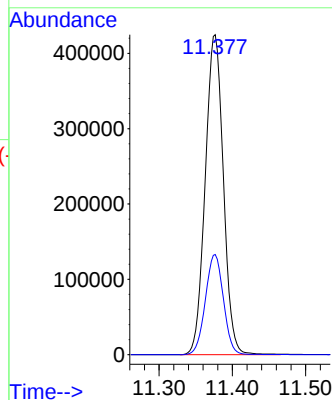
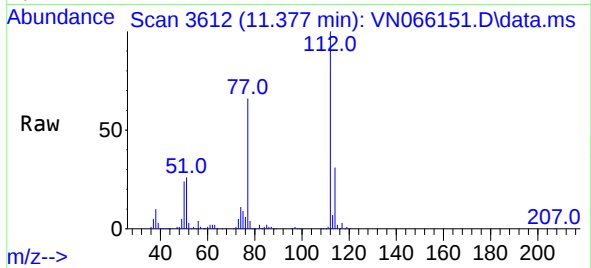




#65  
Chlorobenzene  
Concen: 105.58 ug/l  
RT: 11.377 min Scan# 3612  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

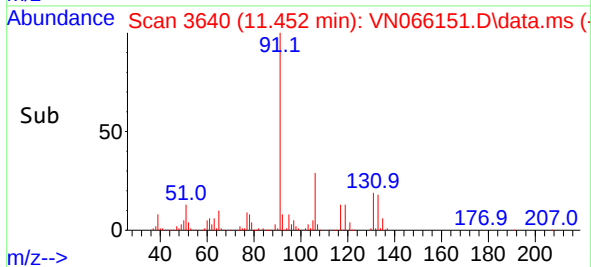
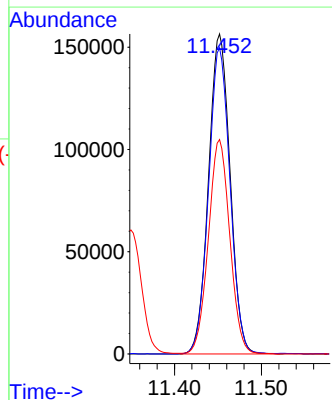
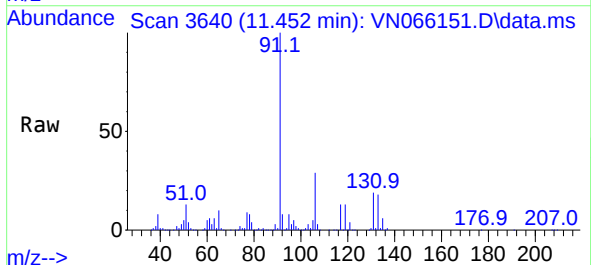
Instrument :  
MSVOA\_N  
ClientSampled :

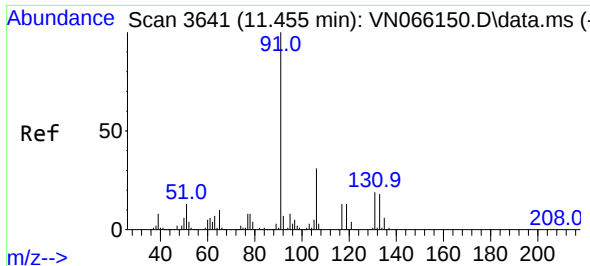
Tgt Ion:112 Resp: 730685  
Ion Ratio Lower Upper  
112 100  
114 31.3 26.1 39.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 103.05 ug/l  
RT: 11.452 min Scan# 3640  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion:131 Resp: 269657  
Ion Ratio Lower Upper  
131 100  
133 95.4 48.0 144.0  
119 66.7 34.1 102.2

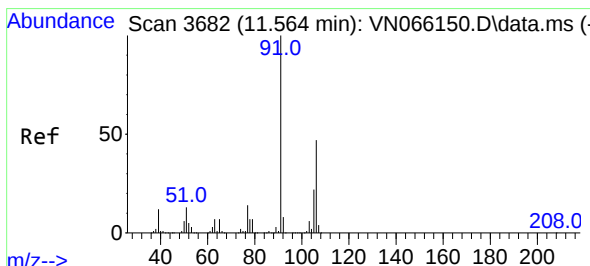
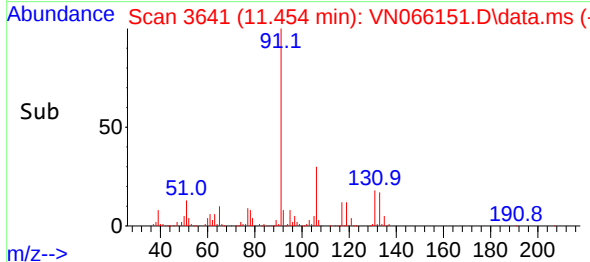
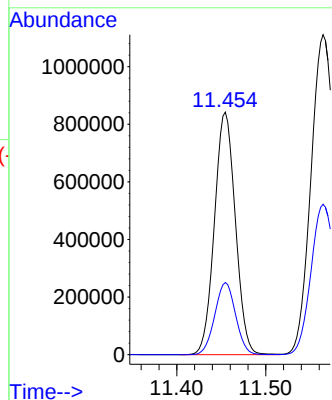
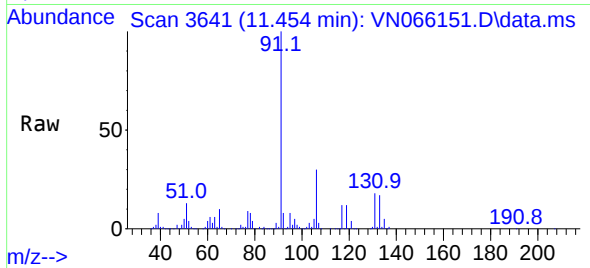




#67  
Ethyl Benzene  
Concen: 109.39 ug/l  
RT: 11.454 min Scan# 3641  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

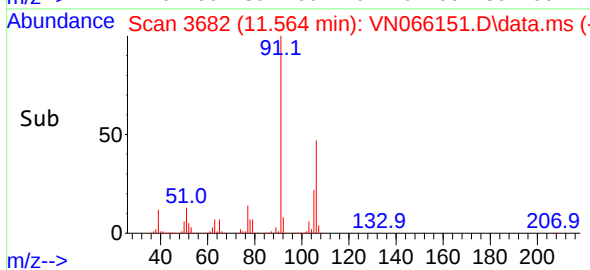
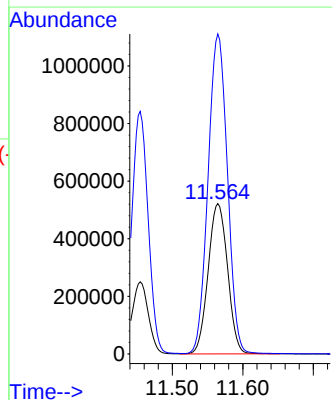
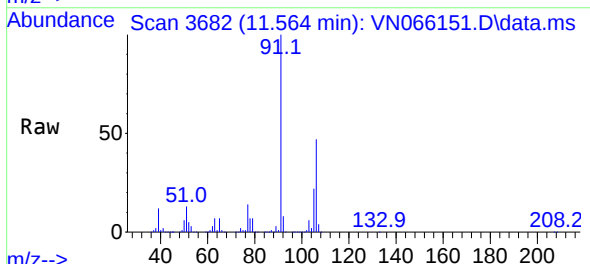
Instrument :  
MSVOA\_N  
ClientSampleId :

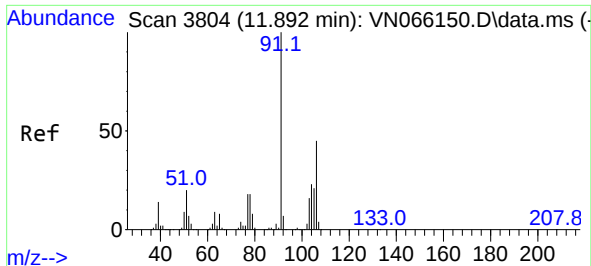
Tgt Ion: 91 Resp: 1377231  
Ion Ratio Lower Upper  
91 100  
106 29.7 25.5 38.3



#68  
m/p-Xylenes  
Concen: 207.63 ug/l  
RT: 11.564 min Scan# 3682  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion:106 Resp: 997520  
Ion Ratio Lower Upper  
106 100  
91 212.5 161.4 242.0

