

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021522\  
 Data File : VN070946.D  
 Acq On : 15 Feb 2022 12:22  
 Operator : JC\MD  
 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 16 08:26:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021522W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 16 07:52:42 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.081  | 168   | 708456   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.963  | 114   | 1102798  | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.739 | 117   | 962438   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.668 | 152   | 382460   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.433  | 65    | 7661     | 0.947    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | =      | 1.900%#  |
| 35) Dibromofluoromethane     | 8.022  | 113   | 5355     | 0.816    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | =      | 1.640%#  |
| 50) Toluene-d8               | 10.433 | 98    | 23007    | 0.873    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | =      | 1.740%#  |
| 62) 4-Bromofluorobenzene     | 12.733 | 95    | 7554     | 0.802    | ug/l   | 0.01     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | =      | 1.600%#  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.069  | 85    | 7953     | 1.081    | ug/l   | 83       |
| 3) Chloromethane             | 2.299  | 50    | 10781    | 1.166    | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.446  | 62    | 10725    | 1.158    | ug/l   | 96       |
| 5) Bromomethane              | 2.869  | 94    | 8240     | 1.567    | ug/l   | 89       |
| 6) Chloroethane              | 3.034  | 64    | 7576     | 1.247    | ug/l # | 72       |
| 7) Trichlorofluoromethane    | 3.381  | 101   | 13698    | 1.181    | ug/l   | 97       |
| 8) Diethyl Ether             | 3.816  | 74    | 5625     | 1.115    | ug/l   | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 4.204  | 101   | 7909     | 1.111    | ug/l # | 90       |
| 10) Methyl Iodide            | 4.416  | 142   | 10343    | 1.049    | ug/l # | 96       |
| 11) Tert butyl alcohol       | 5.357  | 59    | 6399     | 4.339    | ug/l # | 77       |
| 12) 1,1-Dichloroethene       | 4.169  | 96    | 7844     | 1.131    | ug/l   | 95       |
| 13) Acrolein                 | 4.034  | 56    | 10533    | 7.992    | ug/l   | 99       |
| 14) Allyl chloride           | 4.840  | 41    | 15946    | 1.206    | ug/l # | 86       |
| 15) Acrylonitrile            | 5.557  | 53    | 22221    | 5.115    | ug/l   | 96       |
| 16) Acetone                  | 4.281  | 43    | 26880    | 6.031    | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.534  | 76    | 22896    | 1.151    | ug/l # | 94       |
| 18) Methyl Acetate           | 4.845  | 43    | 14529    | 0.897    | ug/l # | 89       |
| 19) Methyl tert-butyl Ether  | 5.616  | 73    | 23549    | 0.968    | ug/l # | 87       |
| 20) Methylene Chloride       | 5.098  | 84    | 9196     | 1.135    | ug/l # | 84       |
| 21) trans-1,2-Dichloroethene | 5.598  | 96    | 7786     | 1.046    | ug/l   | 93       |
| 22) Diisopropyl ether        | 6.498  | 45    | 24039    | 0.948    | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.428  | 43    | 99400    | 4.628    | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.381  | 63    | 15085    | 1.061    | ug/l   | 92       |
| 25) 2-Butanone               | 7.333  | 43    | 27952    | 4.714    | ug/l   | 92       |
| 26) 2,2-Dichloropropane      | 7.316  | 77    | 12012    | 1.016    | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.316  | 96    | 8505     | 0.994    | ug/l   | 89       |
| 28) Bromochloromethane       | 7.651  | 49    | 5008     | 0.870    | ug/l # | 95       |
| 29) Tetrahydrofuran          | 7.686  | 42    | 18590    | 4.840    | ug/l   | 96       |
| 30) Chloroform               | 7.810  | 83    | 14739    | 1.054    | ug/l   | 97       |
| 31) Cyclohexane              | 8.086  | 56    | 27504    | 1.965    | ug/l # | 45       |
| 32) 1,1,1-Trichloroethane    | 8.016  | 97    | 11689    | 0.968    | ug/l # | 49       |
| 36) 1,1-Dichloropropene      | 8.222  | 75    | 11177    | 1.040    | ug/l   | 94       |
| 37) Ethyl Acetate            | 7.410  | 43    | 10585    | 0.918    | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 8.198  | 117   | 10582    | 0.999    | ug/l # | 93       |
| 39) Methylcyclohexane        | 9.457  | 83    | 13799    | 0.998    | ug/l   | 98       |
| 40) Benzene                  | 8.457  | 78    | 31969    | 1.006    | ug/l   | 93       |

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 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 16 08:26:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021522W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 16 07:52:42 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.633  | 41   | 5762     | 0.949  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 8.522  | 62   | 11223    | 1.037  | ug/l   | 93       |
| 43) Isopropyl Acetate         | 8.557  | 43   | 16886    | 0.930  | ug/l   | 96       |
| 44) Trichloroethene           | 9.204  | 130  | 8300     | 0.992  | ug/l   | 90       |
| 45) 1,2-Dichloropropane       | 9.486  | 63   | 7933     | 0.974  | ug/l   | 93       |
| 46) Dibromomethane            | 9.569  | 93   | 5468     | 1.020  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.757  | 83   | 10820    | 0.999  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.551  | 41   | 7496     | 0.872  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 3055     | 20.003 | ug/l # | 78       |
| 51) 4-Methyl-2-Pentanone      | 10.327 | 43   | 49171    | 4.449  | ug/l   | 99       |
| 52) Toluene                   | 10.498 | 92   | 18404    | 0.921  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.716 | 75   | 10108    | 0.858  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.186 | 75   | 11739    | 0.908  | ug/l # | 87       |
| 55) 1,1,2-Trichloroethane     | 10.898 | 97   | 8220     | 1.051  | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.751 | 69   | 9254     | 0.786  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 11.045 | 76   | 13253    | 0.980  | ug/l   | 95       |
| 58) 2-Chloroethyl Vinyl ether | 10.033 | 63   | 5531     | 33.643 | ug/l # | 87       |
| 59) 2-Hexanone                | 11.080 | 43   | 29685    | 3.905  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.233 | 129  | 7437     | 0.900  | ug/l   | 92       |
| 61) 1,2-Dibromoethane         | 11.339 | 107  | 7398     | 0.930  | ug/l   | 95       |
| 64) Tetrachloroethene         | 10.969 | 164  | 8414     | 1.123  | ug/l   | 88       |
| 65) Chlorobenzene             | 11.763 | 112  | 22122    | 1.067  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.833 | 131  | 7917     | 1.047  | ug/l # | 67       |
| 67) Ethyl Benzene             | 11.839 | 91   | 34598    | 0.953  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.945 | 106  | 26056    | 1.858  | ug/l   | 95       |
| 69) o-Xylene                  | 12.274 | 106  | 12608    | 0.921  | ug/l   | 100      |
| 70) Styrene                   | 12.292 | 104  | 17768    | 0.816  | ug/l   | 97       |
| 71) Bromoform                 | 12.457 | 173  | 5504     | 0.914  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.574 | 105  | 30214    | 0.981  | ug/l   | 95       |
| 74) N-amyl acetate            | 12.392 | 43   | 8342     | 0.848  | ug/l # | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 12.821 | 83   | 10712    | 1.095  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.880 | 75   | 12009    | 1.334  | ug/l # | 1        |
| 77) Bromobenzene              | 12.851 | 156  | 7638     | 1.014  | ug/l   | 75       |
| 78) n-propylbenzene           | 12.915 | 91   | 33310    | 0.963  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.998 | 91   | 21349    | 1.016  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.051 | 105  | 22749    | 0.912  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.616 | 75   | 2332     | 0.839  | ug/l # | 95       |
| 82) 4-Chlorotoluene           | 13.098 | 91   | 19398    | 0.951  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.315 | 119  | 27779    | 1.174  | ug/l   | 89       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 22707    | 0.925  | ug/l   | 92       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 28450    | 0.913  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 22004    | 0.860  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.615 | 146  | 13328    | 0.999  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 13.615 | 146  | 13328    | 1.020  | ug/l   | 95       |
| 89) n-Butylbenzene            | 13.939 | 91   | 19723    | 0.945  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.204 | 117  | 4372     | 0.957  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 13361    | 1.067  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.604 | 75   | 1510     | 0.953  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.257 | 180  | 4780     | 2.651  | ug/l   | 94       |
| 94) Hexachlorobutadiene       | 15.357 | 225  | 5512     | 1.207  | ug/l   | 92       |
| 95) Naphthalene               | 15.509 | 128  | 6245     | 5.318  | ug/l # | 92       |
| 96) 1,2,3-Trichlorobenzene    | 15.698 | 180  | 4299     | 3.145  | ug/l   | 96       |

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Sample : VSTDIC001  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

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MSVOA\_N  
ClientSampleId :

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Quant Title : SW846 8260  
QLast Update : Wed Feb 16 07:52:42 2022  
Response via : Initial Calibration

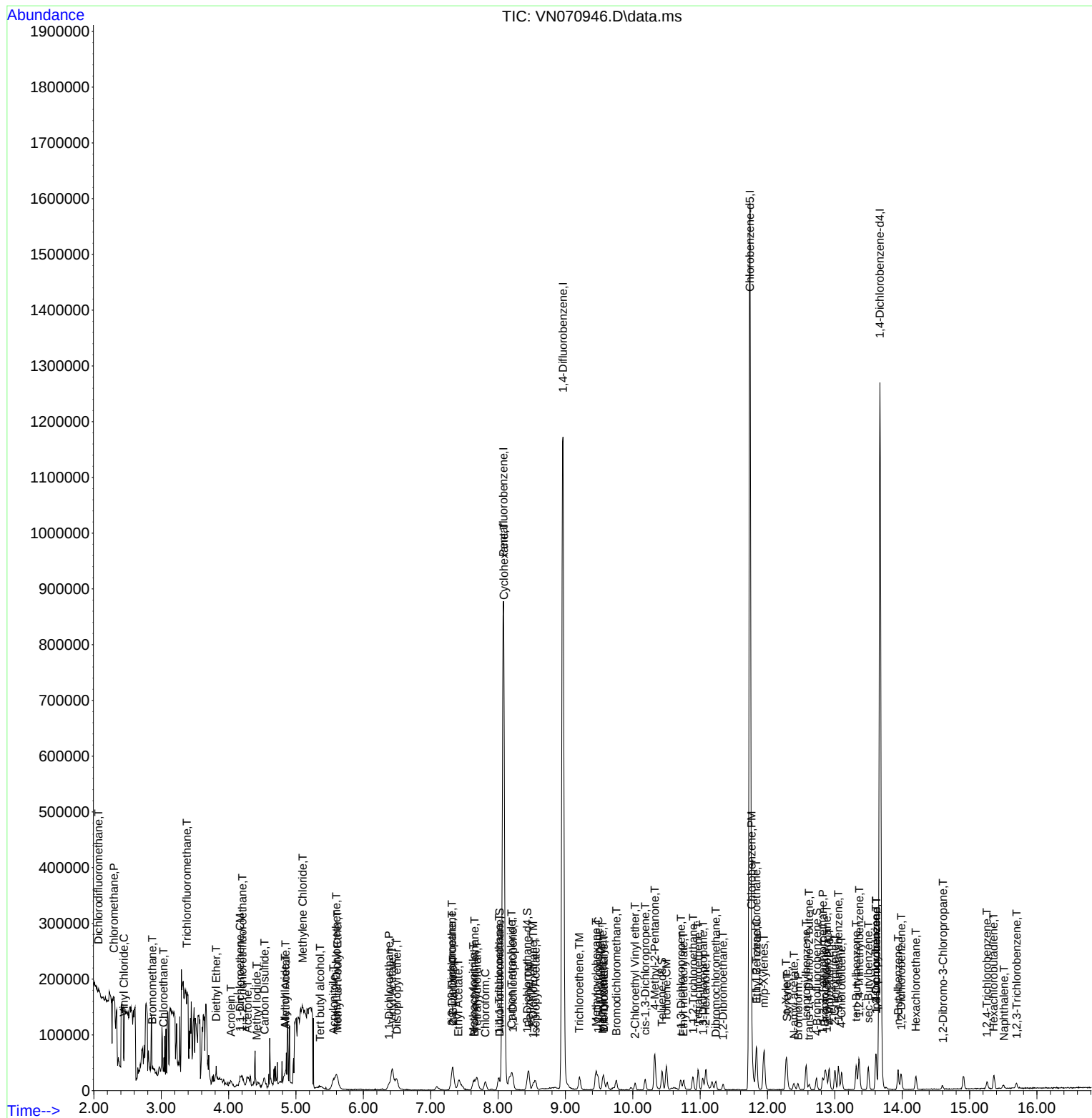
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

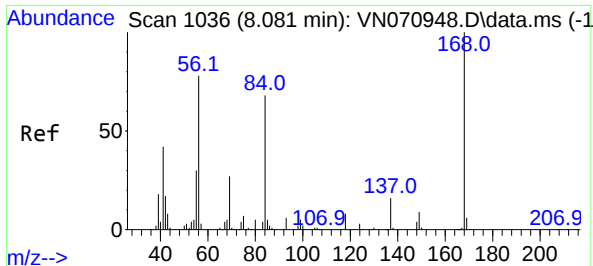
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 Sample : VSTDIC001  
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 ALS Vial : 3 Sample Multiplier: 1

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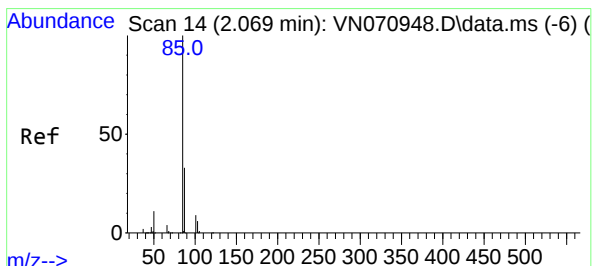
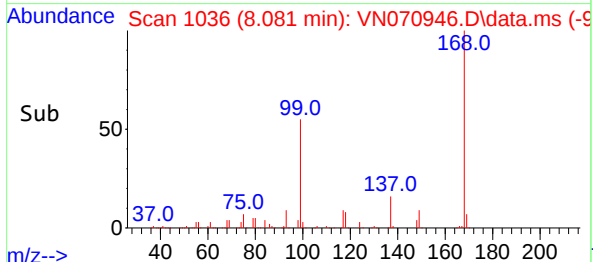
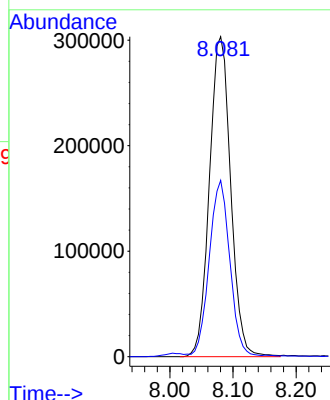
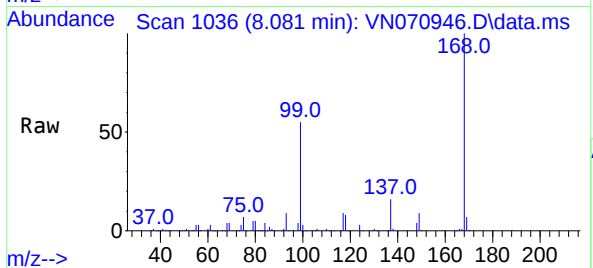




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

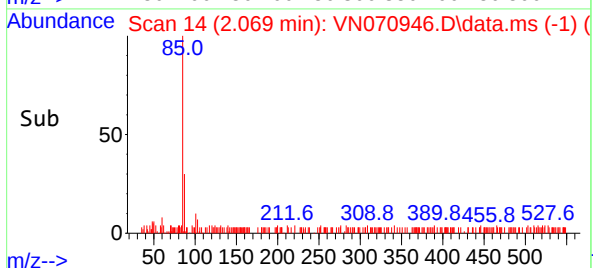
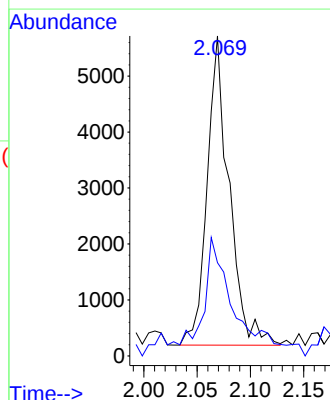
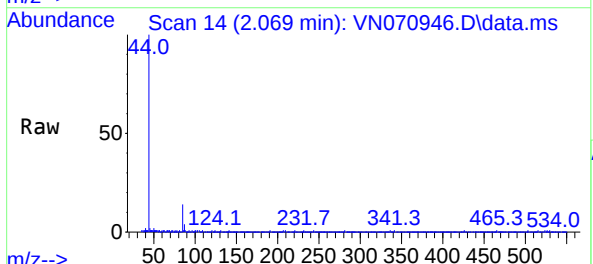
Instrument :  
MSVOA\_N  
ClientSampleId :

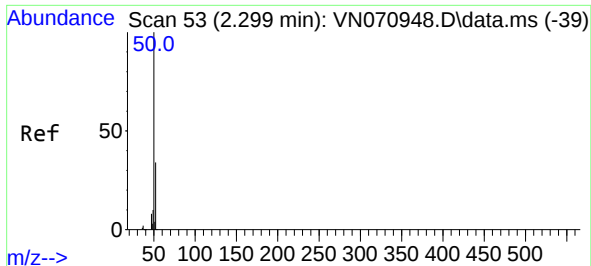
Tgt Ion:168 Resp: 708456  
Ion Ratio Lower Upper  
168 100  
99 54.9 41.3 61.9



#2  
Dichlorodifluoromethane  
Concen: 1.081 ug/l  
RT: 2.069 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

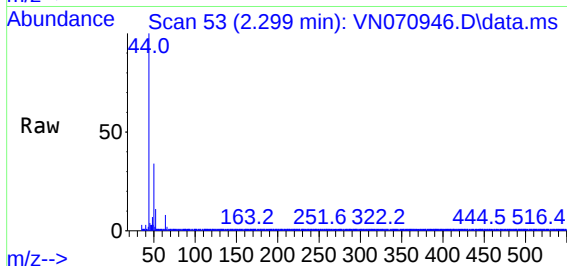
Tgt Ion: 85 Resp: 7953  
Ion Ratio Lower Upper  
85 100  
87 22.8 16.3 48.9



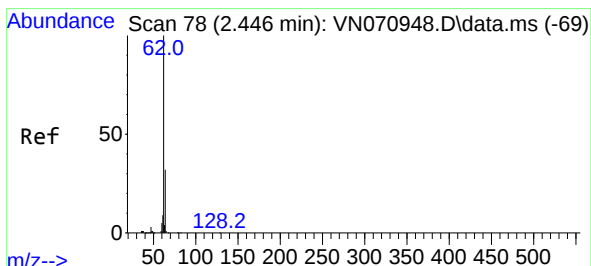
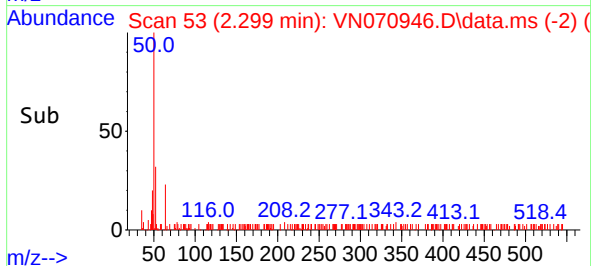
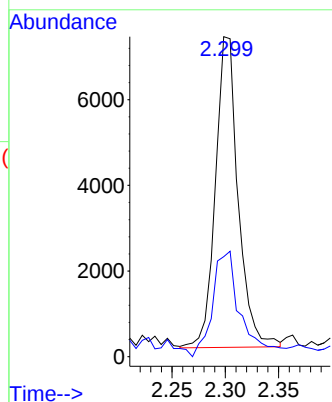


#3  
Chloromethane  
Concen: 1.166 ug/l  
RT: 2.299 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Instrument :  
MSVOA\_N  
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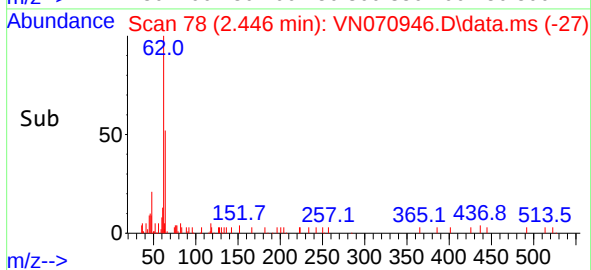
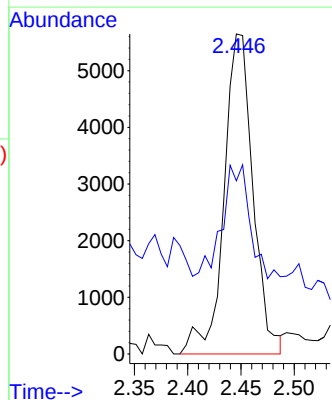
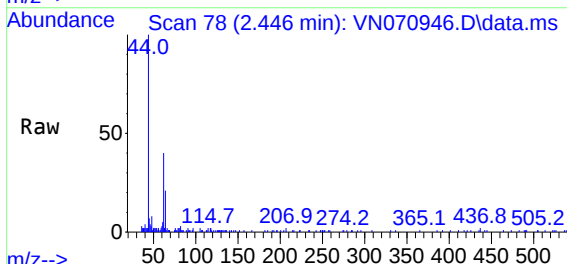


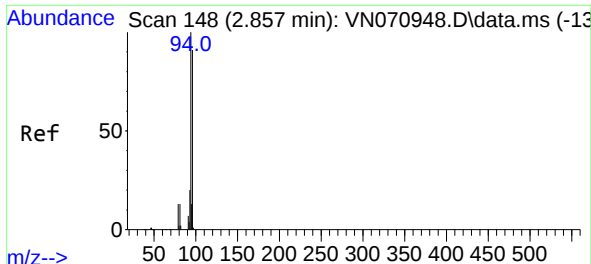
Tgt Ion: 50 Resp: 10781  
Ion Ratio Lower Upper  
50 100  
52 29.5 25.4 38.0



#4  
Vinyl Chloride  
Concen: 1.158 ug/l  
RT: 2.446 min Scan# 78  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Tgt Ion: 62 Resp: 10725  
Ion Ratio Lower Upper  
62 100  
64 30.0 25.8 38.6

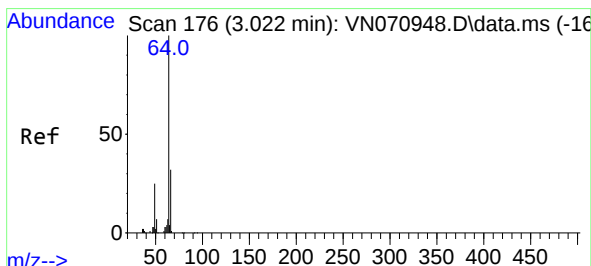
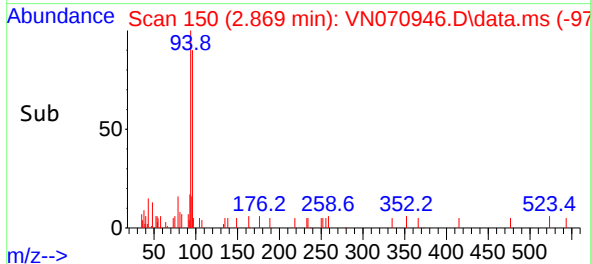
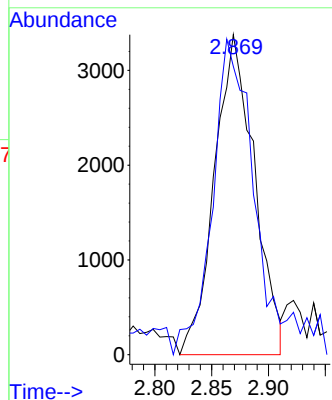
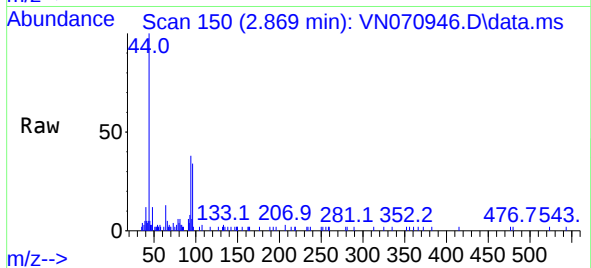




#5  
Bromomethane  
Concen: 1.567 ug/l  
RT: 2.869 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

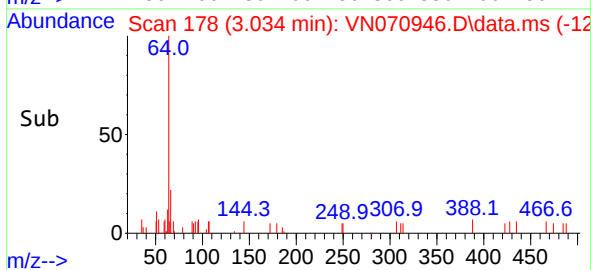
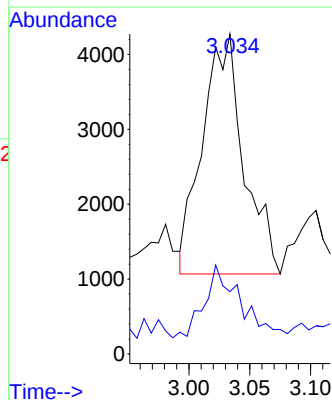
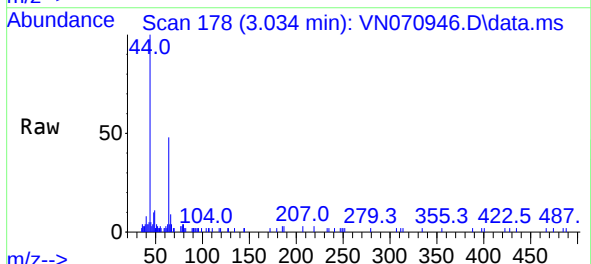
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ClientSampleId :

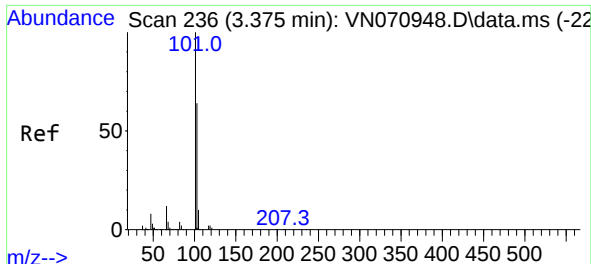
Tgt Ion: 94 Resp: 8240  
Ion Ratio Lower Upper  
94 100  
96 82.2 73.8 110.8



#6  
Chloroethane  
Concen: 1.247 ug/l  
RT: 3.034 min Scan# 178  
Delta R.T. 0.012 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Tgt Ion: 64 Resp: 7576  
Ion Ratio Lower Upper  
64 100  
66 16.9 26.3 39.5#

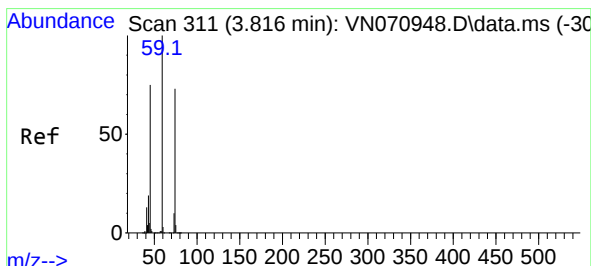
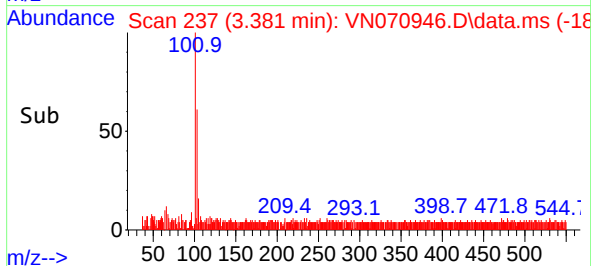
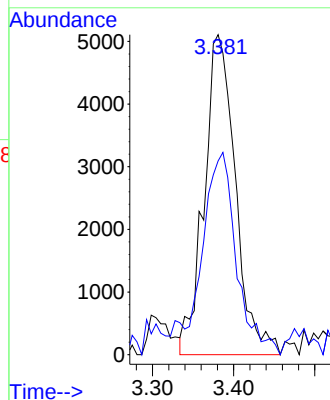
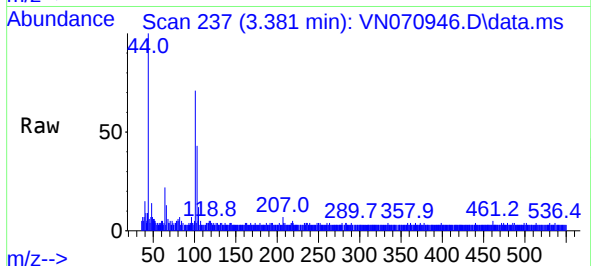




#7  
Trichlorofluoromethane  
Concen: 1.181 ug/l  
RT: 3.381 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

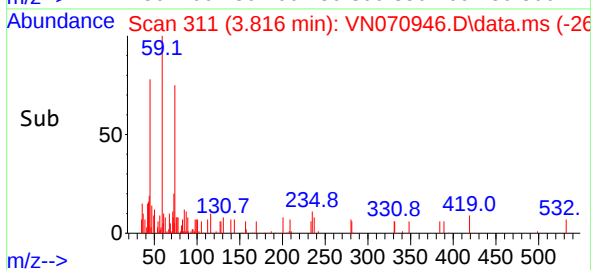
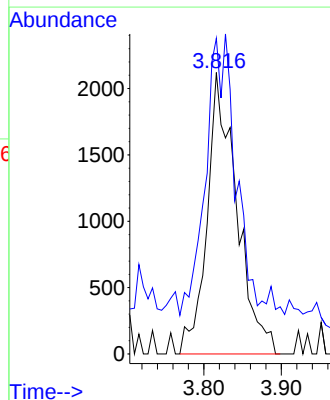
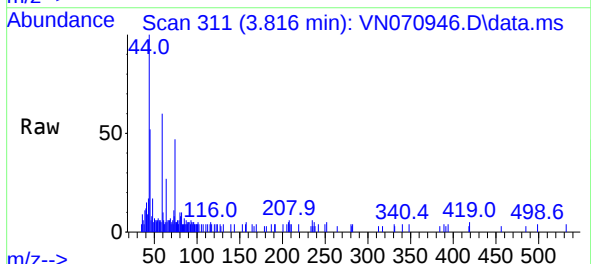
Instrument :  
MSVOA\_N  
ClientSampleId :

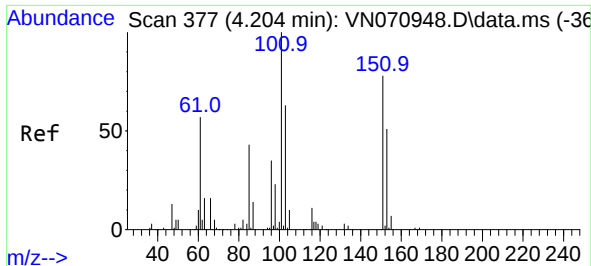
Tgt Ion:101 Resp: 13698  
Ion Ratio Lower Upper  
101 100  
103 60.6 50.1 75.1



#8  
Diethyl Ether  
Concen: 1.115 ug/l  
RT: 3.816 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Tgt Ion: 74 Resp: 5625  
Ion Ratio Lower Upper  
74 100  
45 100.5 47.0 141.2

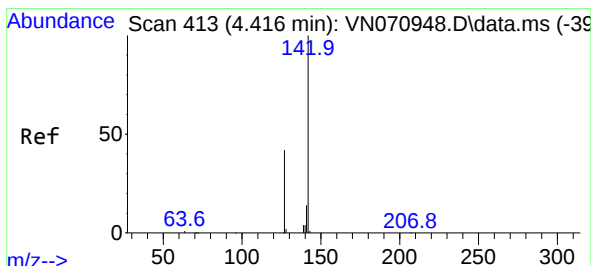
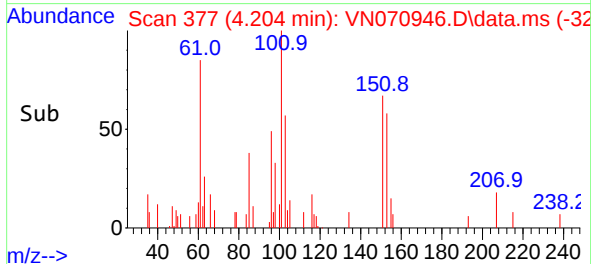
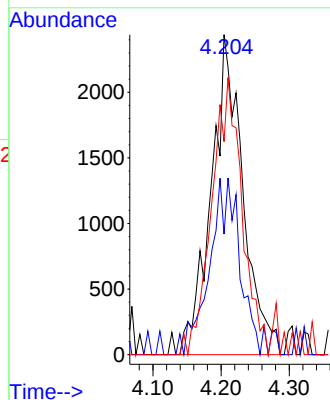
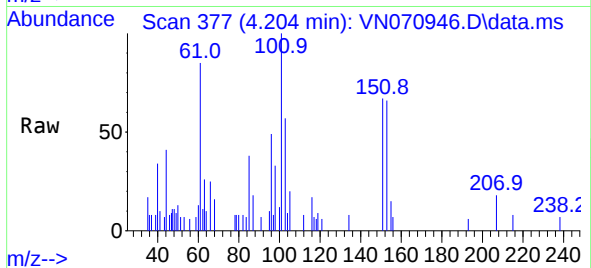




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 1.111 ug/l  
RT: 4.204 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

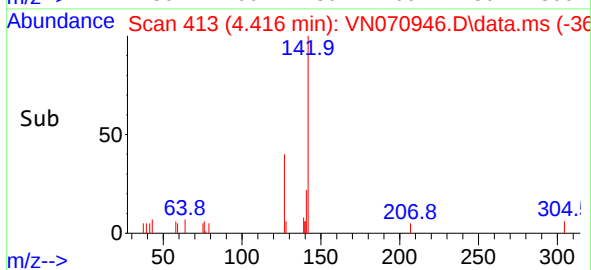
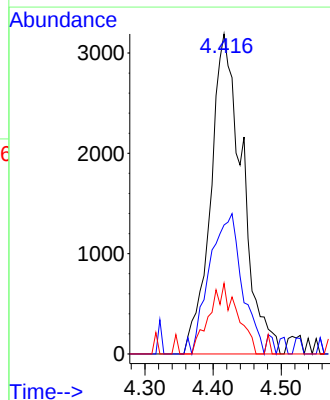
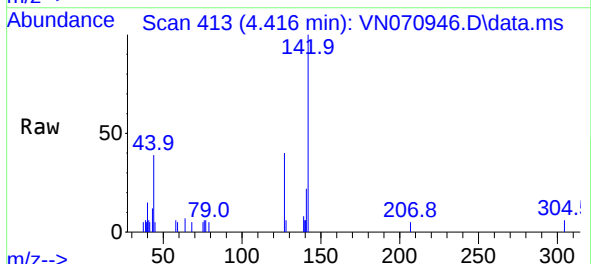
Instrument :  
MSVOA\_N  
ClientSampleId :

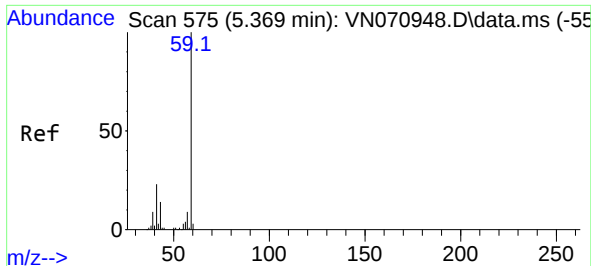
Tgt Ion:101 Resp: 7909  
Ion Ratio Lower Upper  
101 100  
85 27.8 37.2 55.8#  
151 82.3 65.9 98.9



#10  
Methyl Iodide  
Concen: 1.049 ug/l  
RT: 4.416 min Scan# 413  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

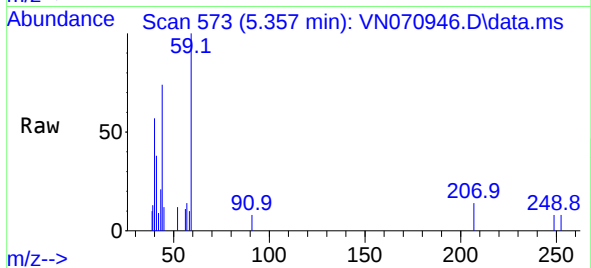
Tgt Ion:142 Resp: 10343  
Ion Ratio Lower Upper  
142 100  
127 45.2 35.4 53.0  
141 19.4 11.6 17.4#



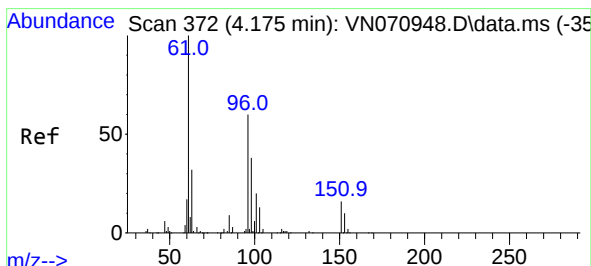
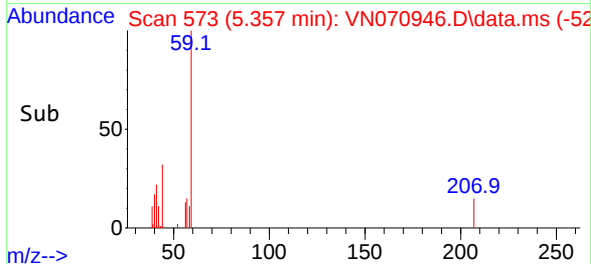
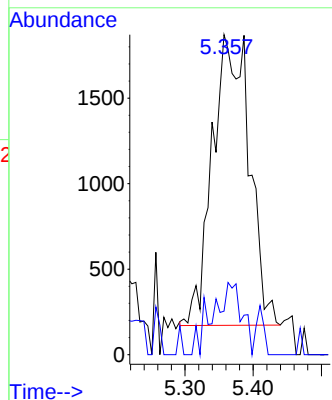