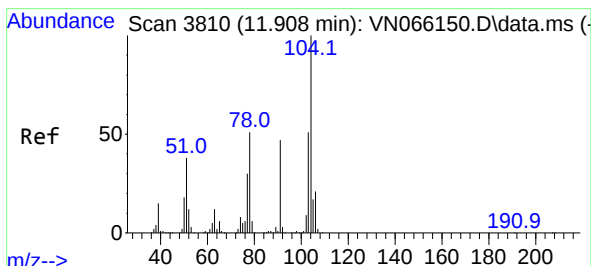
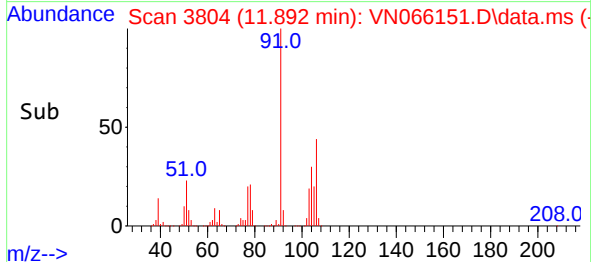
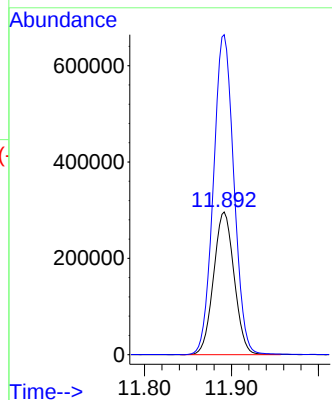
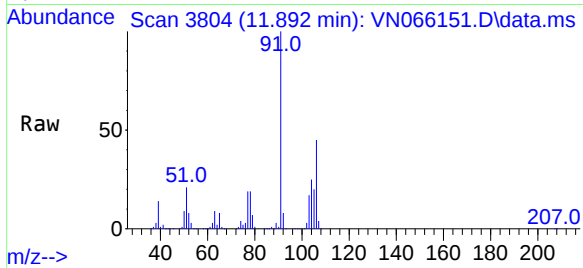




#69  
o-Xylene  
Concen: 103.82 ug/l  
RT: 11.892 min Scan# 3804  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

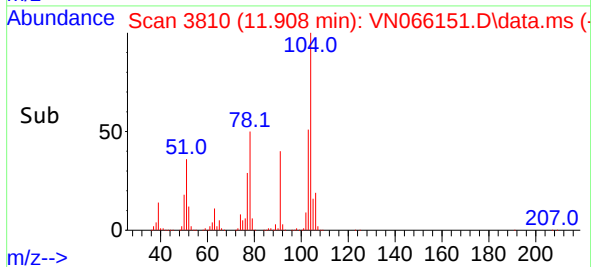
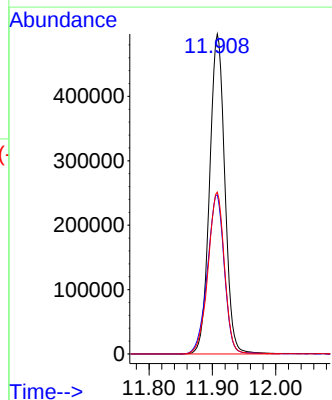
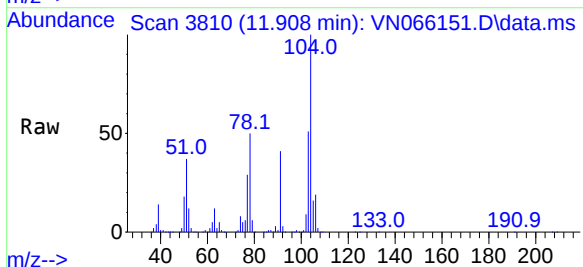
Instrument :  
MSVOA\_N  
ClientSampled :

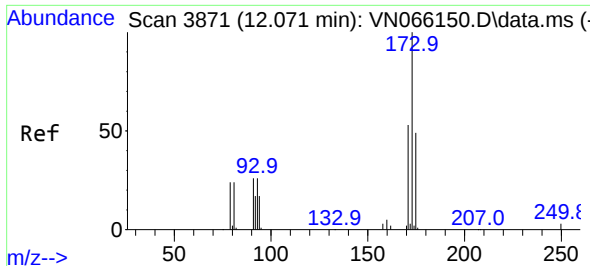
Tgt Ion:106 Resp: 487997  
Ion Ratio Lower Upper  
106 100  
91 223.3 106.8 320.4



#70  
Styrene  
Concen: 112.30 ug/l  
RT: 11.908 min Scan# 3810  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion:104 Resp: 833065  
Ion Ratio Lower Upper  
104 100  
78 55.1 39.0 58.4  
103 54.6 44.5 66.7

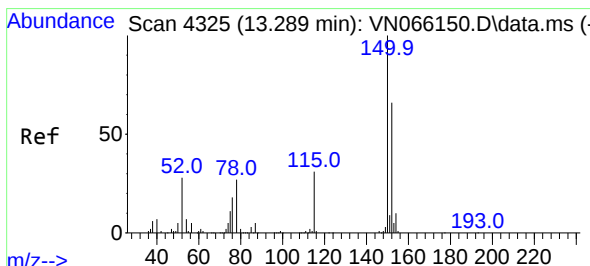
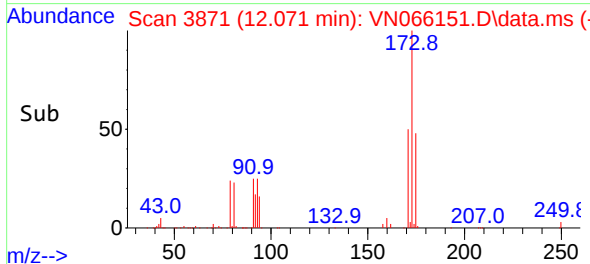
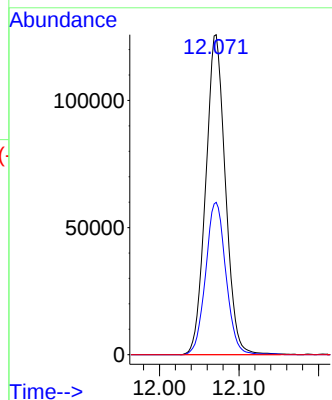
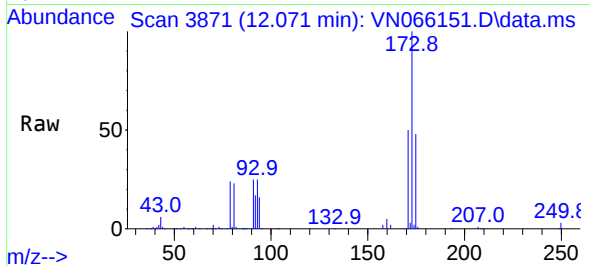




#71  
Bromoform  
Concen: 116.97 ug/l  
RT: 12.071 min Scan# 3871  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

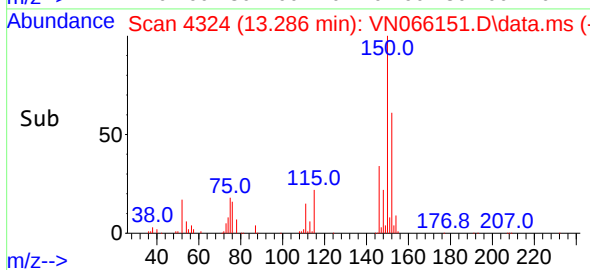
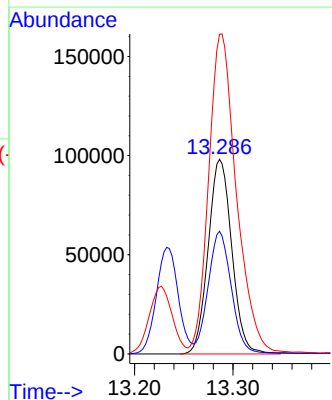
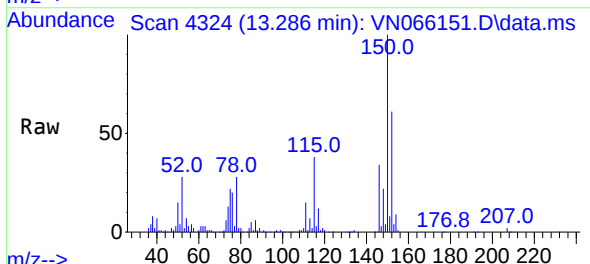
Instrument :  
MSVOA\_N  
ClientSampled :

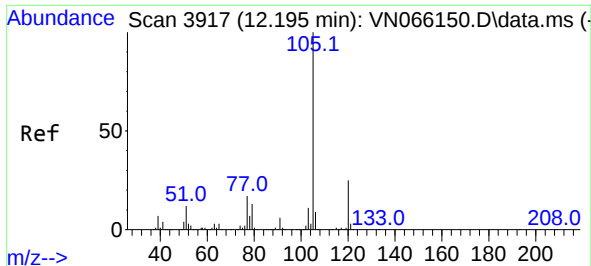
Tgt Ion:173 Resp: 216438  
Ion Ratio Lower Upper  
173 100  
175 48.9 23.8 71.2  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.286 min Scan# 4324  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion:152 Resp: 164410  
Ion Ratio Lower Upper  
152 100  
115 61.1 28.5 85.6  
150 190.9 0.0 347.6

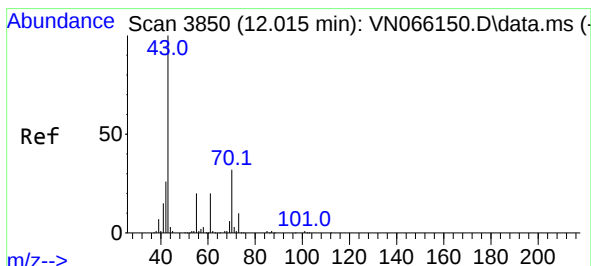
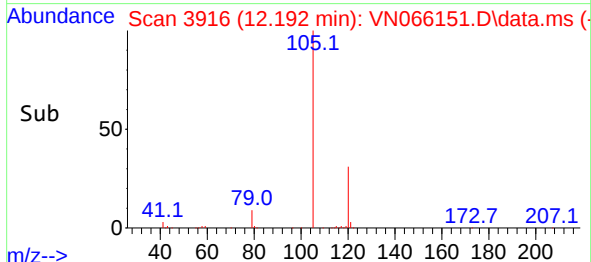
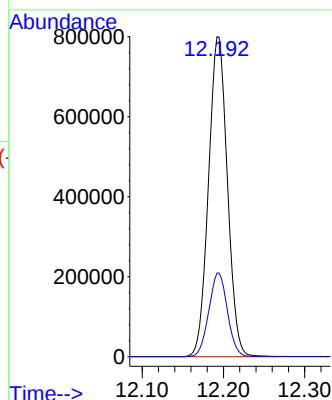
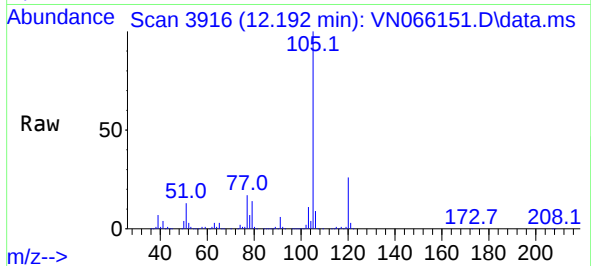




#73  
Isopropylbenzene  
Concen: 96.72 ug/l  
RT: 12.192 min Scan# 3916  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

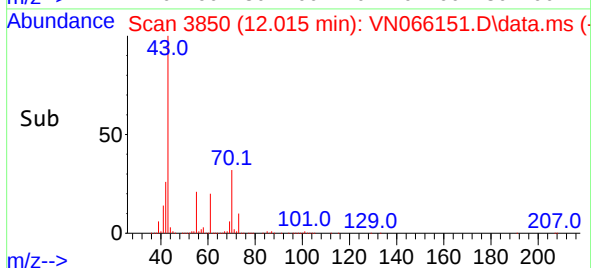
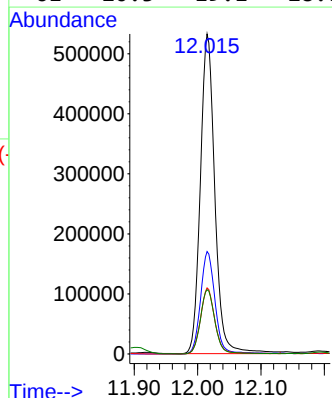
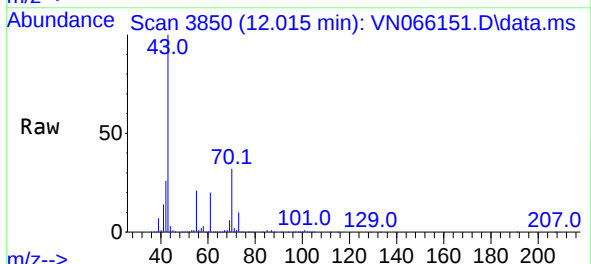
Instrument :  
MSVOA\_N  
ClientSampleId :

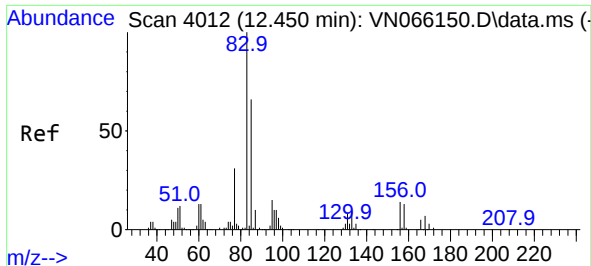
Tgt Ion:105 Resp: 1289877  
Ion Ratio Lower Upper  
105 100  
120 25.8 13.3 39.9



#74  
N-ethyl acetate  
Concen: 227.65 ug/l  
RT: 12.015 min Scan# 3850  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 43 Resp: 845657  
Ion Ratio Lower Upper  
43 100  
70 32.2 34.4 51.6#  
55 20.6 20.7 31.1#  
61 20.3 19.1 28.7

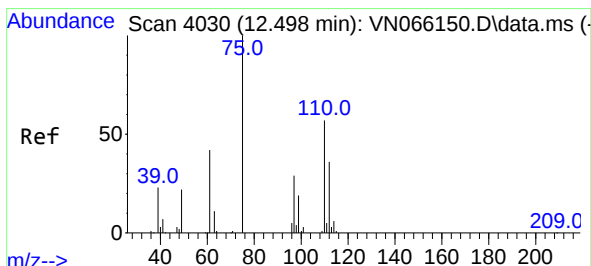
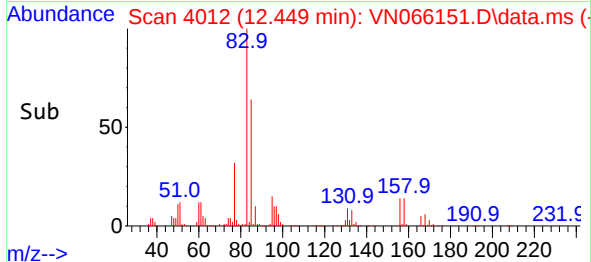
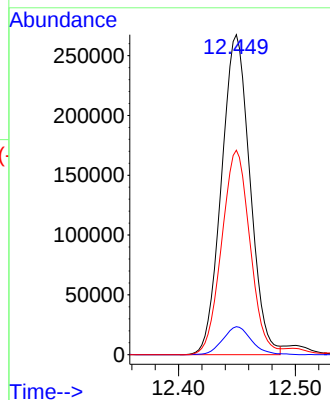
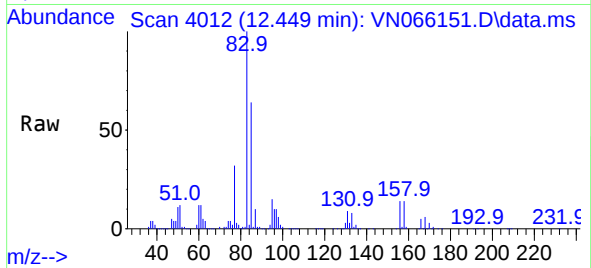




#75  
1,1,2,2-Tetrachloroethane  
Concen: 122.23 ug/l  
RT: 12.449 min Scan# 4012  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

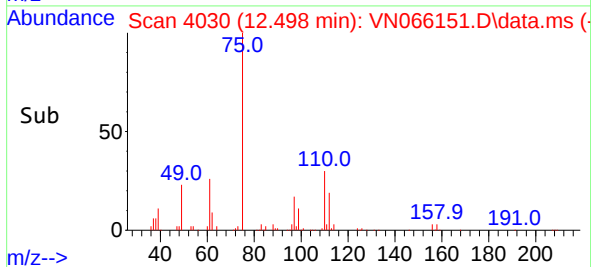
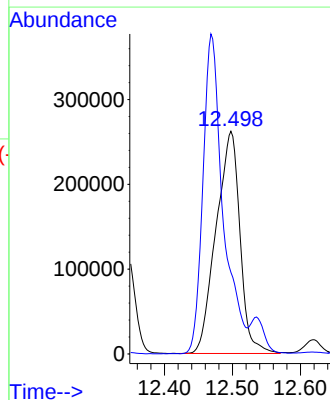
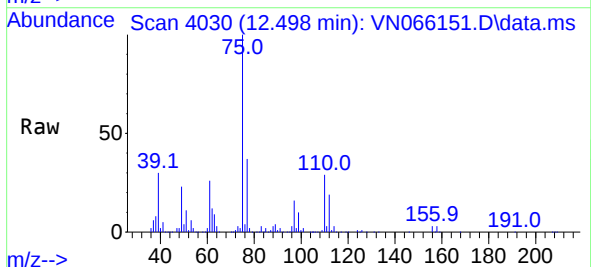
Instrument :  
MSVOA\_N  
ClientSampleId :

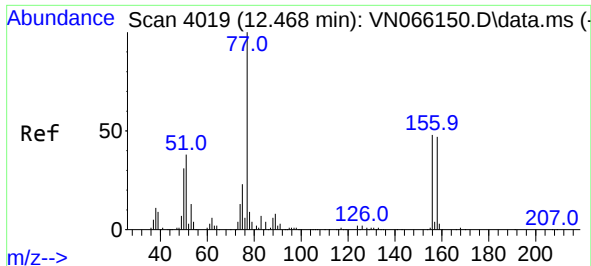
Tgt Ion: 83 Resp: 453393  
Ion Ratio Lower Upper  
83 100  
131 8.8 5.3 15.8  
85 63.6 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 170.16 ug/l  
RT: 12.498 min Scan# 4030  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 75 Resp: 639532  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