#11  
Tert butyl alcohol  
Concen: 4.339 ug/l  
RT: 5.357 min Scan# 51  
Delta R.T. -0.012 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :

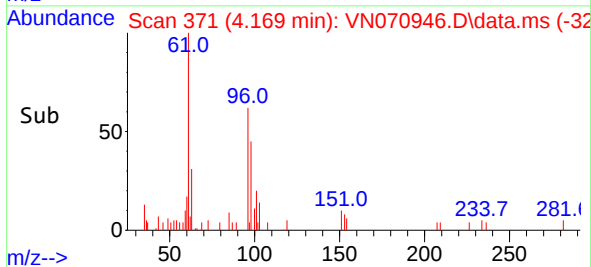
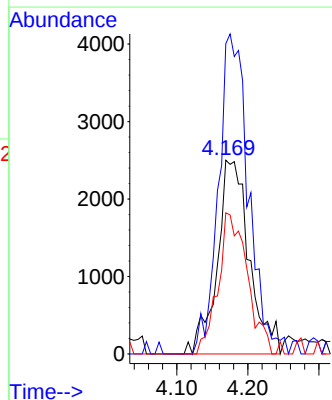
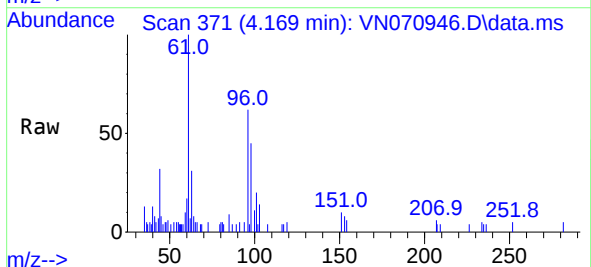


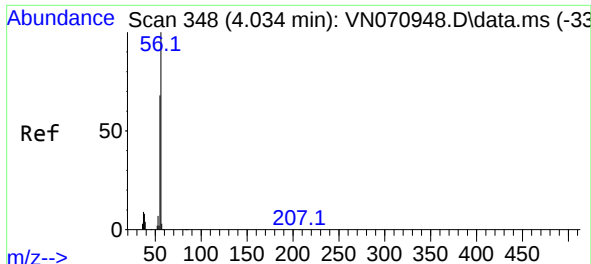
Tgt Ion: 59 Resp: 6399  
Ion Ratio Lower Upper  
59 100  
57 19.7 8.7 13.1#



#12  
1,1-Dichloroethene  
Concen: 1.131 ug/l  
RT: 4.169 min Scan# 371  
Delta R.T. -0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

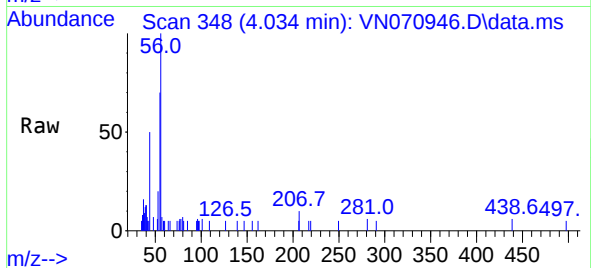
Tgt Ion: 96 Resp: 7844  
Ion Ratio Lower Upper  
96 100  
61 160.1 131.0 196.6  
98 72.8 52.4 78.6



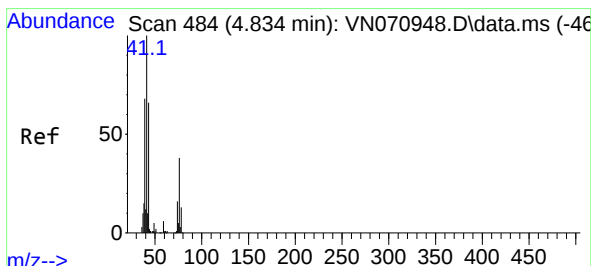
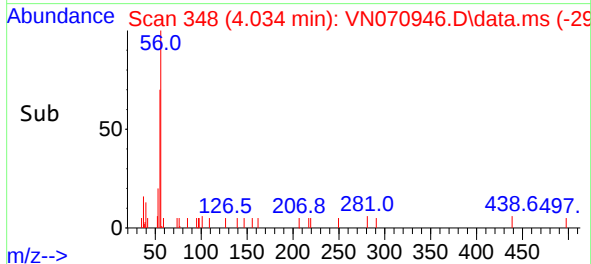
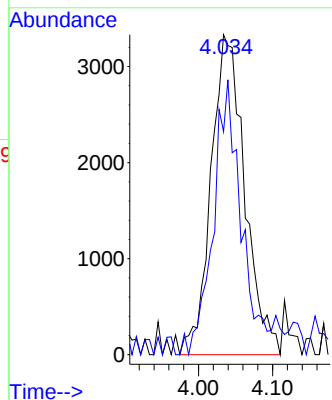


#13  
Acrolein  
Concen: 7.992 ug/l  
RT: 4.034 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :

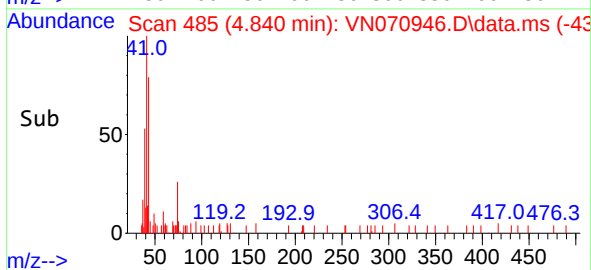
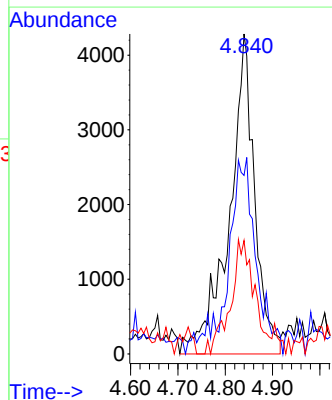
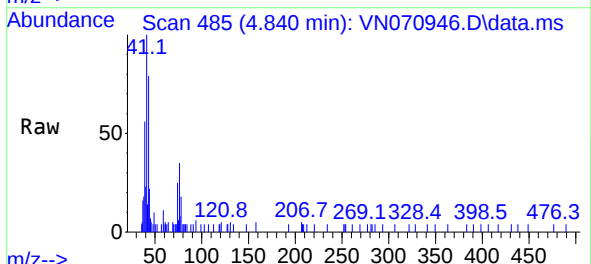


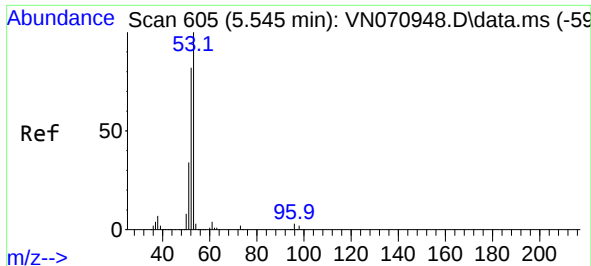
Tgt Ion: 56 Resp: 10533  
Ion Ratio Lower Upper  
56 100  
55 70.3 56.6 85.0



#14  
Allyl chloride  
Concen: 1.206 ug/l  
RT: 4.840 min Scan# 485  
Delta R.T. 0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

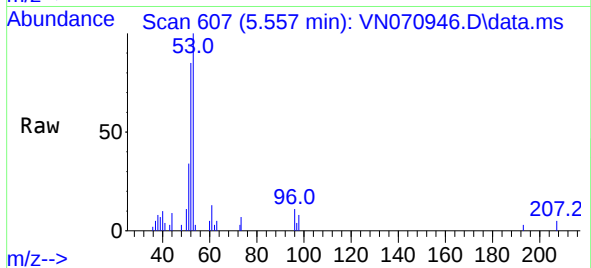
Tgt Ion: 41 Resp: 15946  
Ion Ratio Lower Upper  
41 100  
39 60.1 61.2 91.8#  
76 33.7 26.0 39.0



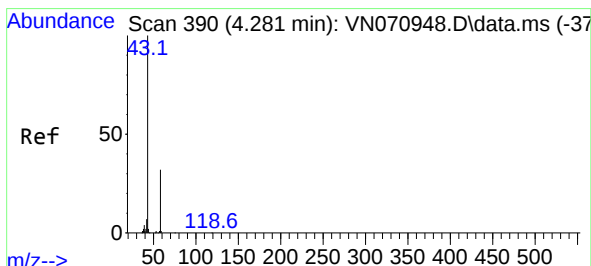
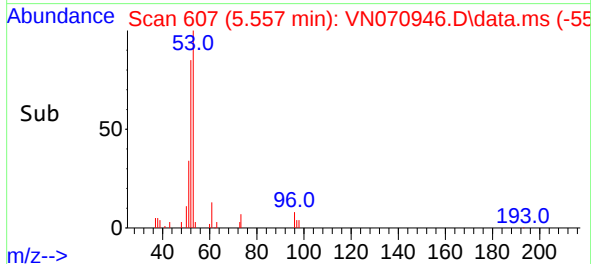
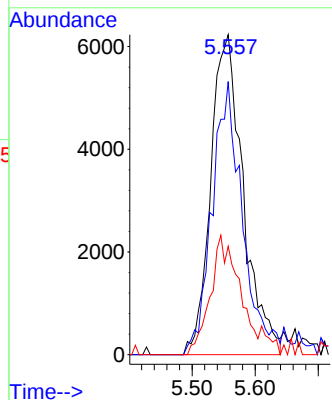


#15  
Acrylonitrile  
Concen: 5.115 ug/l  
RT: 5.557 min Scan# 605  
Delta R.T. 0.012 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :

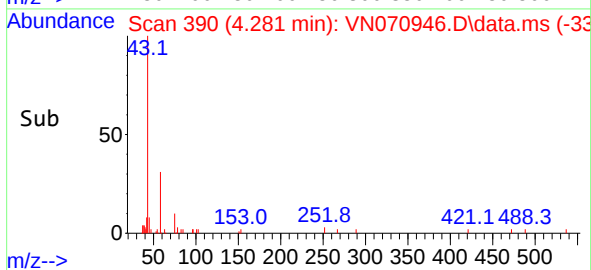
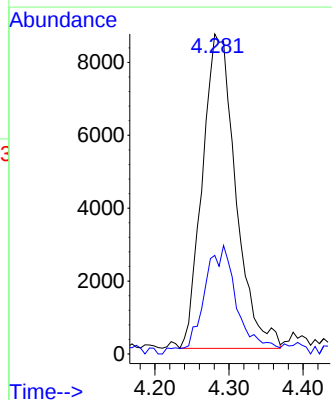
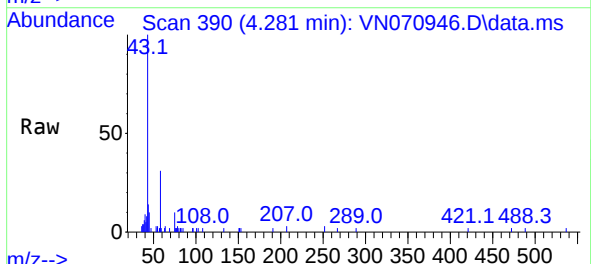


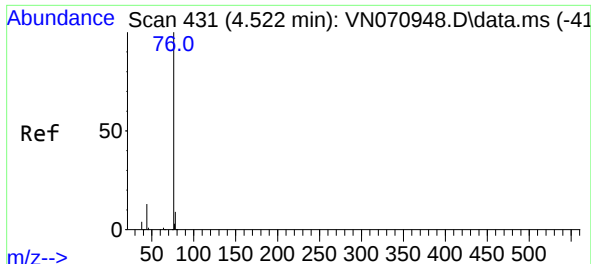
Tgt Ion: 53 Resp: 22221  
Ion Ratio Lower Upper  
53 100  
52 79.7 66.2 99.2  
51 33.1 29.6 44.4



#16  
Acetone  
Concen: 6.031 ug/l  
RT: 4.281 min Scan# 390  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

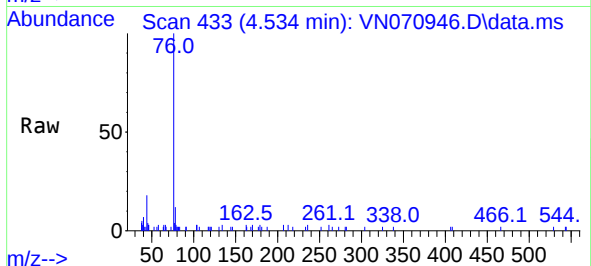
Tgt Ion: 43 Resp: 26880  
Ion Ratio Lower Upper  
43 100  
58 29.6 23.1 34.7



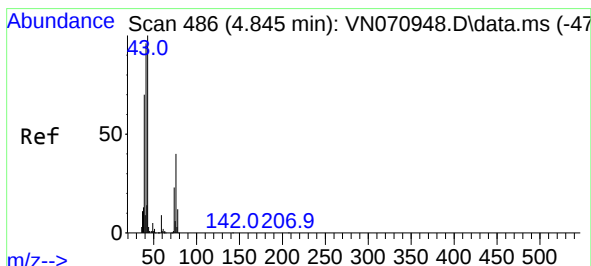
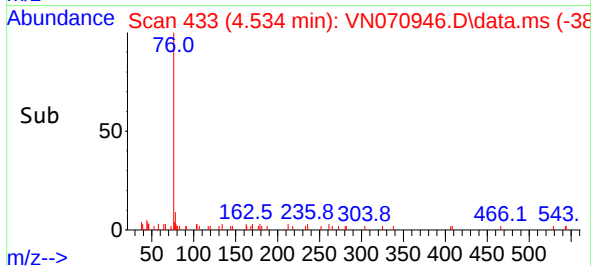
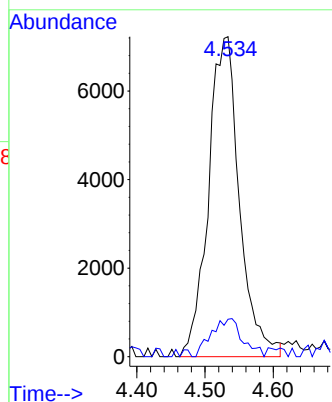


#17  
Carbon Disulfide  
Concen: 1.151 ug/l  
RT: 4.534 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :

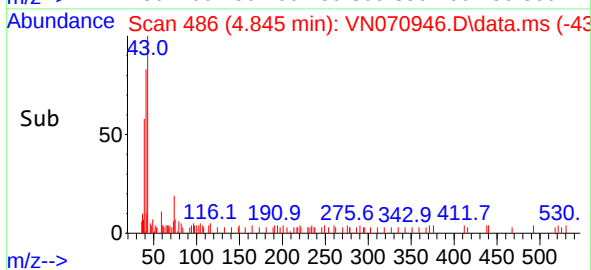
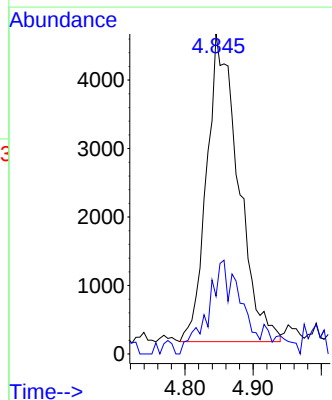
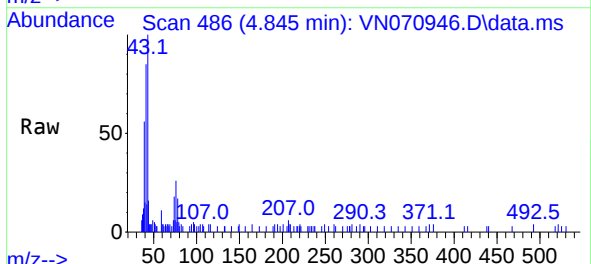


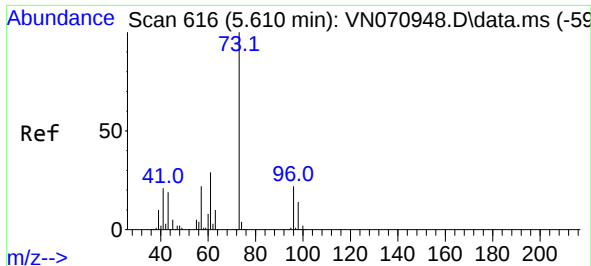
Tgt Ion: 76 Resp: 22896  
Ion Ratio Lower Upper  
76 100  
78 11.7 7.5 11.3#



#18  
Methyl Acetate  
Concen: 0.897 ug/l  
RT: 4.845 min Scan# 486  
Delta R.T. 0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Tgt Ion: 43 Resp: 14529  
Ion Ratio Lower Upper  
43 100  
74 18.8 19.4 29.2#

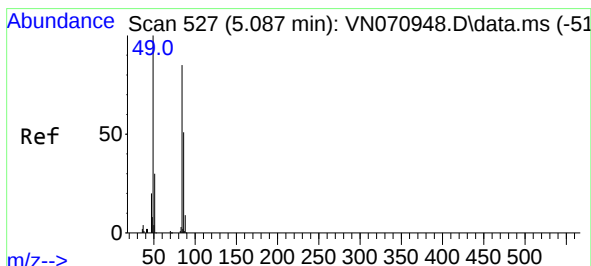
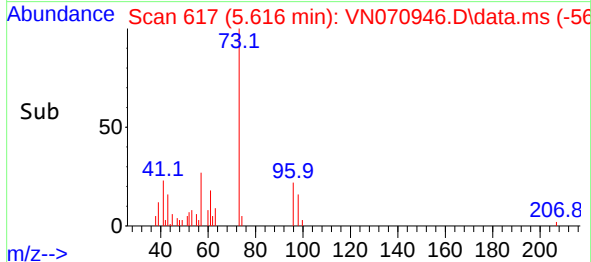
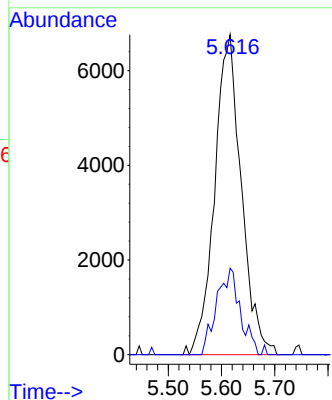
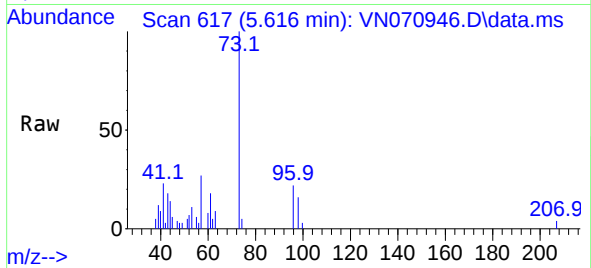