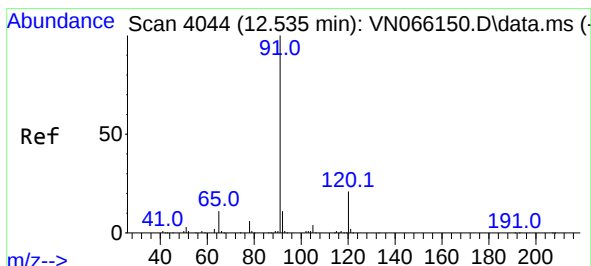
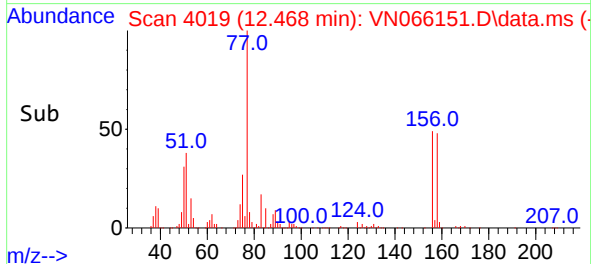
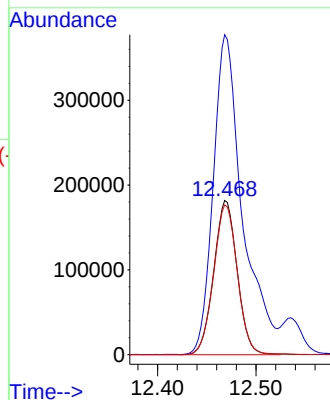
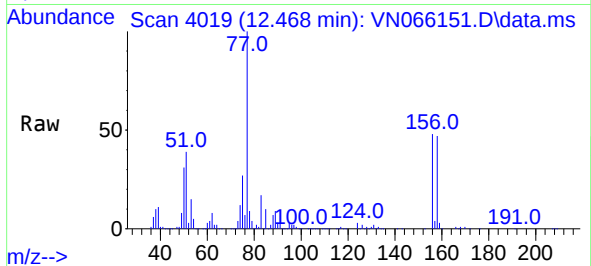




#77  
Bromobenzene  
Concen: 98.13 ug/l  
RT: 12.468 min Scan# 4019  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

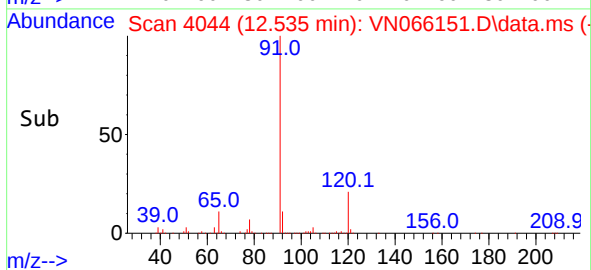
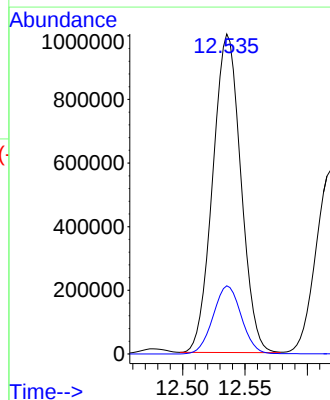
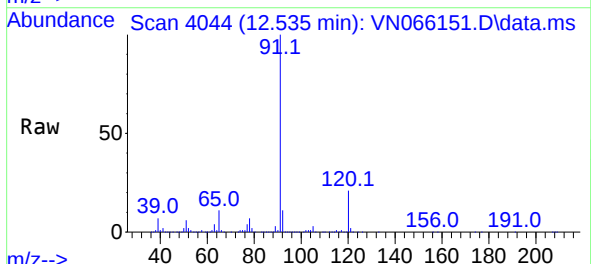
Instrument :  
MSVOA\_N  
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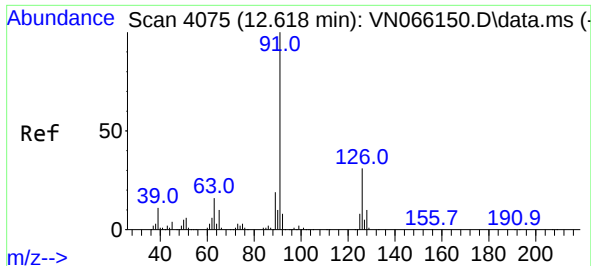
Tgt Ion:156 Resp: 301836  
Ion Ratio Lower Upper  
156 100  
77 258.0 96.3 288.8  
158 98.5 49.0 147.0



#78  
n-propylbenzene  
Concen: 106.64 ug/l  
RT: 12.535 min Scan# 4044  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 91 Resp: 1567246  
Ion Ratio Lower Upper  
91 100  
120 21.6 11.8 35.3

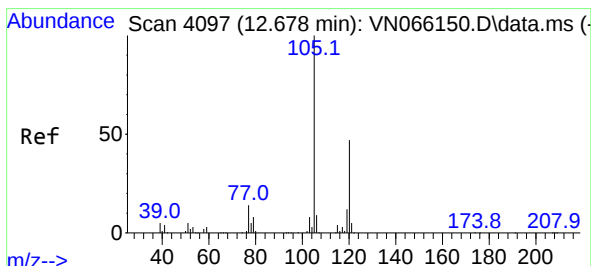
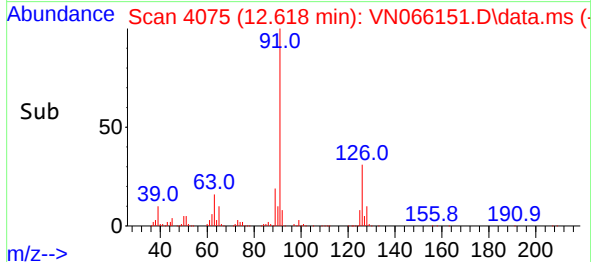
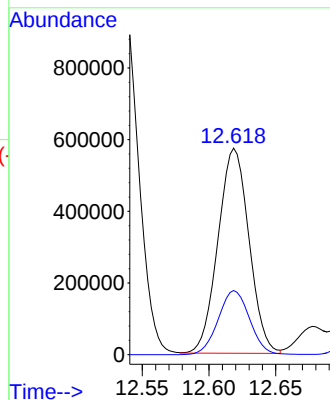
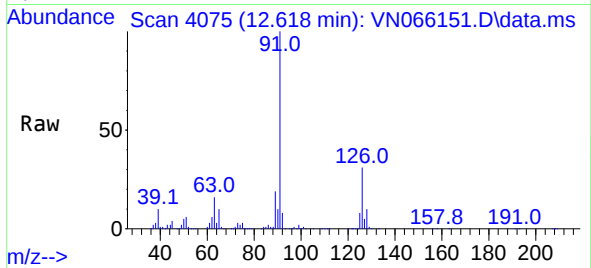




#79  
2-Chlorotoluene  
Concen: 98.65 ug/l  
RT: 12.618 min Scan# 4075  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

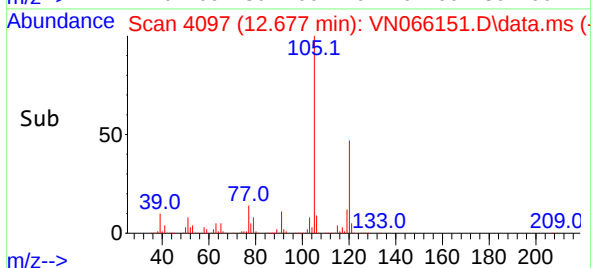
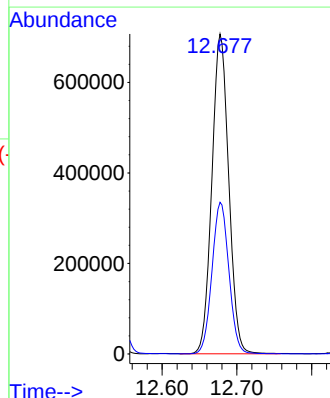
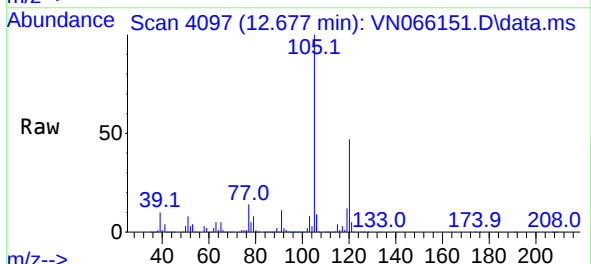
Instrument :  
MSVOA\_N  
ClientSampled :

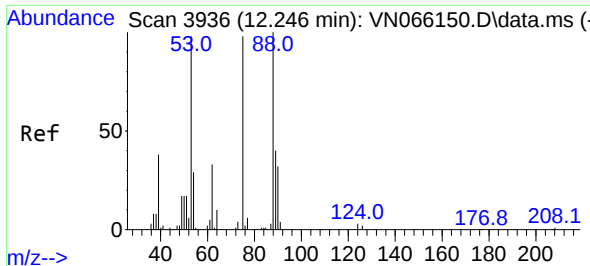
Tgt Ion: 91 Resp: 926155  
Ion Ratio Lower Upper  
91 100  
126 31.8 17.4 52.3



#80  
1,3,5-Trimethylbenzene  
Concen: 93.87 ug/l  
RT: 12.677 min Scan# 4097  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion:105 Resp: 1105923  
Ion Ratio Lower Upper  
105 100  
120 47.5 24.3 72.8

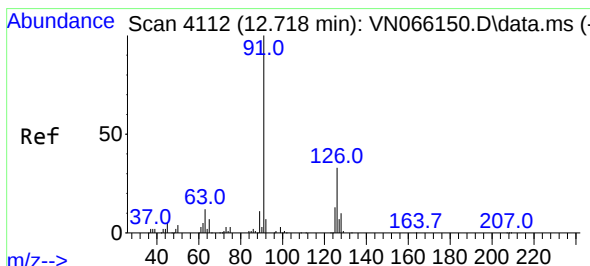
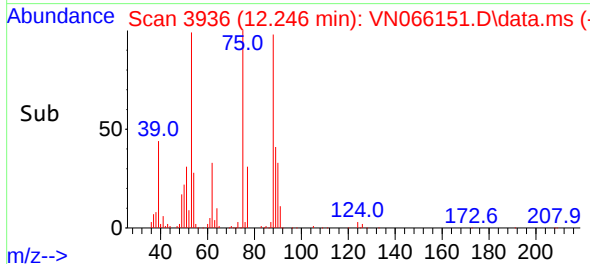
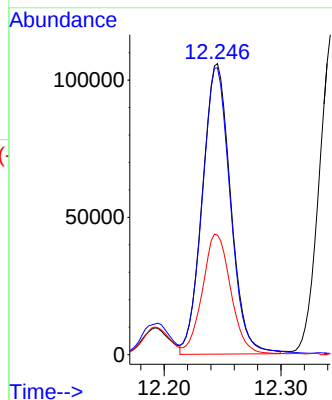
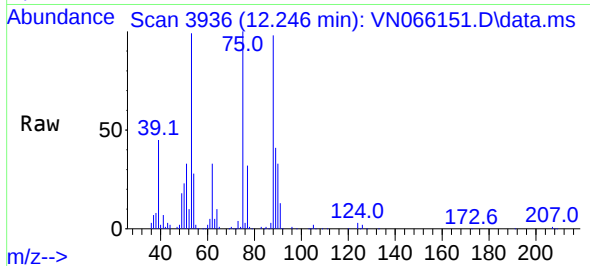




#81  
trans-1,4-Dichloro-2-butene  
Concen: 136.29 ug/l  
RT: 12.246 min Scan# 3936  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

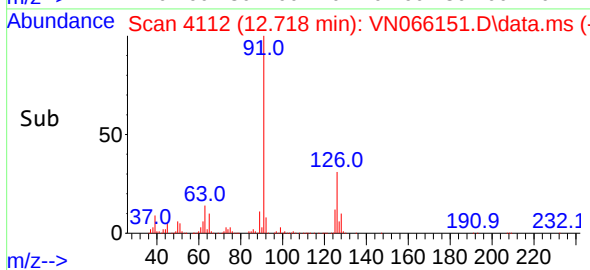
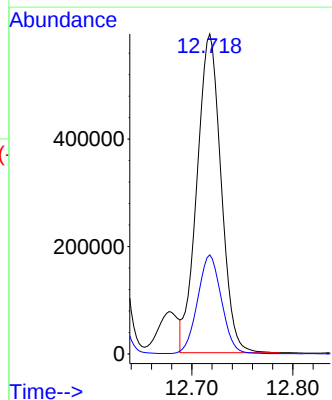
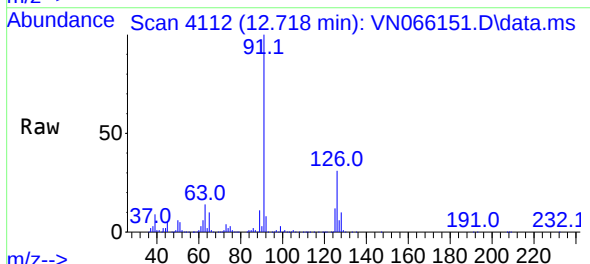
Instrument :  
MSVOA\_N  
ClientSampled :

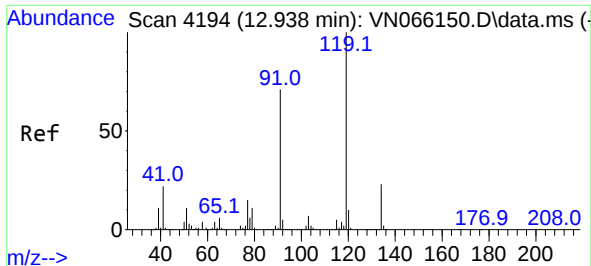
Tgt Ion: 75 Resp: 178120  
Ion Ratio Lower Upper  
75 100  
53 97.6 74.6 111.8  
89 41.2 35.8 53.8



#82  
4-Chlorotoluene  
Concen: 101.33 ug/l  
RT: 12.718 min Scan# 4112  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

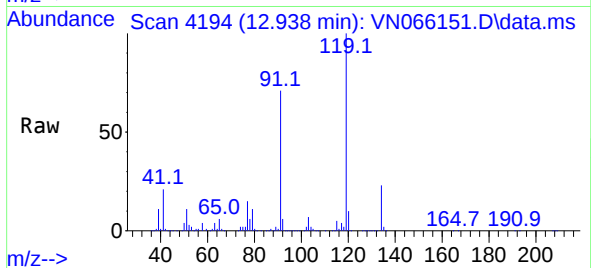
Tgt Ion: 91 Resp: 982607  
Ion Ratio Lower Upper  
91 100  
126 30.7 17.2 51.6



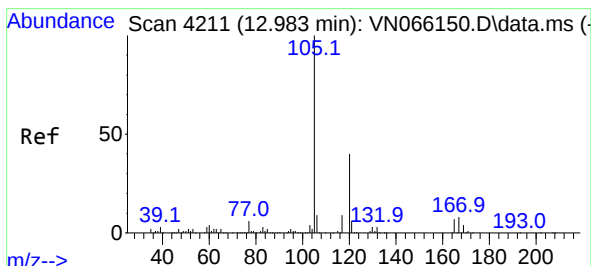
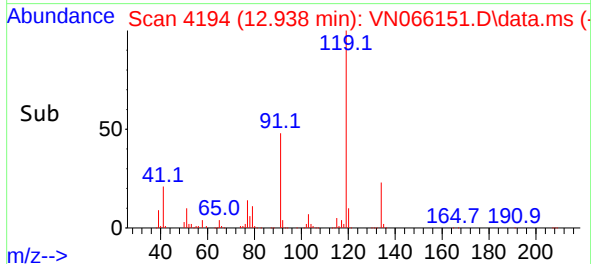
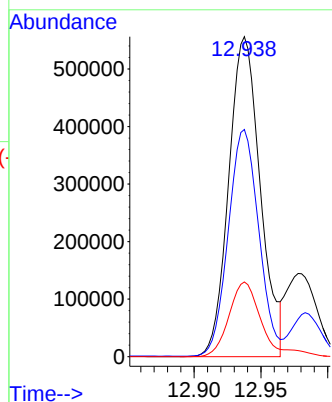


#83  
tert-Butylbenzene  
Concen: 94.63 ug/l  
RT: 12.938 min Scan# 4194  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Instrument :  
MSVOA\_N  
ClientSampled :

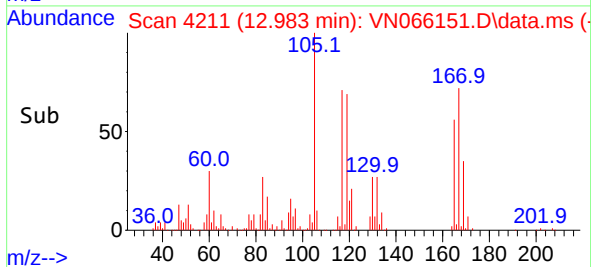
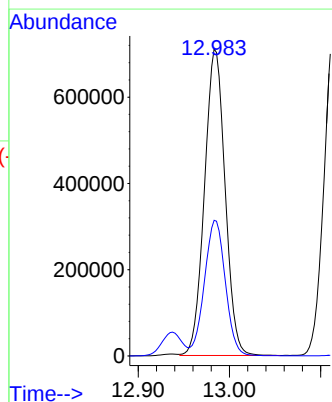
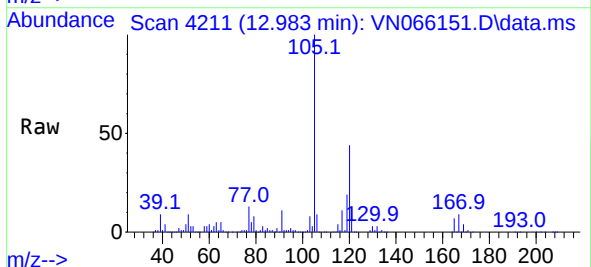