#19  
Methyl tert-butyl Ether  
Concen: 0.968 ug/l  
RT: 5.616 min Scan# 616  
Delta R.T. 0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

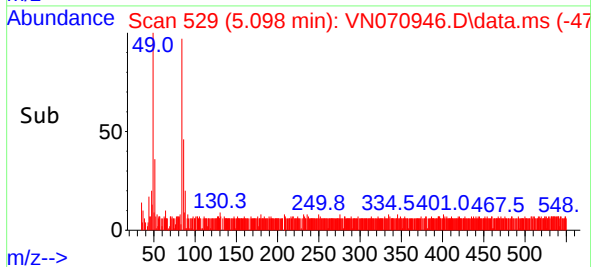
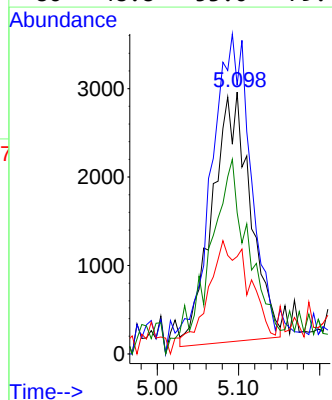
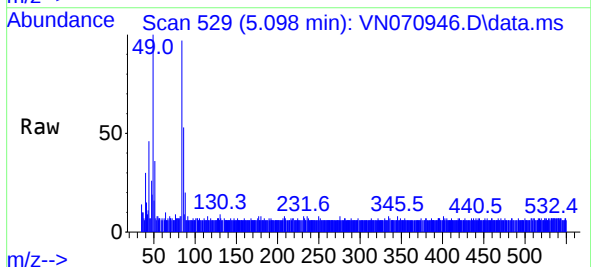
Instrument :  
MSVOA\_N  
ClientSampleId :

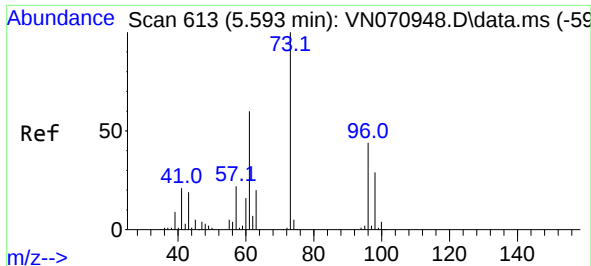
Tgt Ion: 73 Resp: 23549  
Ion Ratio Lower Upper  
73 100  
57 27.0 16.8 25.2#



#20  
Methylene Chloride  
Concen: 1.135 ug/l  
RT: 5.098 min Scan# 529  
Delta R.T. 0.012 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Tgt Ion: 84 Resp: 9196  
Ion Ratio Lower Upper  
84 100  
49 99.0 93.5 140.3  
51 33.3 29.4 44.2  
86 48.8 53.0 79.4#

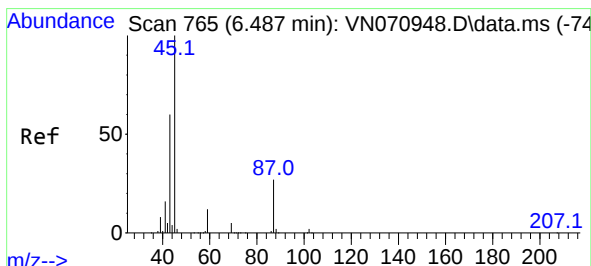
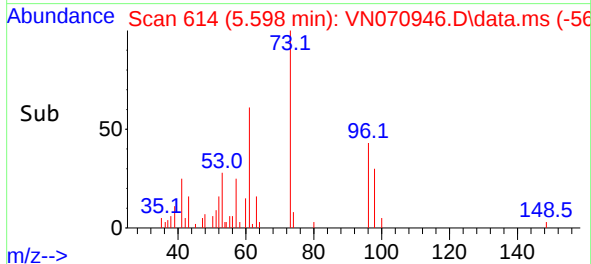
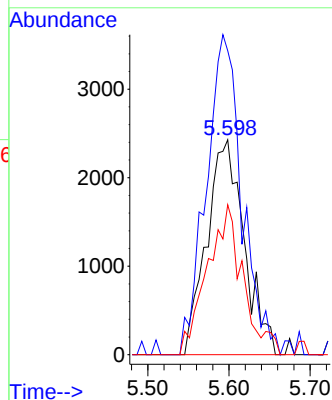
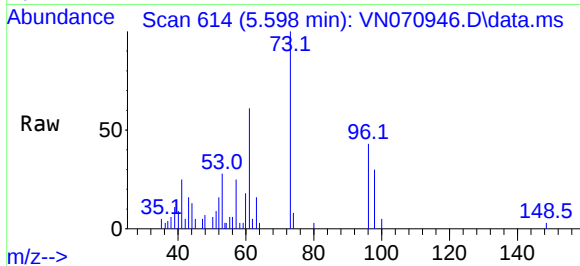




#21  
trans-1,2-Dichloroethene  
Concen: 1.046 ug/l  
RT: 5.598 min Scan# 613  
Delta R.T. 0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

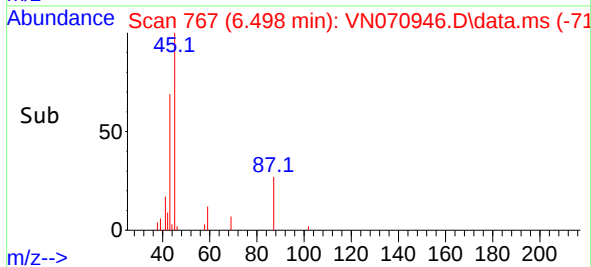
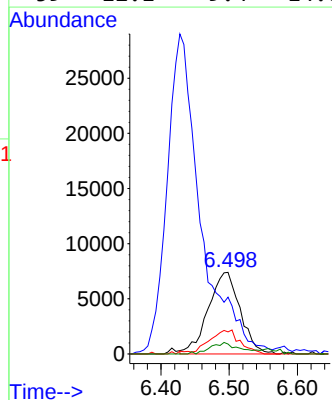
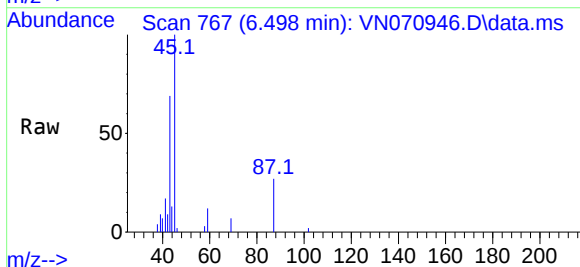
Instrument :  
MSVOA\_N  
ClientSampleId :

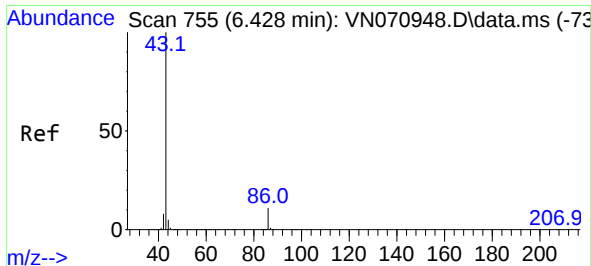
Tgt Ion: 96 Resp: 7786  
Ion Ratio Lower Upper  
96 100  
61 141.5 105.8 158.6  
98 69.7 52.0 78.0



#22  
Diisopropyl ether  
Concen: 0.948 ug/l  
RT: 6.498 min Scan# 767  
Delta R.T. 0.012 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

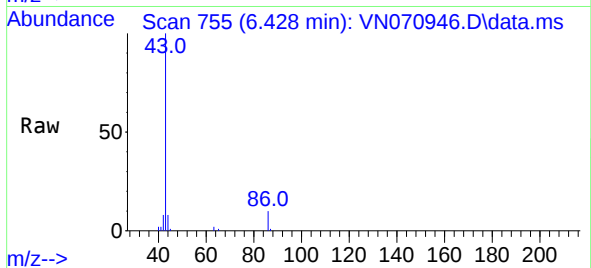
Tgt Ion: 45 Resp: 24039  
Ion Ratio Lower Upper  
45 100  
43 61.4 51.7 77.5  
87 27.0 23.2 34.8  
59 12.1 9.4 14.0



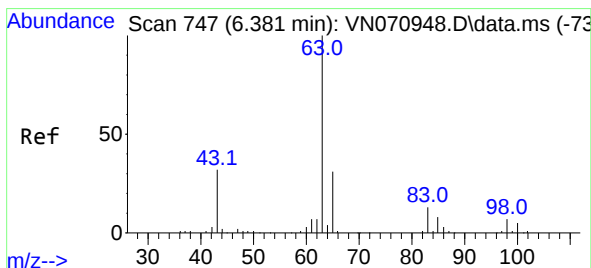
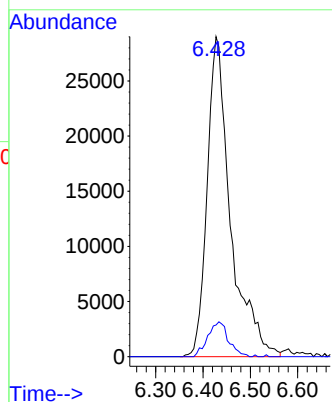


#23  
 Vinyl Acetate  
 Concen: 4.628 ug/l  
 RT: 6.428 min Scan# 755  
 Delta R.T. -0.000 min  
 Lab File: VN070946.D  
 Acq: 15 Feb 2022 12:22

Instrument :  
 MSVOA\_N  
 ClientSampleId :

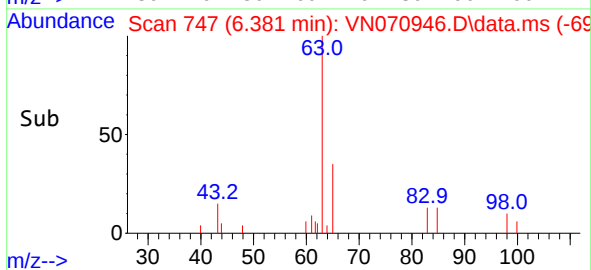
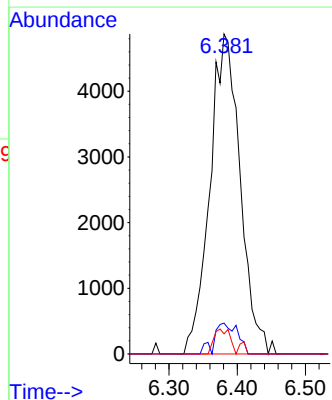
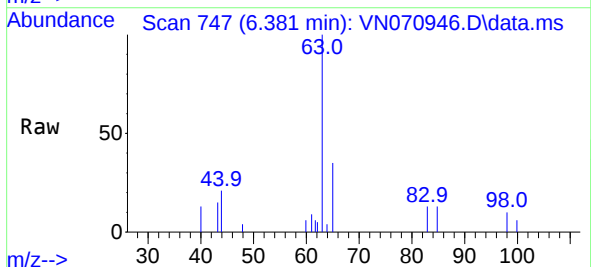


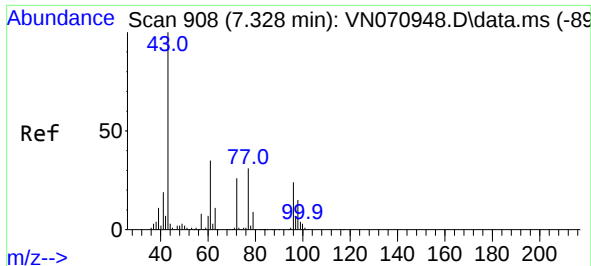
Tgt Ion: 43 Resp: 99400  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 1.061 ug/l  
 RT: 6.381 min Scan# 747  
 Delta R.T. -0.000 min  
 Lab File: VN070946.D  
 Acq: 15 Feb 2022 12:22

Tgt Ion: 63 Resp: 15085  
 Ion Ratio Lower Upper  
 63 100  
 98 9.7 3.3 9.9  
 100 6.3 2.1 6.5

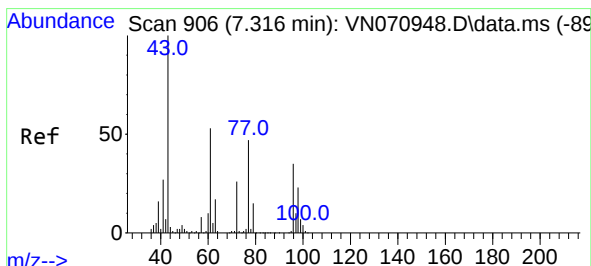
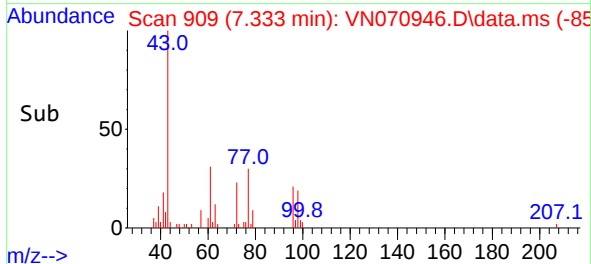
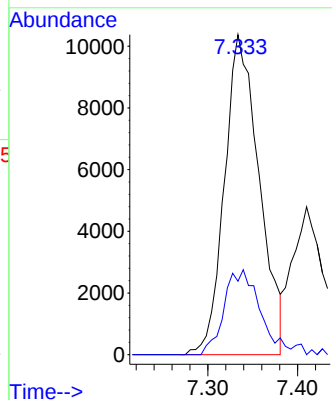
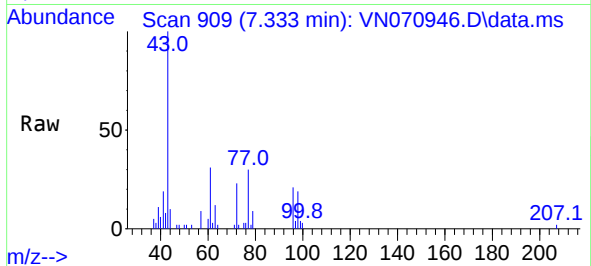




#25  
2-Butanone  
Concen: 4.714 ug/l  
RT: 7.333 min Scan# 909  
Delta R.T. 0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

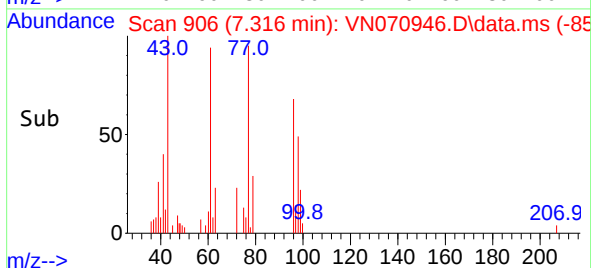
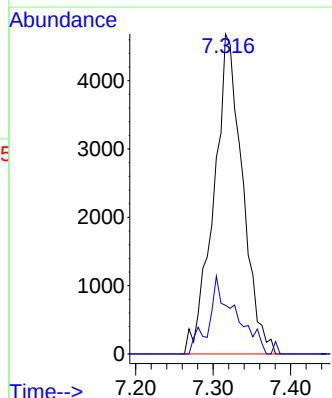
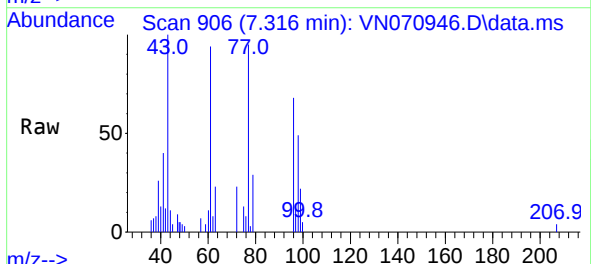
Instrument :  
MSVOA\_N  
ClientSampleId :

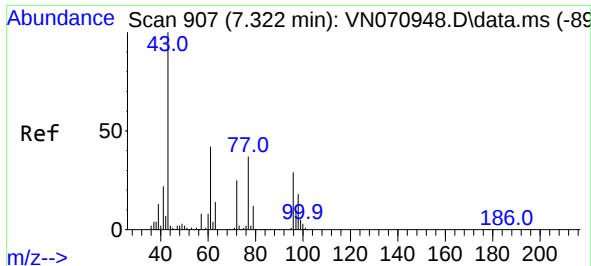
Tgt Ion: 43 Resp: 27952  
Ion Ratio Lower Upper  
43 100  
72 22.9 21.7 32.5



#26  
2,2-Dichloropropane  
Concen: 1.016 ug/l  
RT: 7.316 min Scan# 906  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

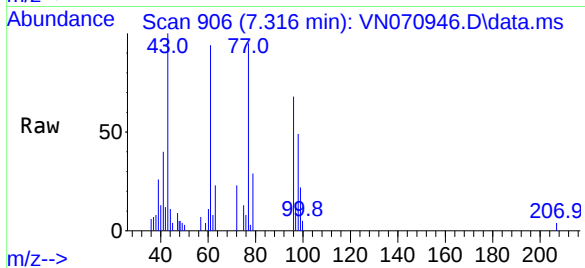
Tgt Ion: 77 Resp: 12012  
Ion Ratio Lower Upper  
77 100  
97 22.8 11.6 34.8



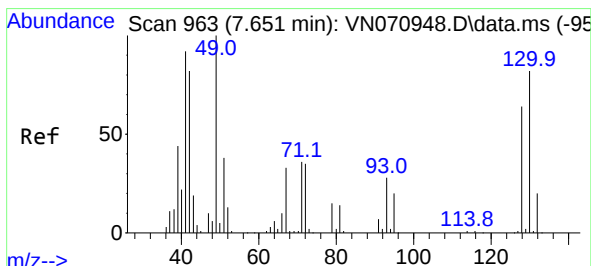
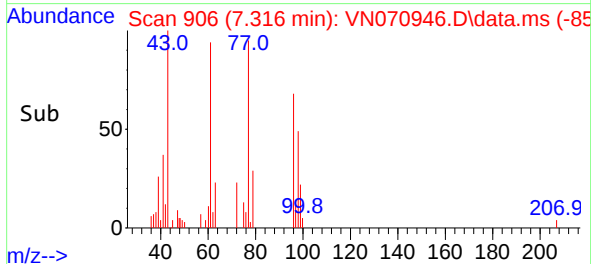
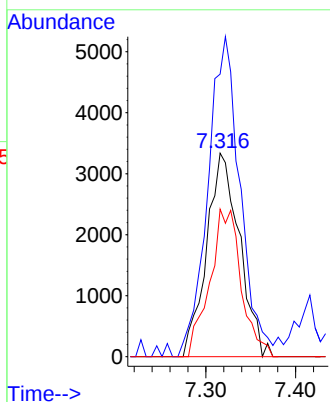


#27  
 cis-1,2-Dichloroethene  
 Concen: 0.994 ug/l  
 RT: 7.316 min Scan# 907  
 Delta R.T. -0.006 min  
 Lab File: VN070946.D  
 Acq: 15 Feb 2022 12:22

Instrument :  
 MSVOA\_N  
 ClientSampleId :

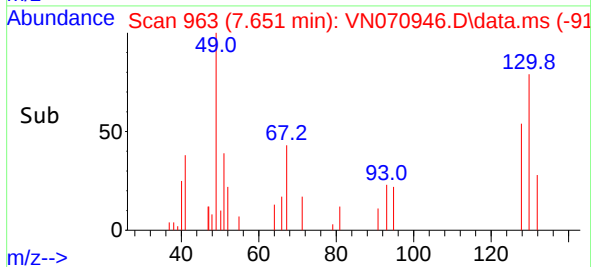
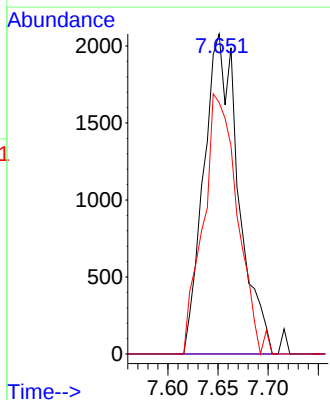
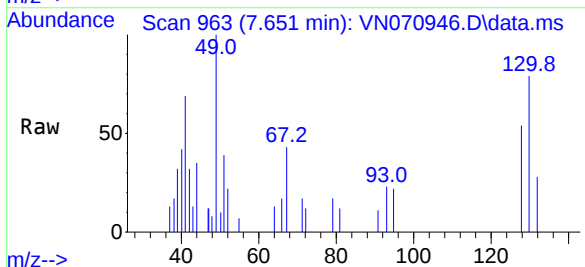


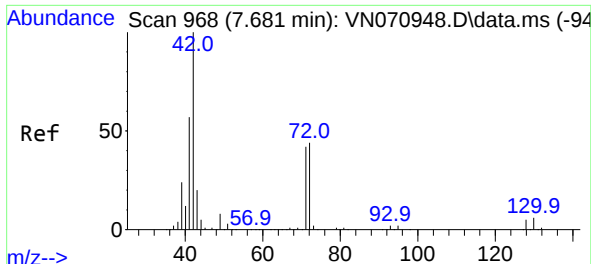
Tgt Ion: 96 Resp: 8505  
 Ion Ratio Lower Upper  
 96 100  
 61 154.0 0.0 275.0  
 98 69.0 0.0 129.6



#28  
 Bromochloromethane  
 Concen: 0.870 ug/l  
 RT: 7.651 min Scan# 963  
 Delta R.T. -0.000 min  
 Lab File: VN070946.D  
 Acq: 15 Feb 2022 12:22

Tgt Ion: 49 Resp: 5008  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 4.0  
 130 80.1 67.8 101.8





#29

Tetrahydrofuran

Concen: 4.840 ug/l

RT: 7.686 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN070946.D

Acq: 15 Feb 2022 12:22

Instrument :

MSVOA\_N

ClientSampleId :

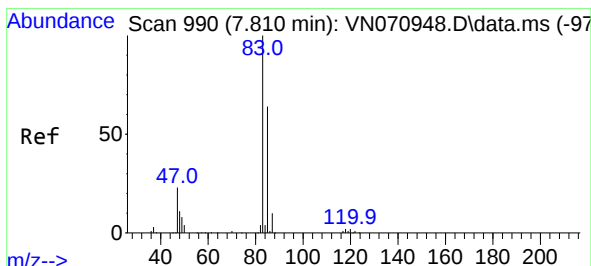
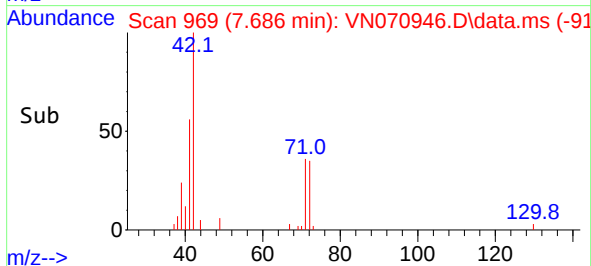
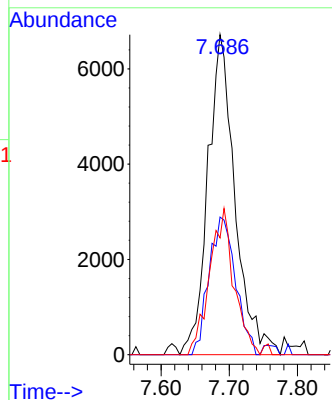
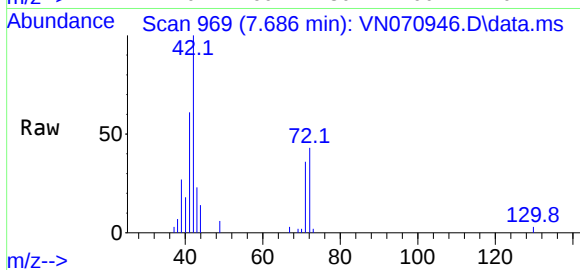
Tgt Ion: 42 Resp: 18590

Ion Ratio Lower Upper

42 100

72 42.2 36.3 54.5

71 41.2 34.7 52.1



#30

Chloroform

Concen: 1.054 ug/l

RT: 7.810 min Scan# 990

Delta R.T. -0.000 min

Lab File: VN070946.D

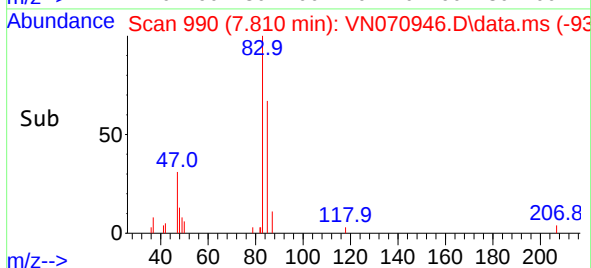
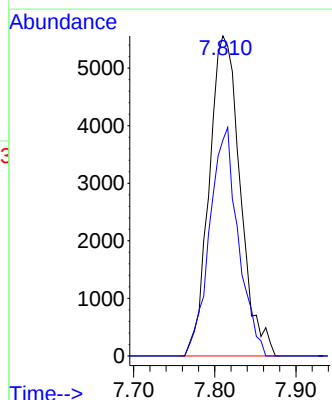
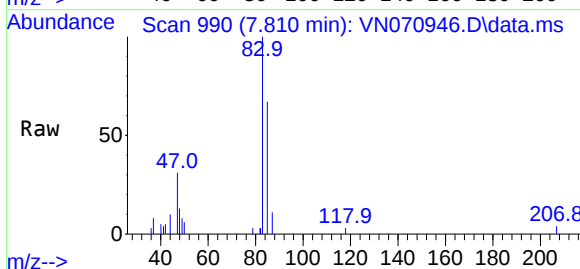
Acq: 15 Feb 2022 12:22

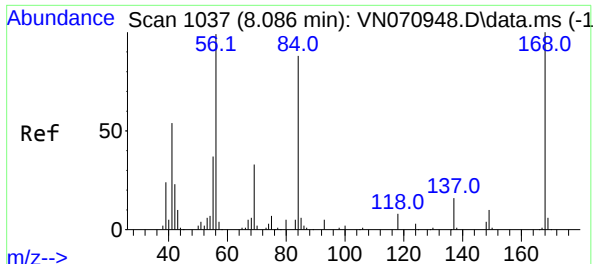
Tgt Ion: 83 Resp: 14739

Ion Ratio Lower Upper

83 100

85 67.4 51.9 77.9





#31

Cyclohexane

Concen: 1.965 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.000 min

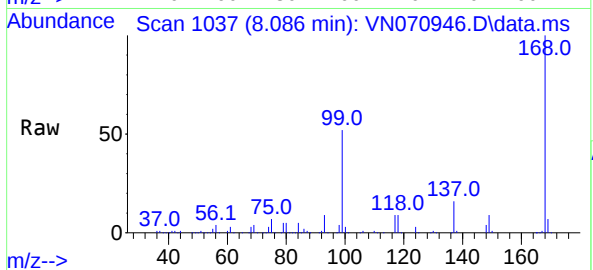
Lab File: VN070946.D

Acq: 15 Feb 2022 12:22

Instrument :

MSVOA\_N

ClientSampleId :



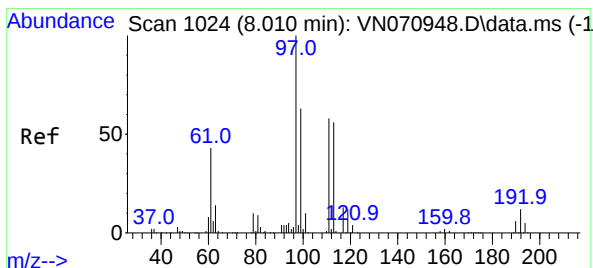
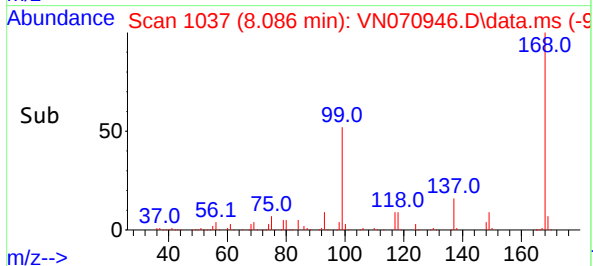
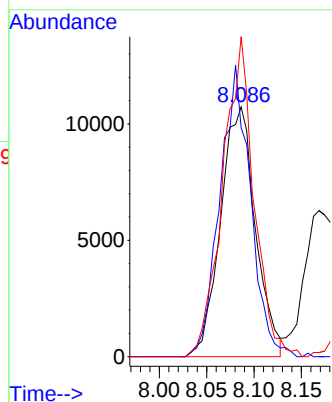
Tgt Ion: 56 Resp: 27504

Ion Ratio Lower Upper

56 100

69 91.6 27.1 40.7#

84 128.1 73.4 110.0#



#32

1,1,1-Trichloroethane

Concen: 0.968 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VN070946.D

Acq: 15 Feb 2022 12:22

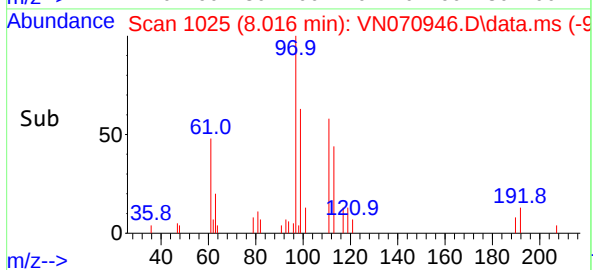
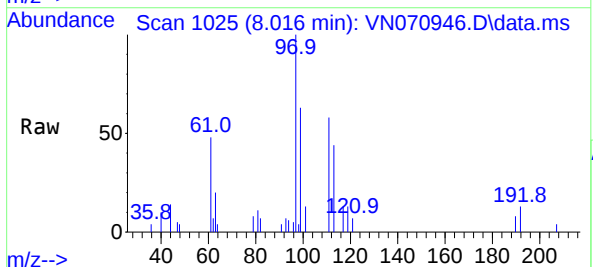
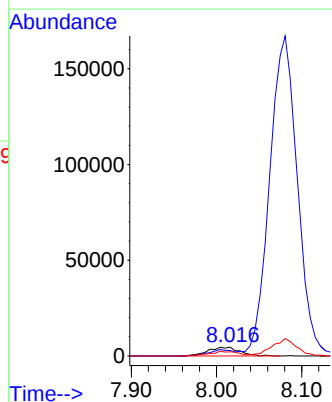
Tgt Ion: 97 Resp: 11689

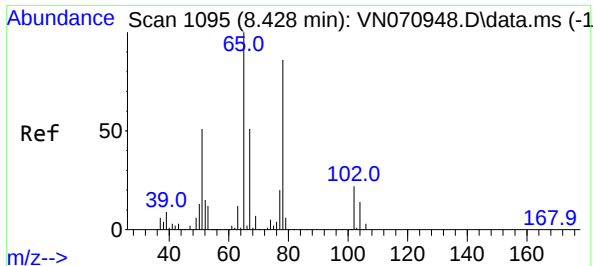
Ion Ratio Lower Upper

97 100

99 0.0 50.1 75.1#

61 49.7 35.2 52.8

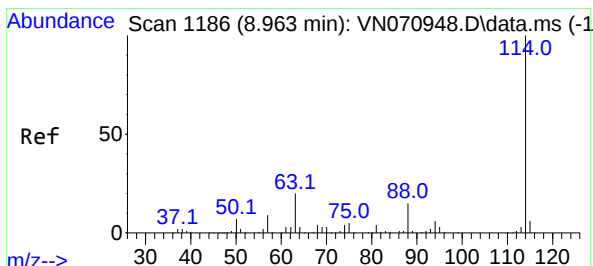
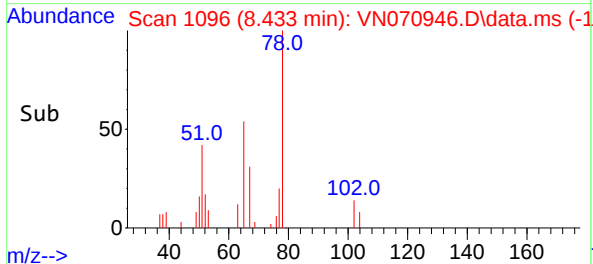
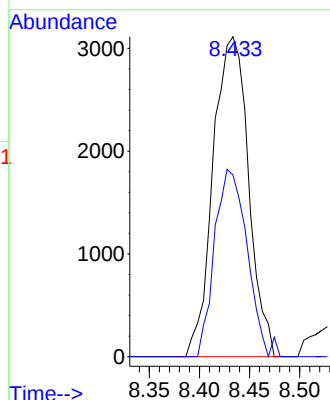
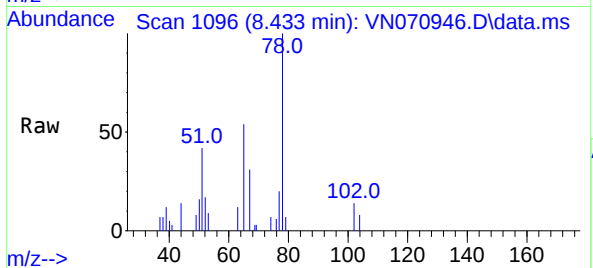




#33  
1,2-Dichloroethane-d4  
Concen: 0.947 ug/l  
RT: 8.433 min Scan# 1095  
Delta R.T. 0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

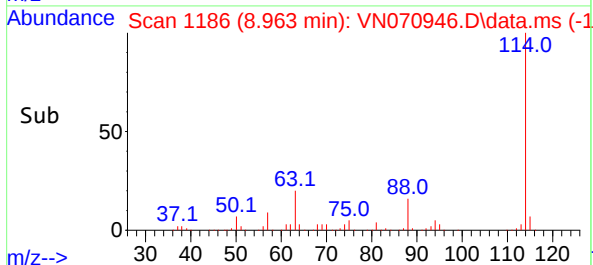
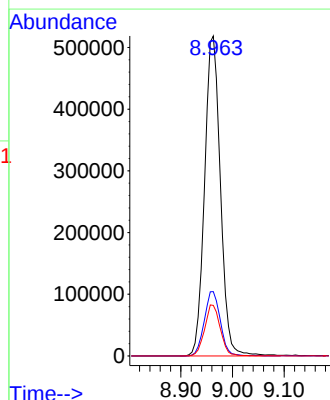
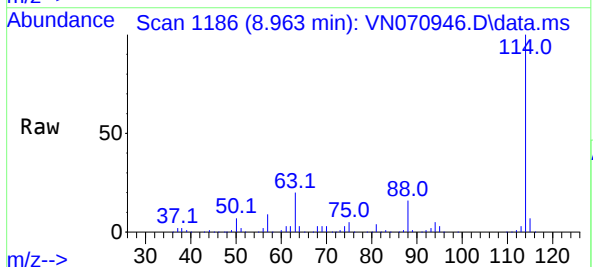
Instrument :  
MSVOA\_N  
ClientSampleId :

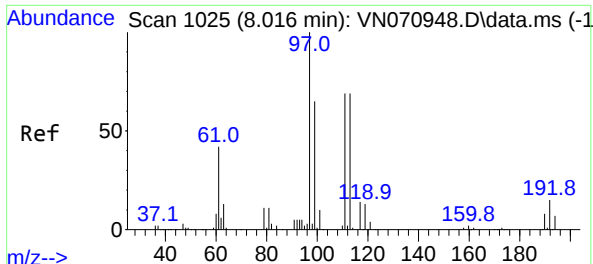
Tgt Ion: 65 Resp: 7661  
Ion Ratio Lower Upper  
65 100  
67 53.9 0.0 103.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

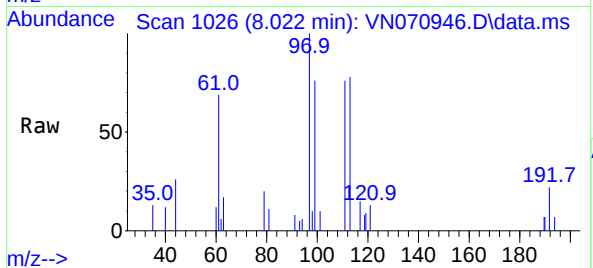
Tgt Ion:114 Resp: 1102798  
Ion Ratio Lower Upper  
114 100  
63 20.1 0.0 37.8  
88 15.8 0.0 27.4



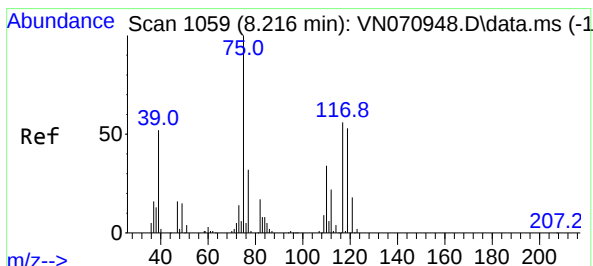
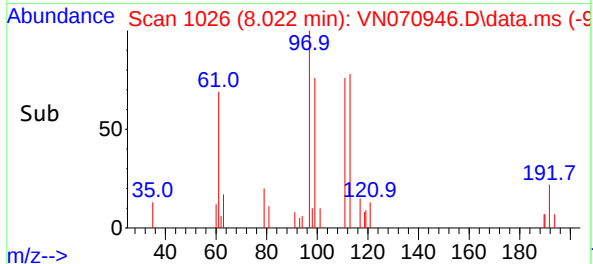
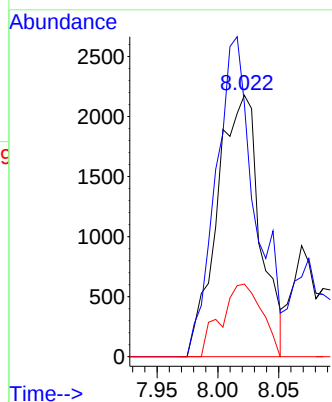


#35  
Dibromofluoromethane  
Concen: 0.816 ug/l  
RT: 8.022 min Scan# 1060  
Delta R.T. 0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :