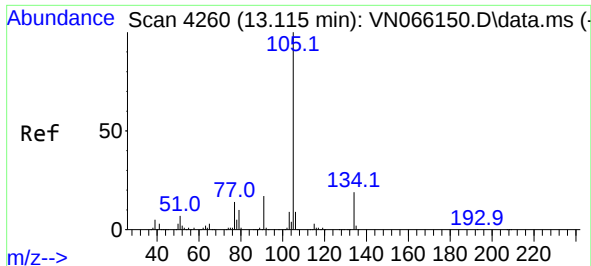
Tgt Ion:119 Resp: 913730  
Ion Ratio Lower Upper  
119 100  
91 68.5 33.0 98.9  
134 24.3 12.7 38.1



#84  
1,2,4-Trimethylbenzene  
Concen: 96.79 ug/l  
RT: 12.983 min Scan# 4211  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion:105 Resp: 1115384  
Ion Ratio Lower Upper  
105 100  
120 44.8 22.4 67.0

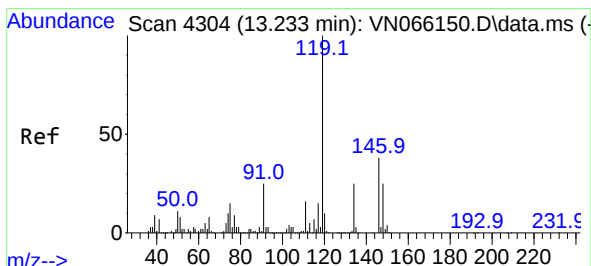
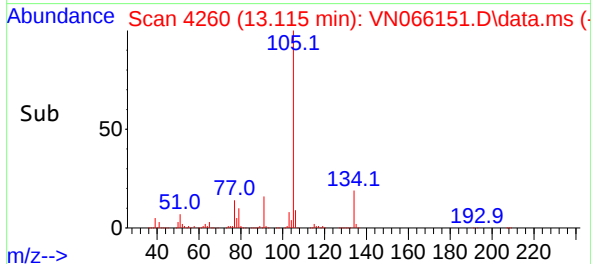
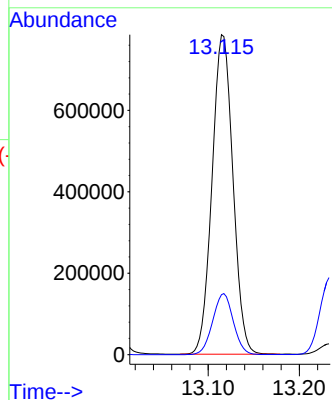
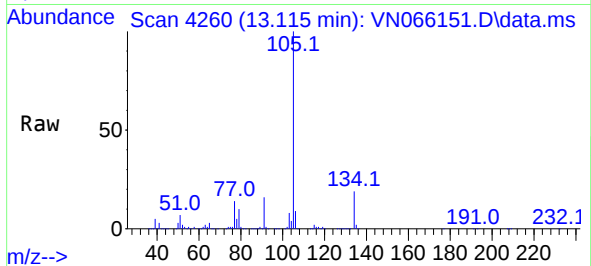




#85  
sec-Butylbenzene  
Concen: 103.69 ug/l  
RT: 13.115 min Scan# 4260  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

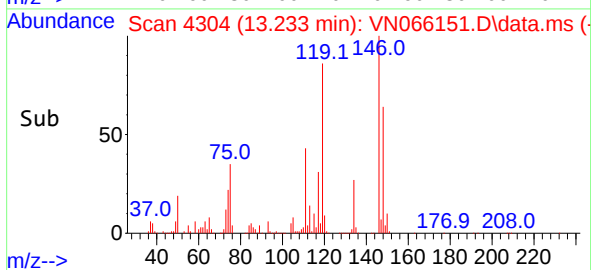
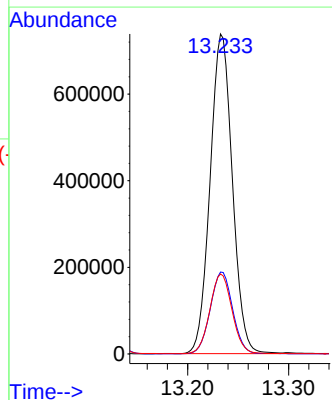
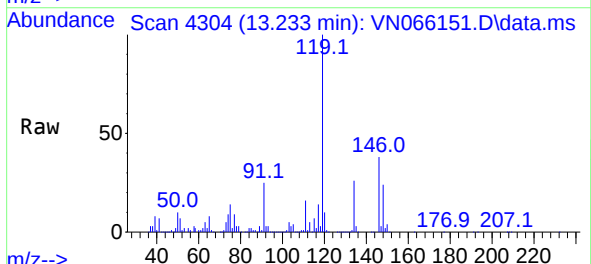
Instrument :  
MSVOA\_N  
ClientSampled :

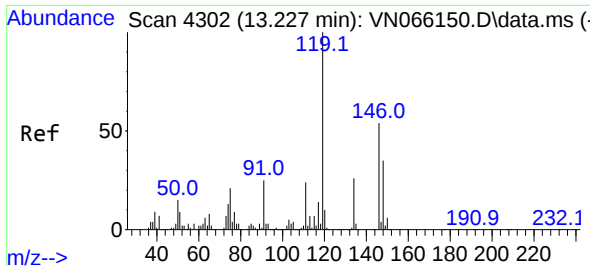
Tgt Ion:105 Resp: 1247239  
Ion Ratio Lower Upper  
105 100  
134 18.9 10.0 30.0



#86  
p-Isopropyltoluene  
Concen: 101.51 ug/l  
RT: 13.233 min Scan# 4304  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion:119 Resp: 1128730  
Ion Ratio Lower Upper  
119 100  
134 25.6 13.3 39.8  
91 24.8 11.8 35.3

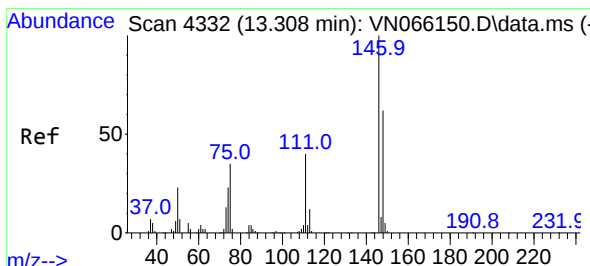
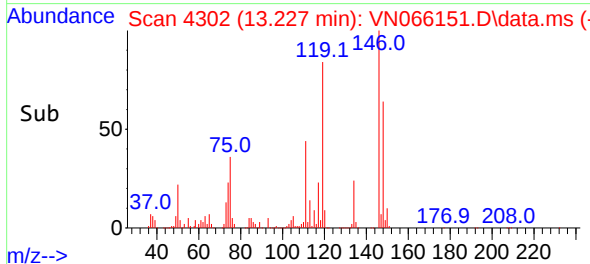
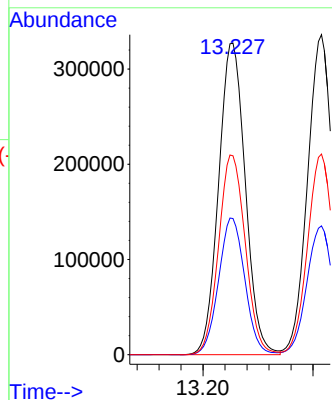
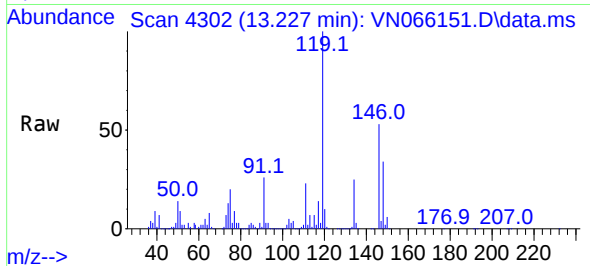




#87  
1,3-Dichlorobenzene  
Concen: 102.61 ug/l  
RT: 13.227 min Scan# 4302  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

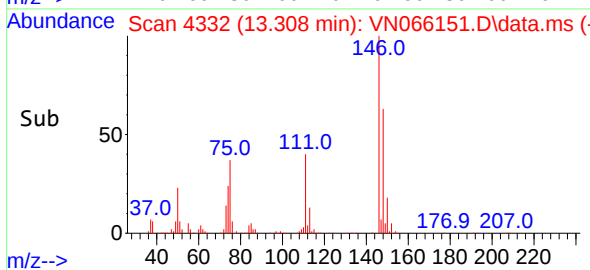
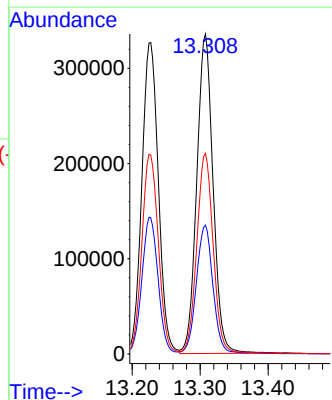
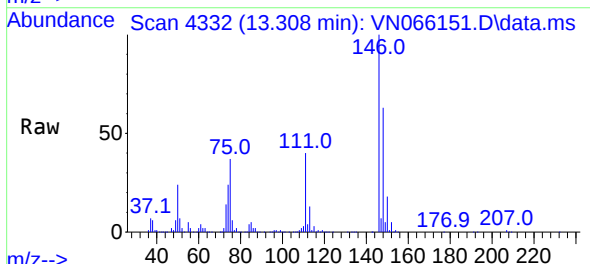
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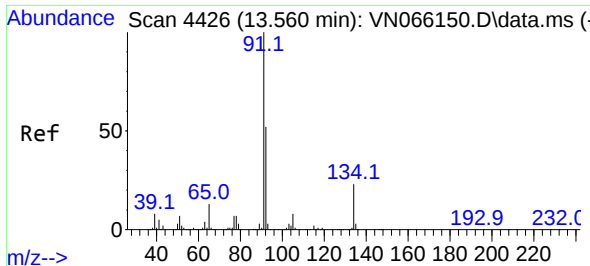
Tgt Ion:146 Resp: 551920  
Ion Ratio Lower Upper  
146 100  
111 43.1 19.5 58.5  
148 64.2 32.3 96.9