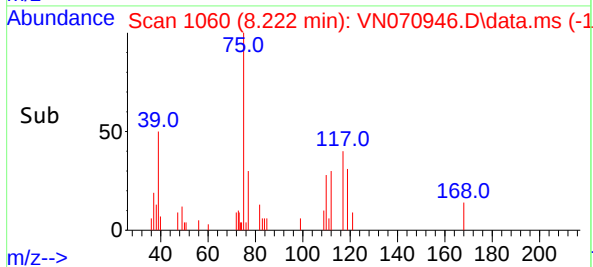
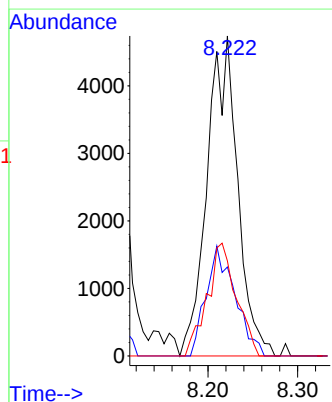
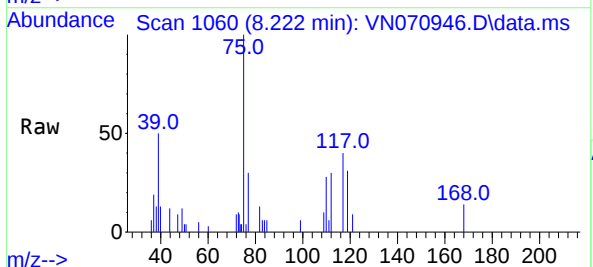


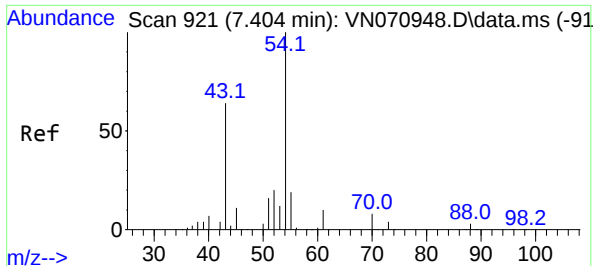
Tgt Ion:113 Resp: 5355  
Ion Ratio Lower Upper  
113 100  
111 114.2 82.2 123.2  
192 26.3 16.9 25.3#



#36  
1,1-Dichloropropene  
Concen: 1.040 ug/l  
RT: 8.222 min Scan# 1060  
Delta R.T. 0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Tgt Ion: 75 Resp: 11177  
Ion Ratio Lower Upper  
75 100  
110 32.7 18.4 55.2  
77 33.7 24.4 36.6





#37

Ethyl Acetate

Concen: 0.918 ug/l

RT: 7.410 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN070946.D

Acq: 15 Feb 2022 12:22

Instrument :

MSVOA\_N

ClientSampleId :

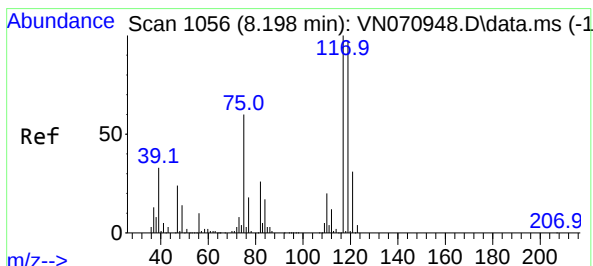
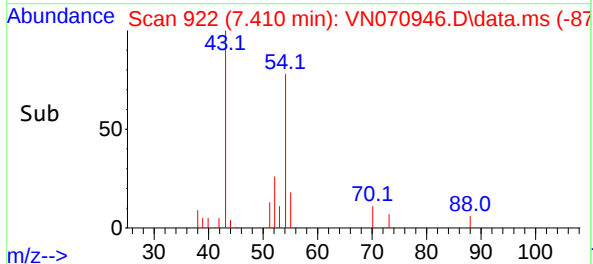
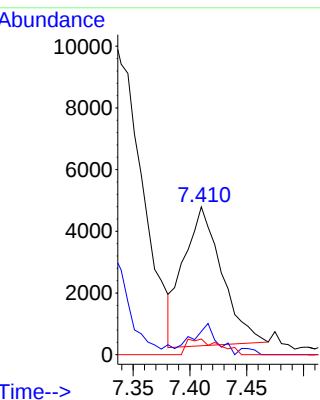
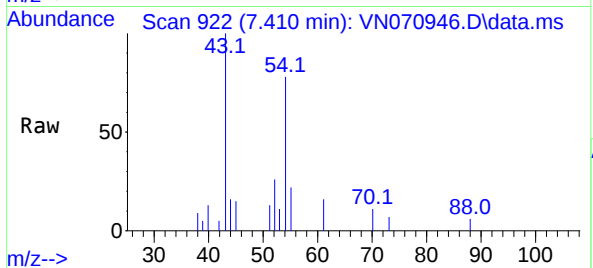
Tgt Ion: 43 Resp: 10585

Ion Ratio Lower Upper

43 100

61 14.2 11.5 17.3

70 9.5 7.9 11.9



#38

Carbon Tetrachloride

Concen: 0.999 ug/l

RT: 8.198 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN070946.D

Acq: 15 Feb 2022 12:22

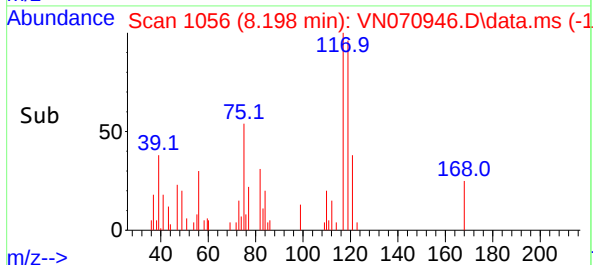
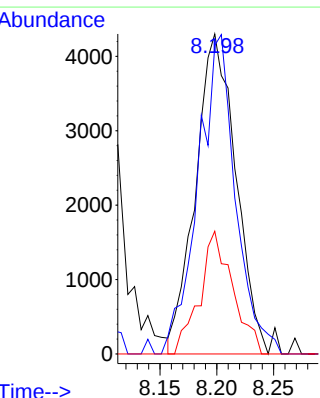
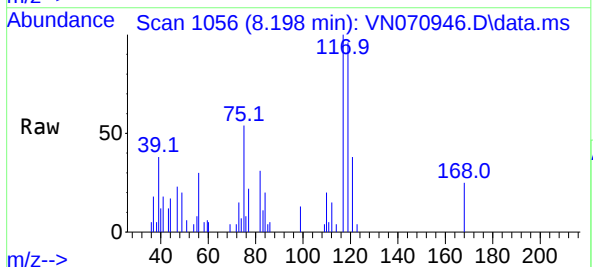
Tgt Ion: 117 Resp: 10582

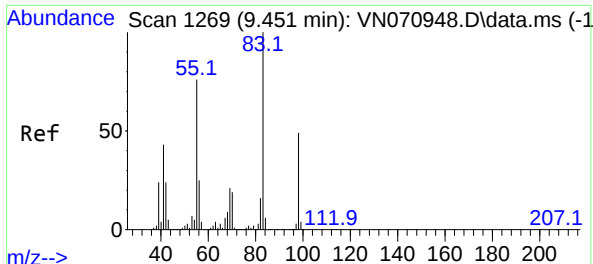
Ion Ratio Lower Upper

117 100

119 91.0 76.1 114.1

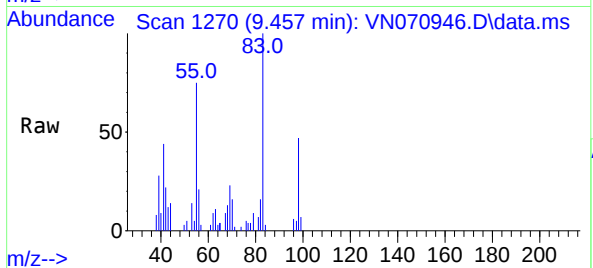
121 38.4 24.2 36.2#



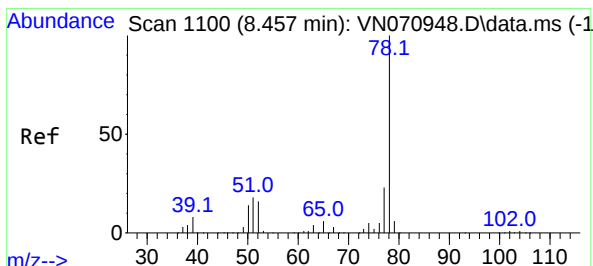
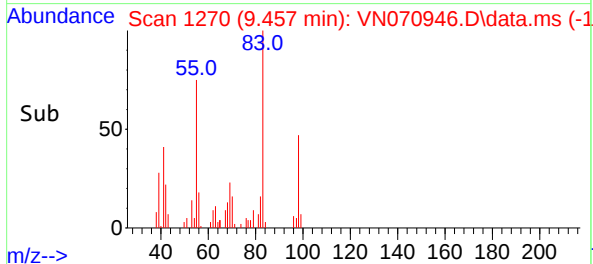
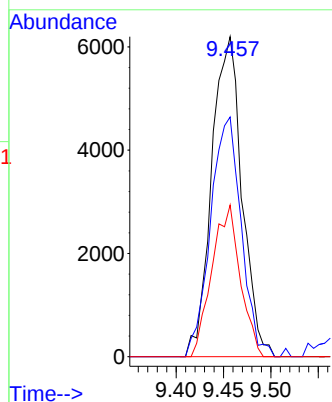


#39  
Methylcyclohexane  
Concen: 0.998 ug/l  
RT: 9.457 min Scan# 1100  
Delta R.T. 0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :

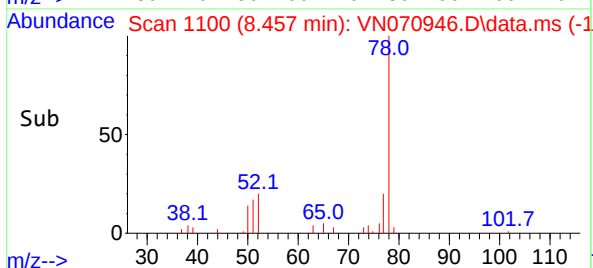
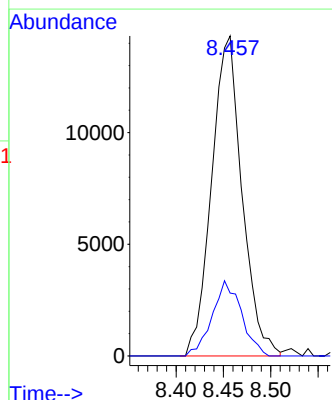
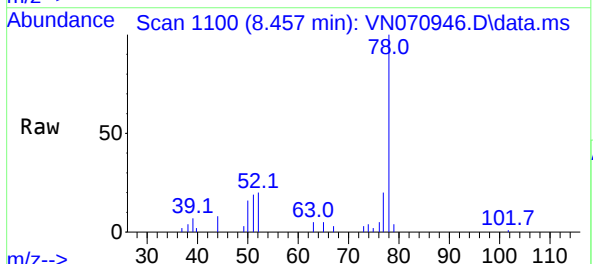


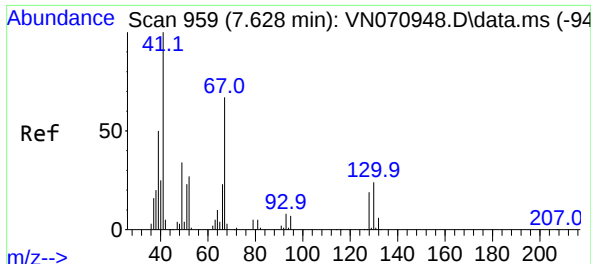
Tgt Ion: 83 Resp: 13799  
Ion Ratio Lower Upper  
83 100  
55 74.9 58.1 87.1  
98 47.4 38.4 57.6



#40  
Benzene  
Concen: 1.006 ug/l  
RT: 8.457 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

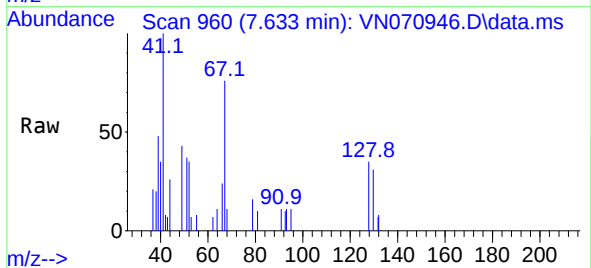
Tgt Ion: 78 Resp: 31969  
Ion Ratio Lower Upper  
78 100  
77 19.6 18.6 27.8



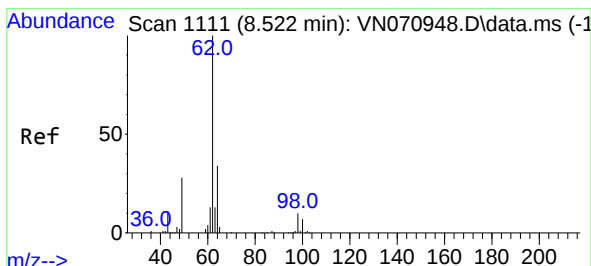
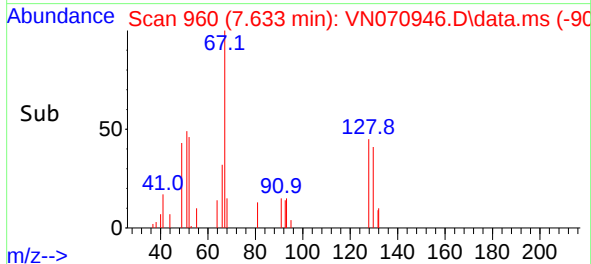
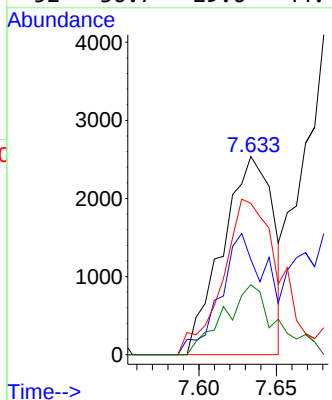


#41  
Methacrylonitrile  
Concen: 0.949 ug/l  
RT: 7.633 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :

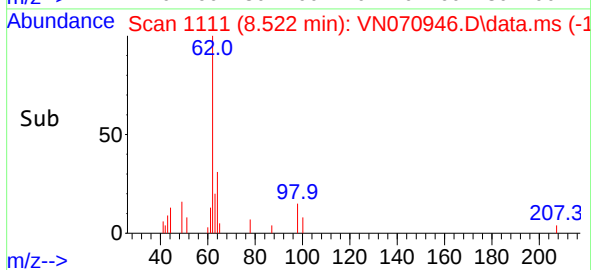
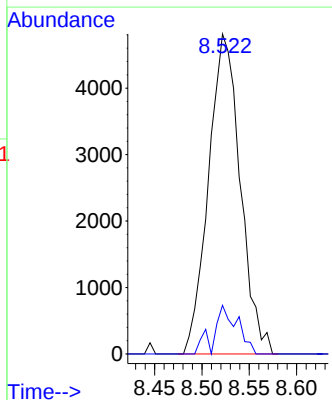
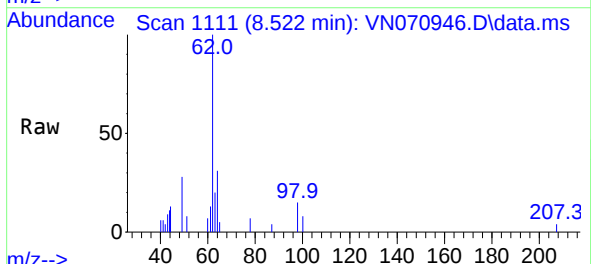


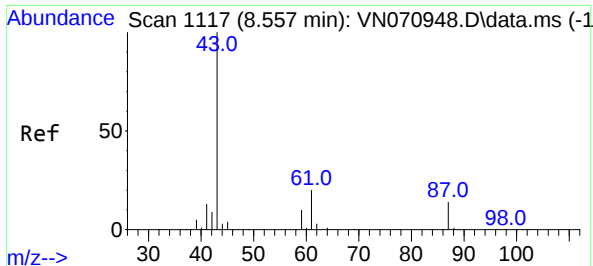
Tgt Ion: 41 Resp: 5762  
Ion Ratio Lower Upper  
41 100  
39 55.6 48.1 72.1  
67 90.7 68.3 102.5  
52 36.7 29.6 44.4



#42  
1,2-Dichloroethane  
Concen: 1.037 ug/l  
RT: 8.522 min Scan# 1111  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Tgt Ion: 62 Resp: 11223  
Ion Ratio Lower Upper  
62 100  
98 11.4 0.0 17.6

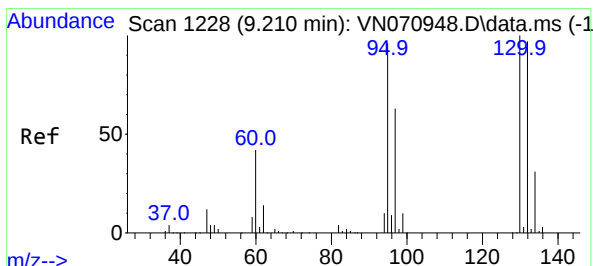
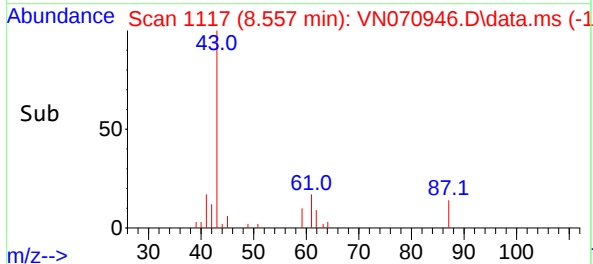
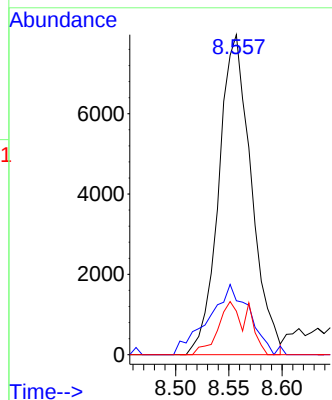
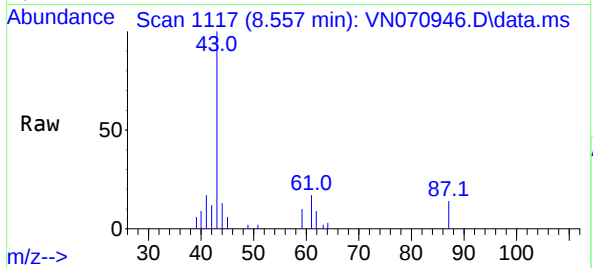




#43  
Isopropyl Acetate  
Concen: 0.930 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

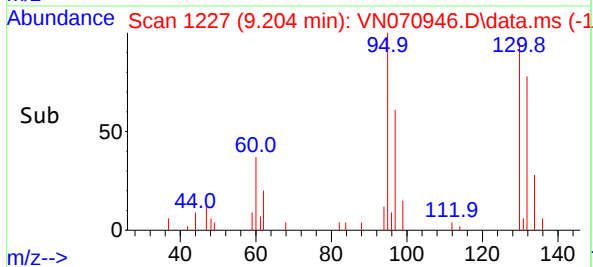
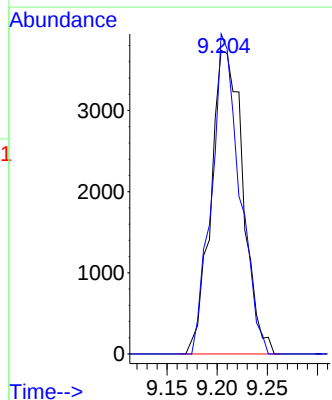
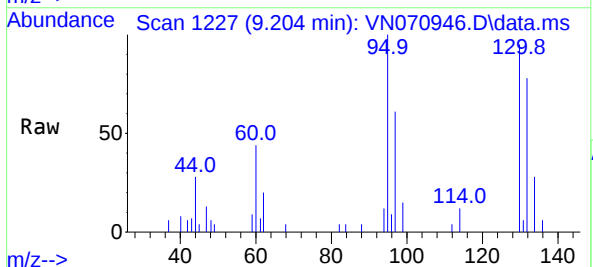
Instrument :  
MSVOA\_N  
ClientSampleId :

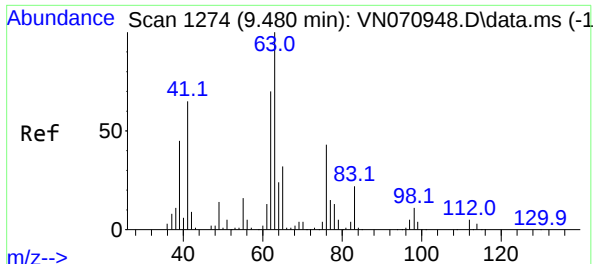
Tgt Ion: 43 Resp: 16886  
Ion Ratio Lower Upper  
43 100  
61 28.0 20.4 30.6  
87 15.5 11.2 16.8



#44  
Trichloroethene  
Concen: 0.992 ug/l  
RT: 9.204 min Scan# 1227  
Delta R.T. -0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Tgt Ion:130 Resp: 8300  
Ion Ratio Lower Upper  
130 100  
95 105.4 0.0 191.2

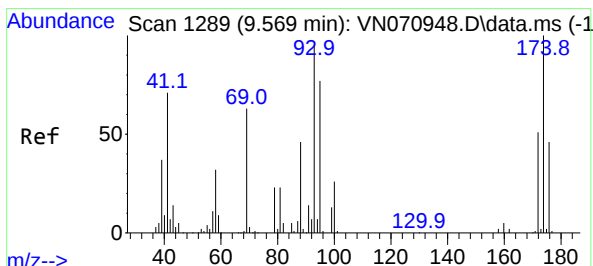
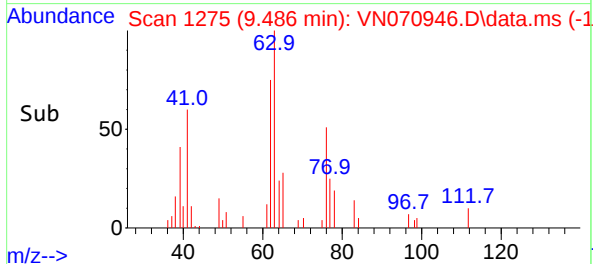
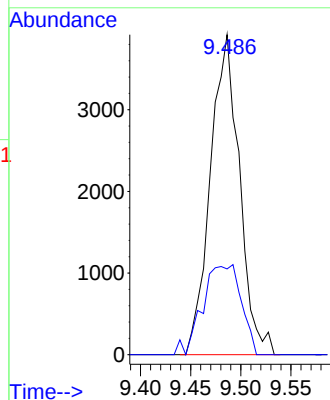
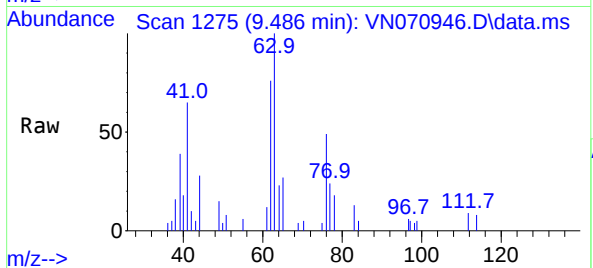




#45  
1,2-Dichloropropane  
Concen: 0.974 ug/l  
RT: 9.486 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

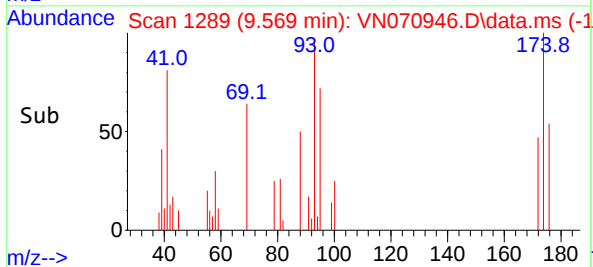
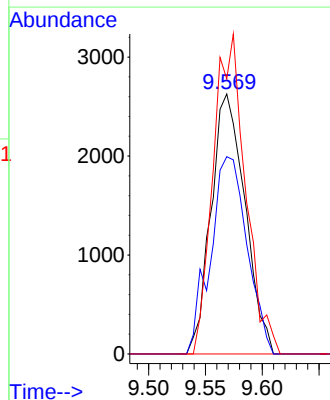
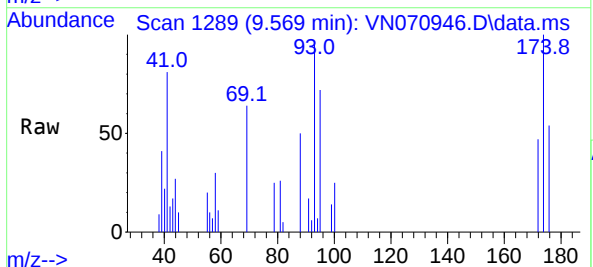
Instrument :  
MSVOA\_N  
ClientSampleId :

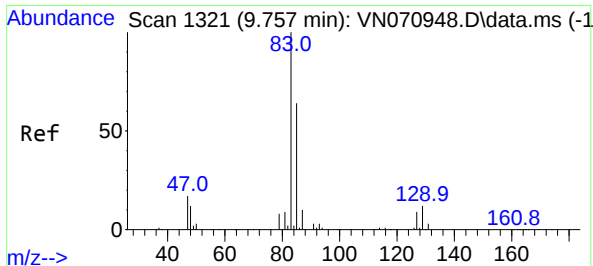
Tgt Ion: 63 Resp: 7933  
Ion Ratio Lower Upper  
63 100  
65 26.8 24.7 37.1



#46  
Dibromomethane  
Concen: 1.020 ug/l  
RT: 9.569 min Scan# 1289  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Tgt Ion: 93 Resp: 5468  
Ion Ratio Lower Upper  
93 100  
95 81.9 65.9 98.9  
174 116.8 84.6 127.0

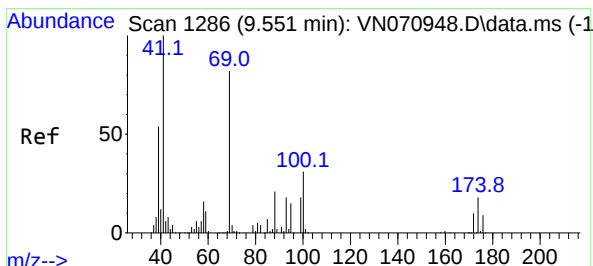
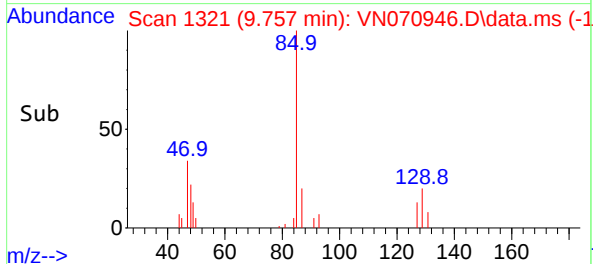
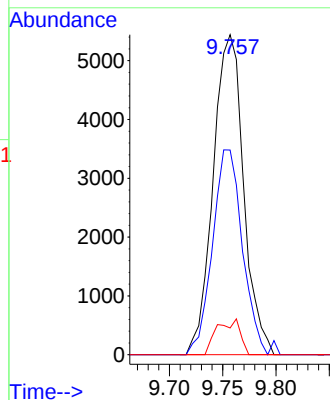
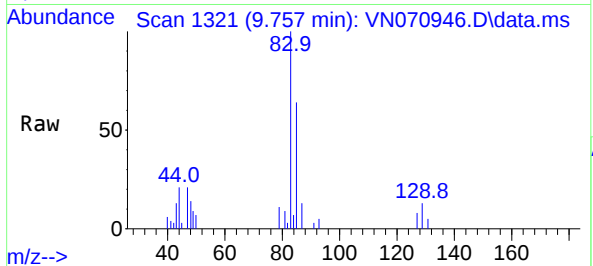




#47  
Bromodichloromethane  
Concen: 0.999 ug/l  
RT: 9.757 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

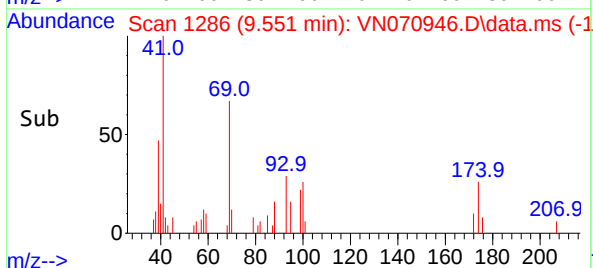
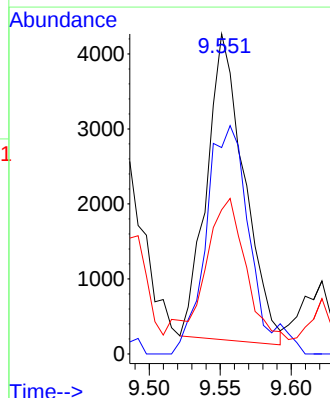
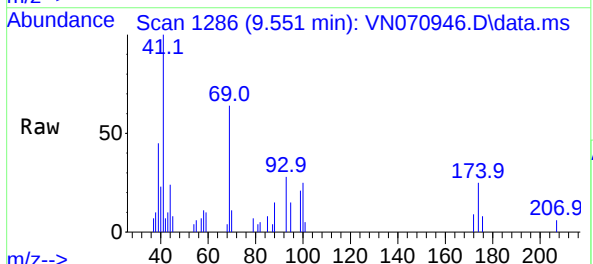
Instrument :  
MSVOA\_N  
ClientSampleId :

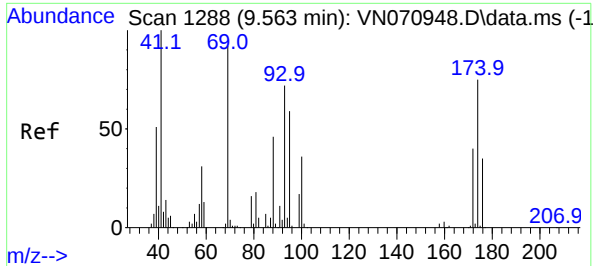
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 10820 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.9  | 50.9  | 76.3  |
| 127      | 8.4   | 7.1   | 10.7  |



#48  
Methyl methacrylate  
Concen: 0.872 ug/l  
RT: 9.551 min Scan# 1286  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

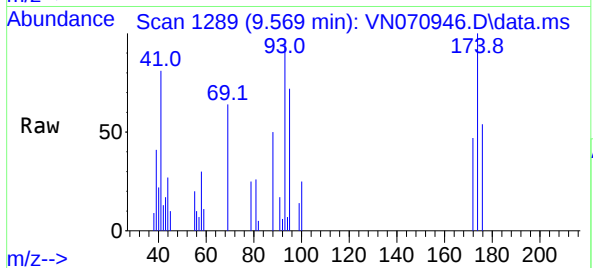
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 7496  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 87.2  | 72.4  | 108.6 |
| 39       | 62.9  | 58.4  | 87.6  |



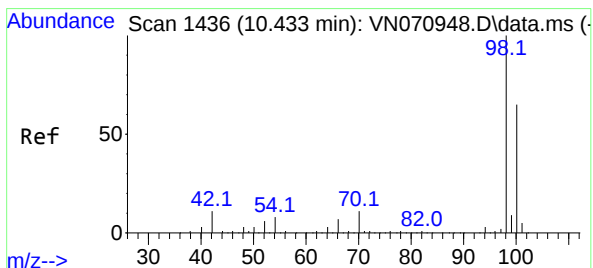
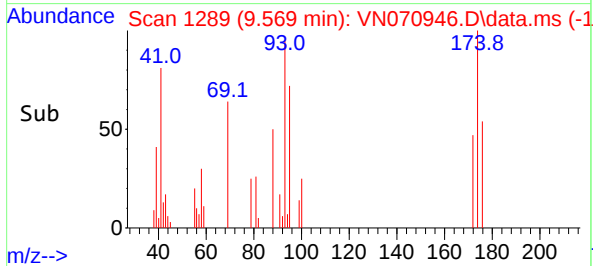
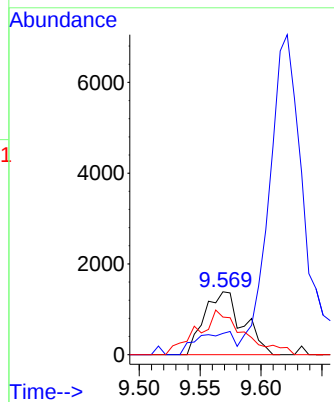


#49  
1,4-Dioxane  
Concen: 20.003 ug/l  
RT: 9.569 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :

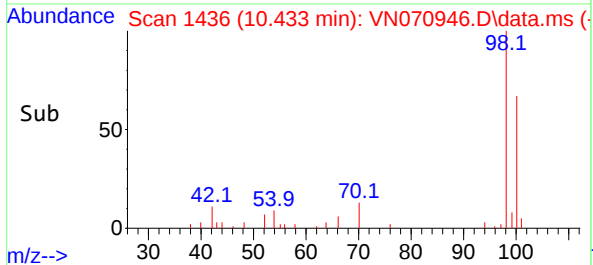
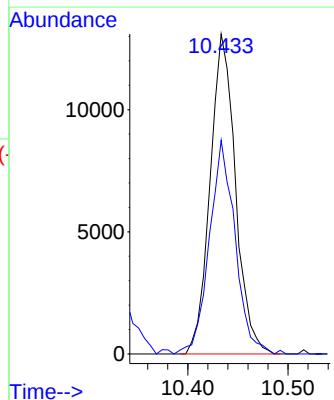
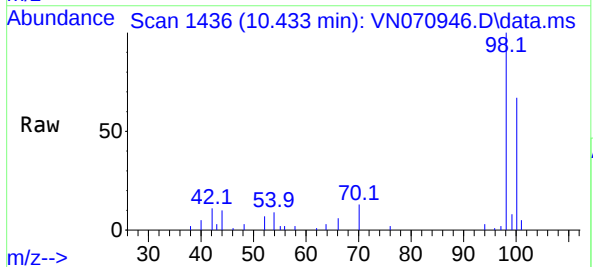


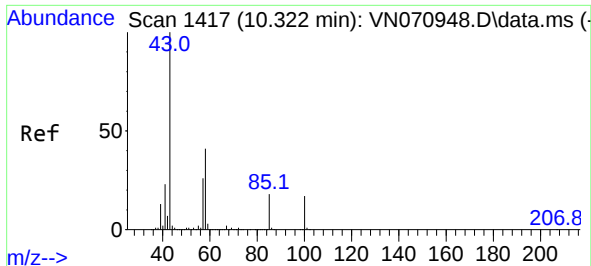
Tgt Ion: 88 Resp: 3055  
Ion Ratio Lower Upper  
88 100  
43 34.5 23.4 35.2  
58 84.4 50.6 75.8#



#50  
Toluene-d8  
Concen: 0.873 ug/l  
RT: 10.433 min Scan# 1436  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Tgt Ion: 98 Resp: 23007  
Ion Ratio Lower Upper  
98 100  
100 68.1 50.4 75.6

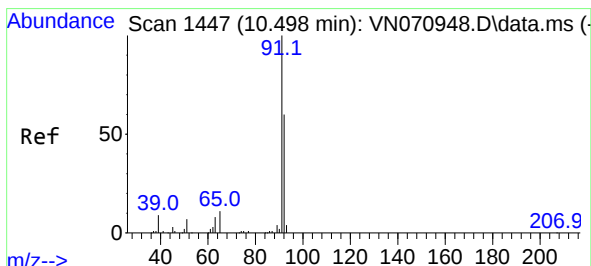
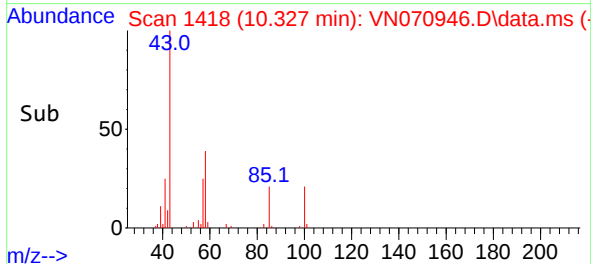
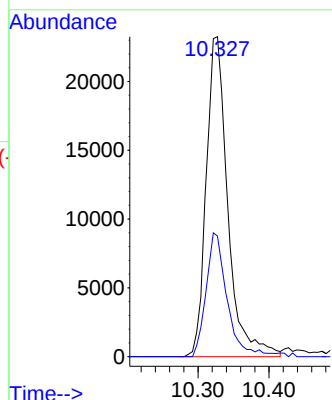
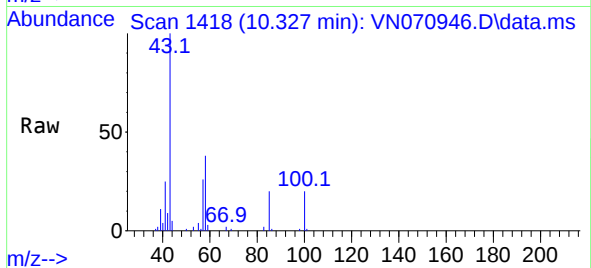




#51  
4-Methyl-2-Pentanone  
Concen: 4.449 ug/l  
RT: 10.327 min Scan# 1417  
Delta R.T. 0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