#88  
1,4-Dichlorobenzene  
Concen: 99.06 ug/l  
RT: 13.308 min Scan# 4332  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion:146 Resp: 558622  
Ion Ratio Lower Upper  
146 100  
111 40.5 19.0 57.0  
148 63.1 31.8 95.3

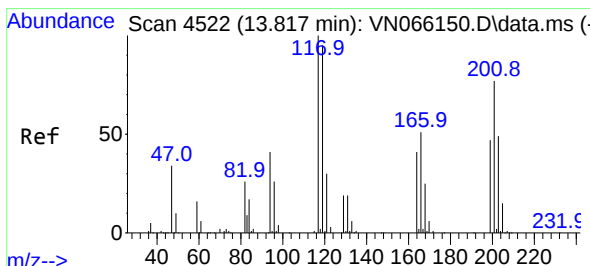
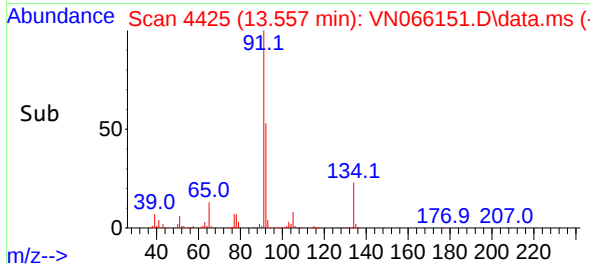
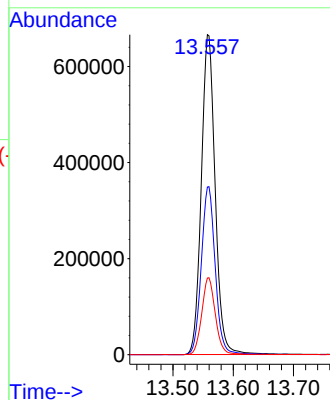
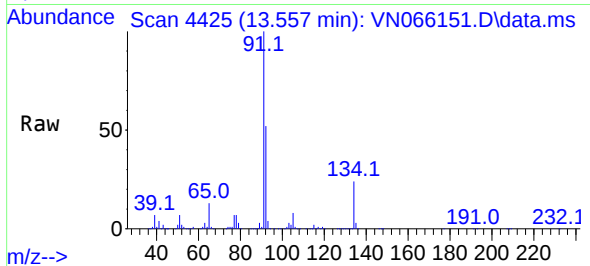




#89  
n-Butylbenzene  
Concen: 118.45 ug/l  
RT: 13.557 min Scan# 4425  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

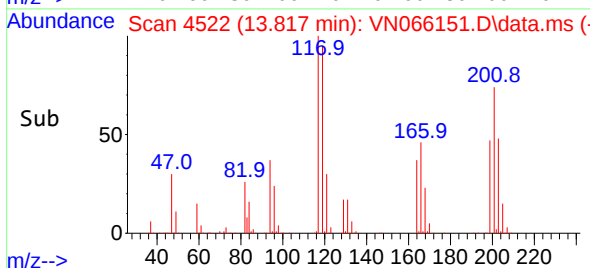
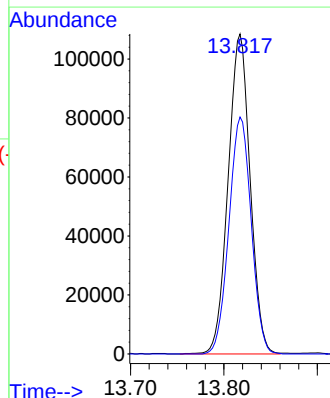
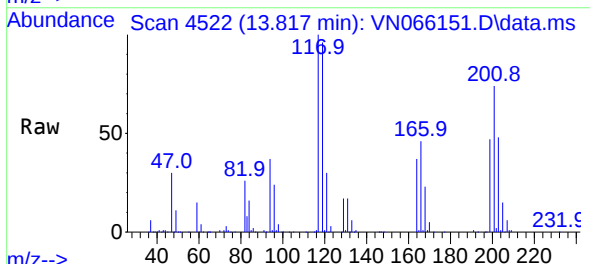
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ClientSampleId :

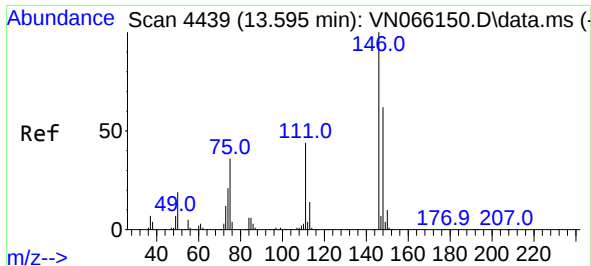
Tgt Ion: 91 Resp: 1066515  
Ion Ratio Lower Upper  
91 100  
92 52.8 26.1 78.3  
134 23.7 13.0 38.9



#90  
Hexachloroethane  
Concen: 104.82 ug/l  
RT: 13.817 min Scan# 4522  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 117 Resp: 177359  
Ion Ratio Lower Upper  
117 100  
201 75.0 37.8 113.3

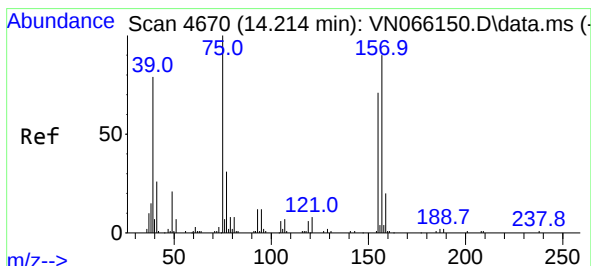
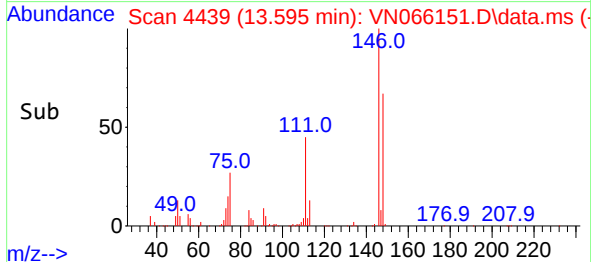
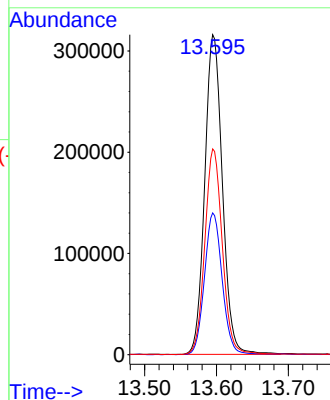
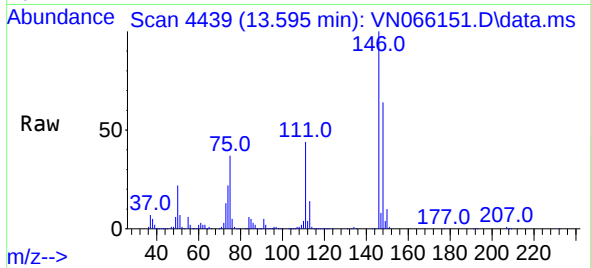




#91  
1,2-Dichlorobenzene  
Concen: 101.66 ug/l  
RT: 13.595 min Scan# 4439  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

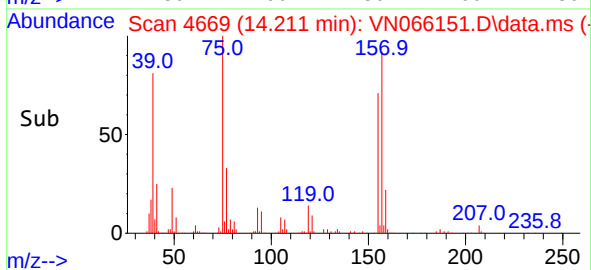
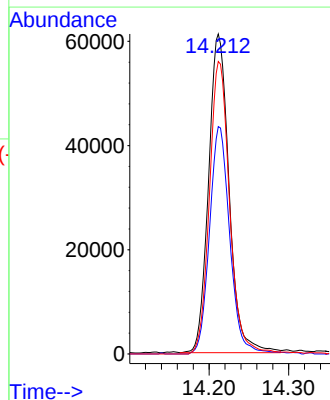
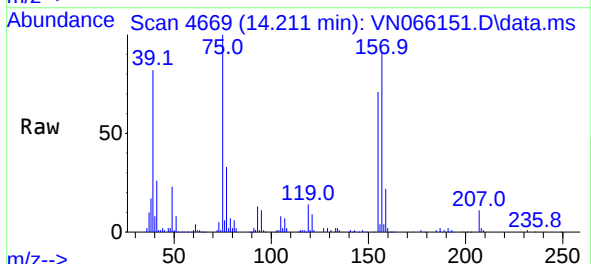
Instrument :  
MSVOA\_N  
ClientSampleId :

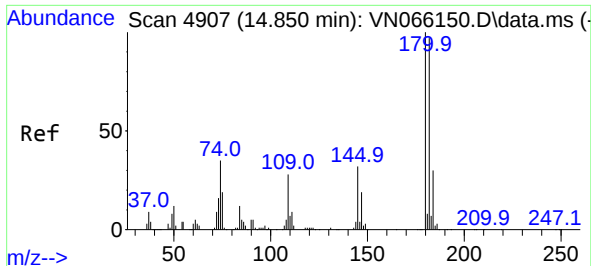
Tgt Ion:146 Resp: 541020  
Ion Ratio Lower Upper  
146 100  
111 44.4 20.1 60.3  
148 63.8 32.0 96.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 96.48 ug/l  
RT: 14.211 min Scan# 4669  
Delta R.T. -0.003 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion: 75 Resp: 109627  
Ion Ratio Lower Upper  
75 100  
155 70.5 44.1 132.4  
157 90.5 56.0 168.2

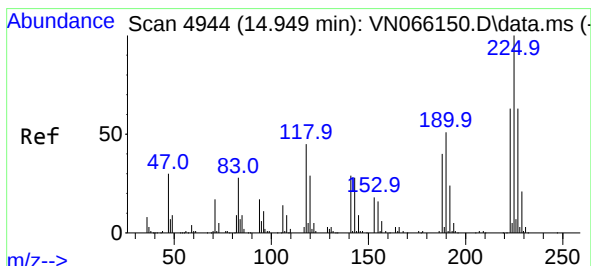
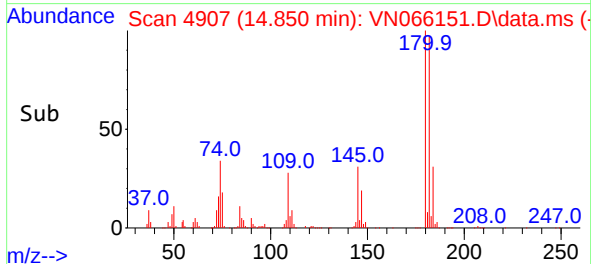
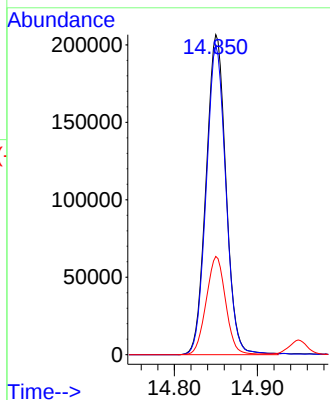
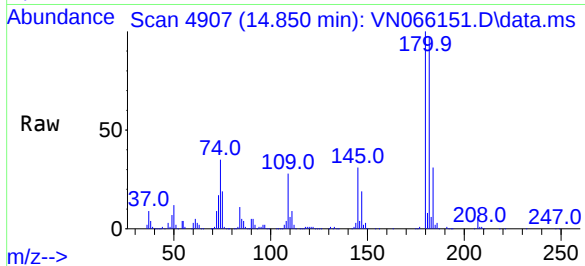




#93  
1,2,4-Trichlorobenzene  
Concen: 118.90 ug/l  
RT: 14.850 min Scan# 4907  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

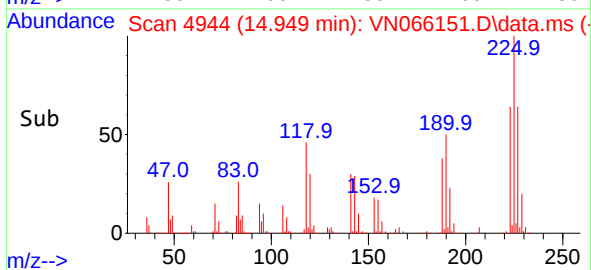
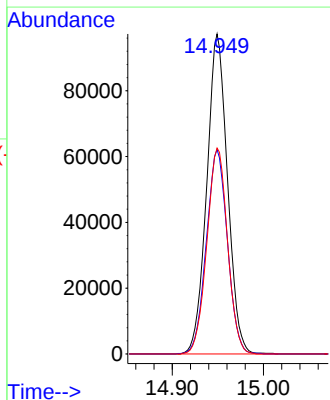
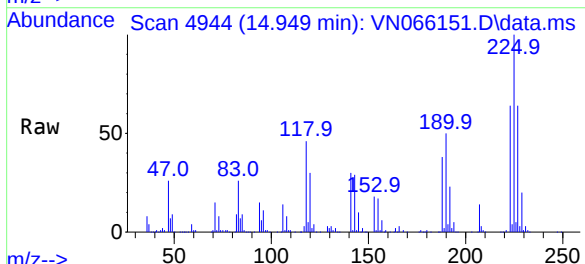
Instrument :  
MSVOA\_N  
ClientSampled :

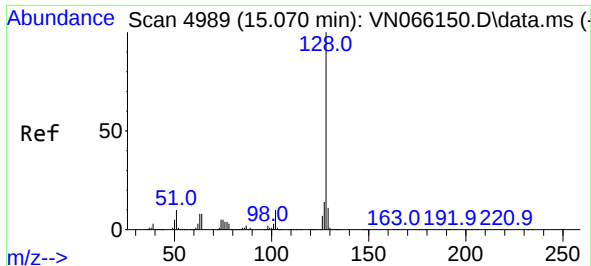
Tgt Ion:180 Resp: 342175  
Ion Ratio Lower Upper  
180 100  
182 95.5 47.3 142.0  
145 30.1 15.6 46.8



#94  
Hexachlorobutadiene  
Concen: 111.24 ug/l  
RT: 14.949 min Scan# 4944  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion:225 Resp: 153738  
Ion Ratio Lower Upper  
225 100  
223 64.8 31.9 95.9  
227 64.1 31.6 95.0



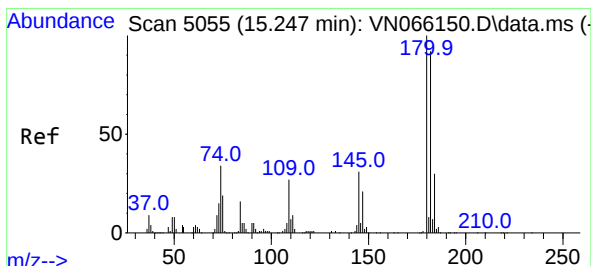
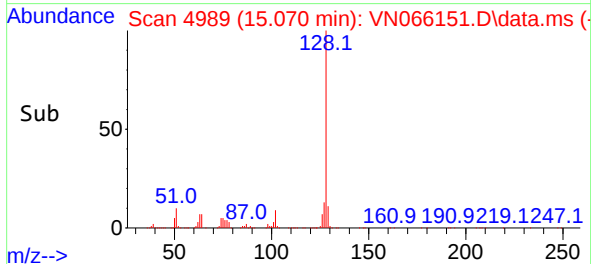
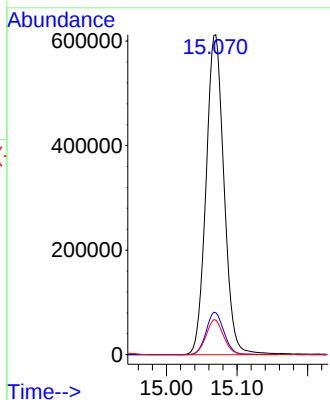
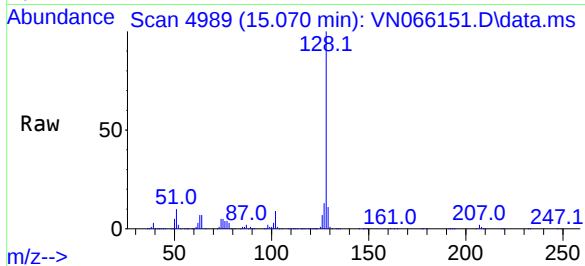


#95  
Naphthalene  
Concen: 115.48 ug/l  
RT: 15.070 min Scan# 4989  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion:128 Resp: 1083327  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.3  | 10.2  | 15.2  |
| 129 | 10.7  | 8.6   | 13.0  |



#96  
1,2,3-Trichlorobenzene  
Concen: 109.14 ug/l  
RT: 15.247 min Scan# 5055  
Delta R.T. -0.000 min  
Lab File: VN066151.D  
Acq: 9 Mar 2021 11:18

Tgt Ion:180 Resp: 340945  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 94.8  | 47.4  | 142.3 |
| 145 | 32.2  | 16.5  | 49.5  |