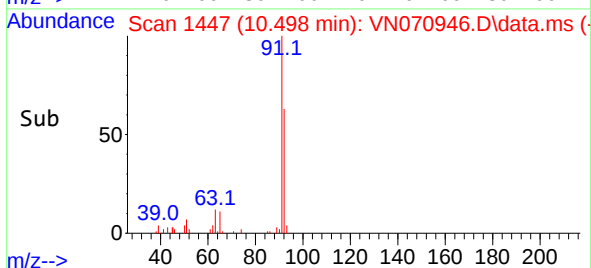
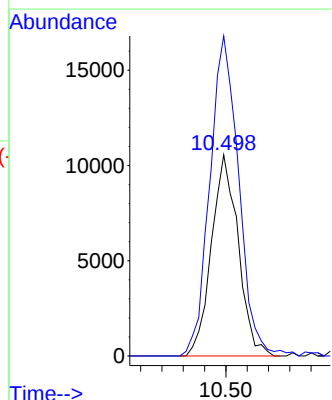
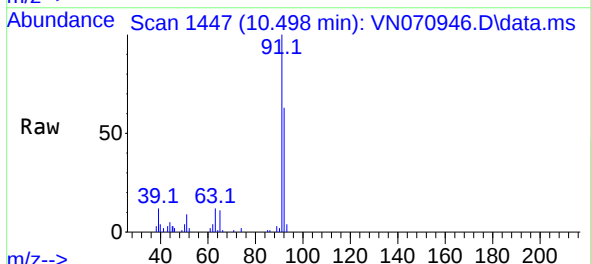
Instrument :  
MSVOA\_N  
ClientSampleId :

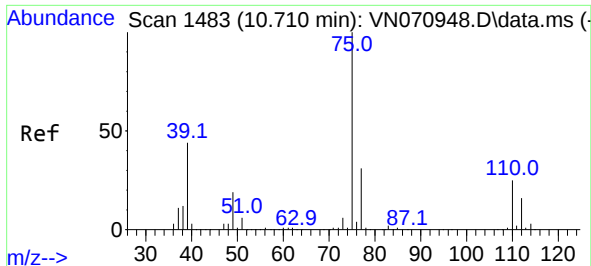
Tgt Ion: 43 Resp: 49171  
Ion Ratio Lower Upper  
43 100  
58 37.6 30.4 45.6



#52  
Toluene  
Concen: 0.921 ug/l  
RT: 10.498 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Tgt Ion: 92 Resp: 18404  
Ion Ratio Lower Upper  
92 100  
91 172.0 142.0 213.0

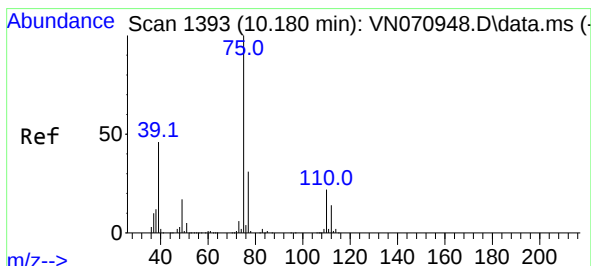
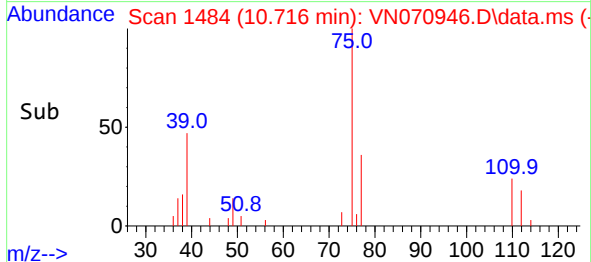
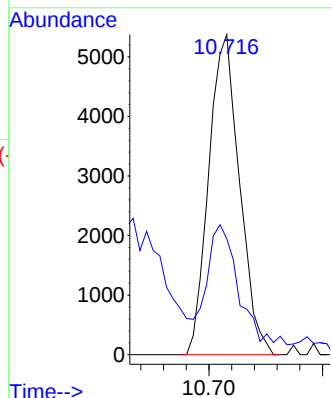
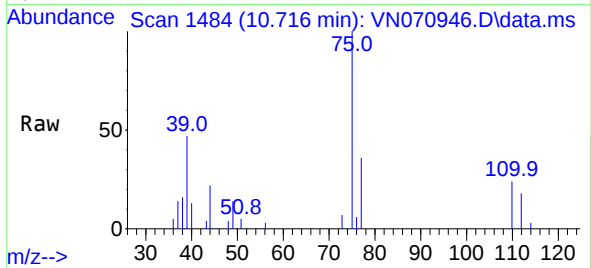




#53  
 t-1,3-Dichloropropene  
 Concen: 0.858 ug/l  
 RT: 10.716 min Scan# 1483  
 Delta R.T. 0.006 min  
 Lab File: VN070946.D  
 Acq: 15 Feb 2022 12:22

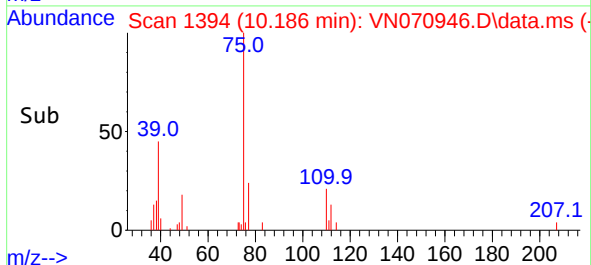
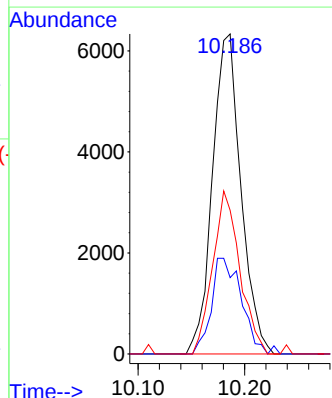
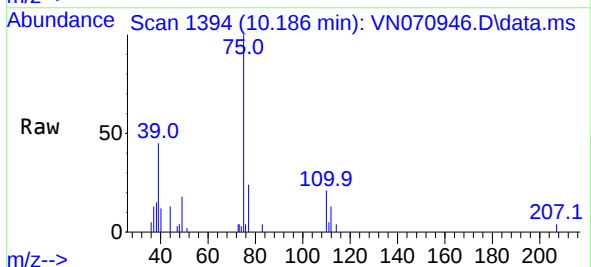
Instrument :  
 MSVOA\_N  
 ClientSampleId :

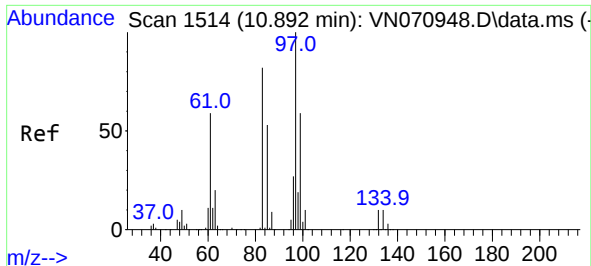
Tgt Ion: 75 Resp: 10108  
 Ion Ratio Lower Upper  
 75 100  
 77 30.5 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 0.908 ug/l  
 RT: 10.186 min Scan# 1394  
 Delta R.T. 0.006 min  
 Lab File: VN070946.D  
 Acq: 15 Feb 2022 12:22

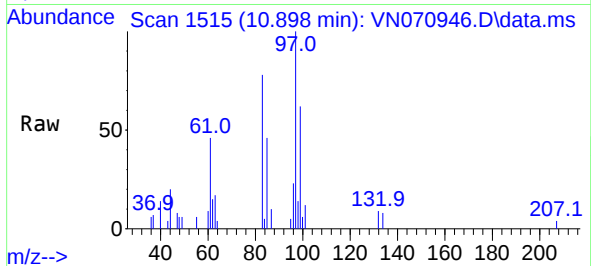
Tgt Ion: 75 Resp: 11739  
 Ion Ratio Lower Upper  
 75 100  
 77 23.8 26.4 39.6#  
 39 44.9 42.5 63.7





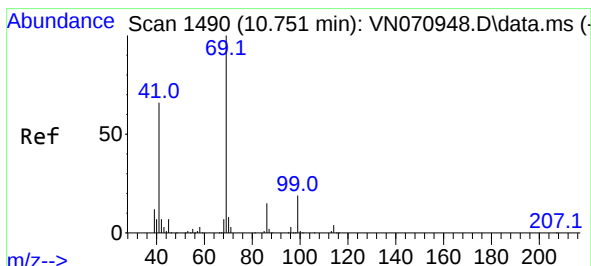
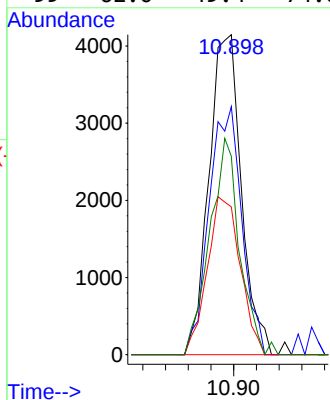
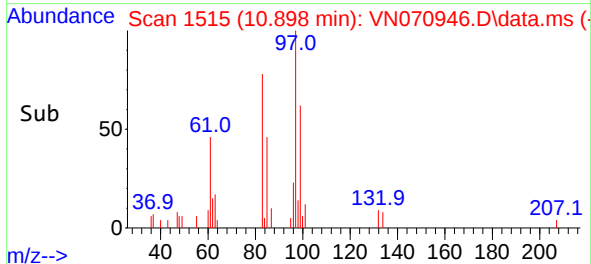
#55  
1,1,2-Trichloroethane  
Concen: 1.051 ug/l  
RT: 10.898 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :

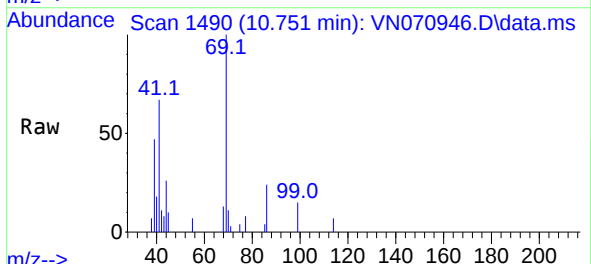


Tgt Ion: 97 Resp: 8220

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 77.5  | 67.8  | 101.6 |
| 85  | 46.2  | 45.4  | 68.2  |
| 99  | 62.0  | 49.4  | 74.0  |

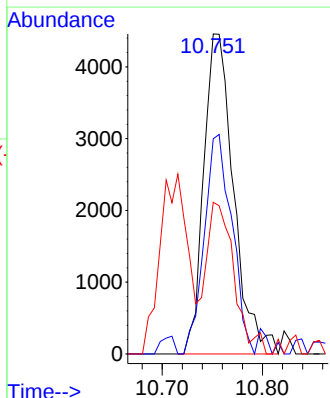
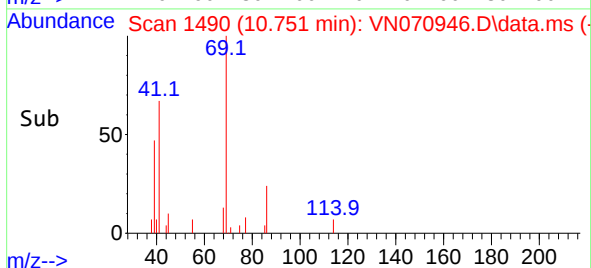


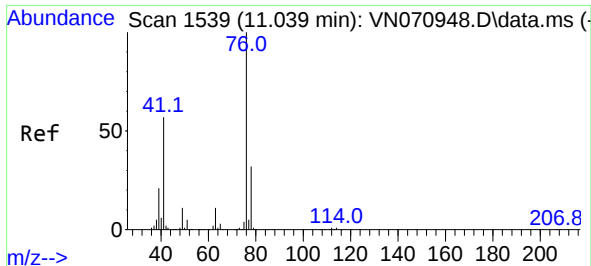
#56  
Ethyl methacrylate  
Concen: 0.786 ug/l  
RT: 10.751 min Scan# 1490  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22



Tgt Ion: 69 Resp: 9254

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 63.4  | 51.4  | 77.0  |
| 39  | 44.5  | 34.6  | 52.0  |





#57

1,3-Dichloropropane

Concen: 0.980 ug/l

RT: 11.045 min Scan# 1540

Delta R.T. 0.006 min

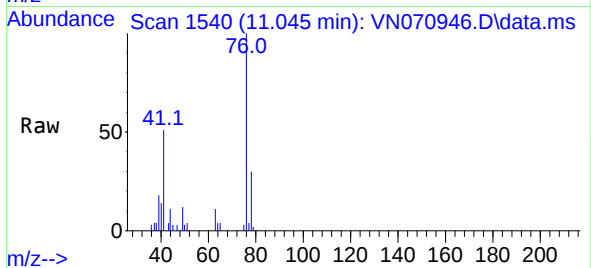
Lab File: VN070946.D

Acq: 15 Feb 2022 12:22

Instrument :

MSVOA\_N

ClientSampleId :

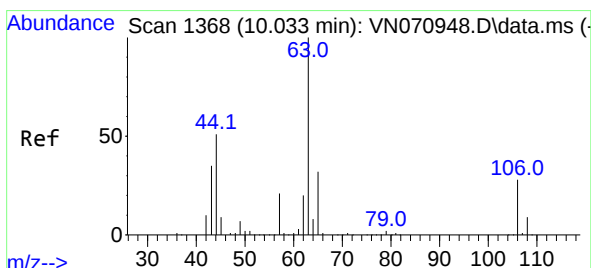
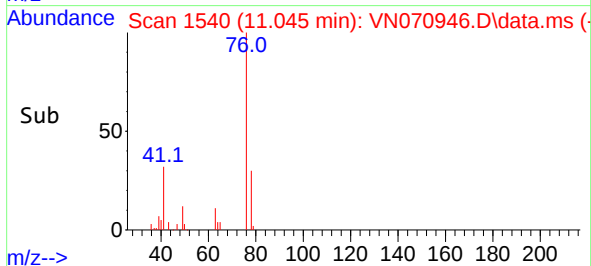
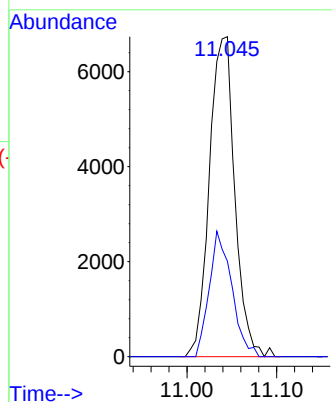


Tgt Ion: 76 Resp: 13253

Ion Ratio Lower Upper

76 100

78 34.7 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 33.643 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VN070946.D

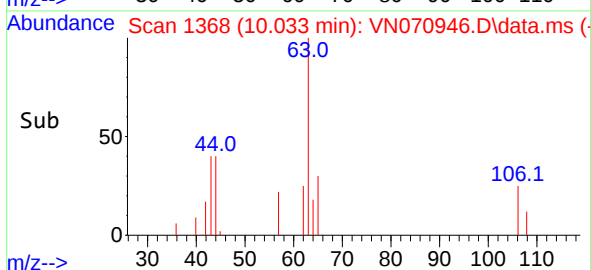
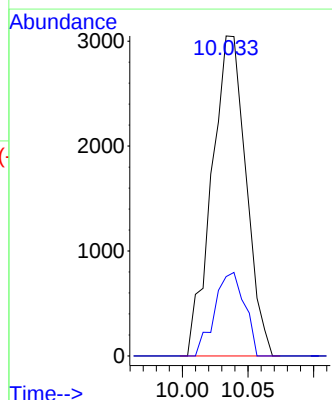
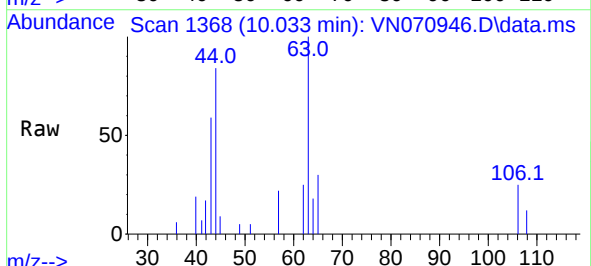
Acq: 15 Feb 2022 12:22

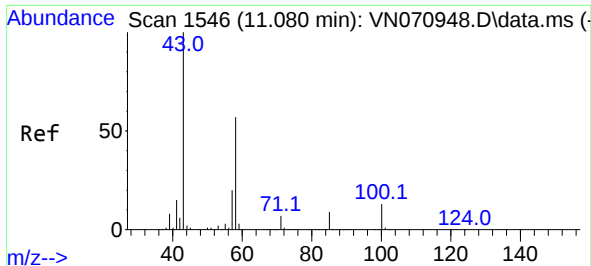
Tgt Ion: 63 Resp: 5531

Ion Ratio Lower Upper

63 100

106 22.8 23.9 35.9#

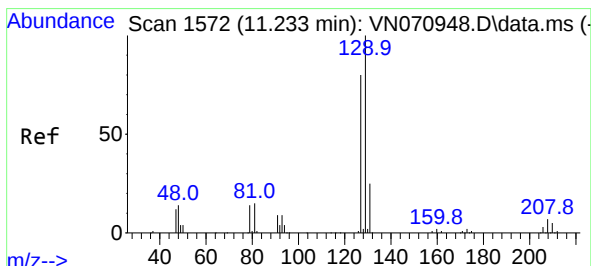
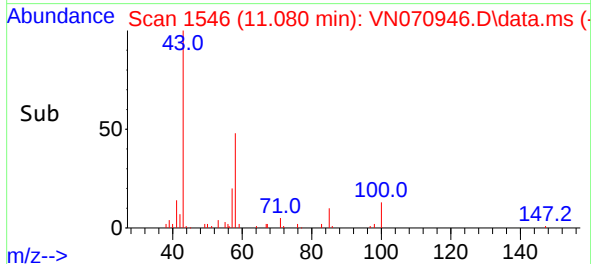
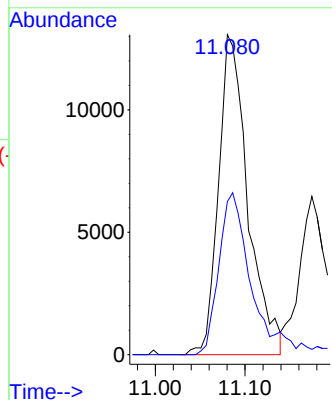
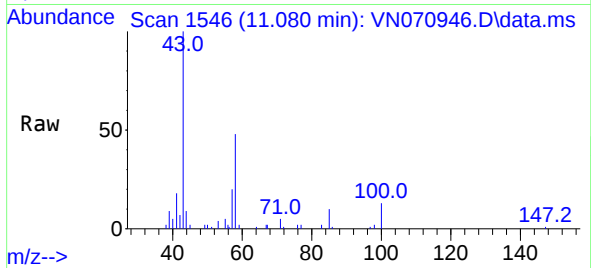




#59  
2-Hexanone  
Concen: 3.905 ug/l  
RT: 11.080 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

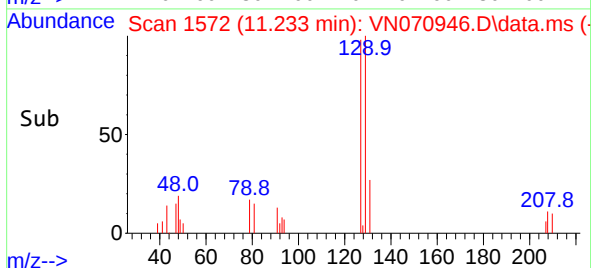
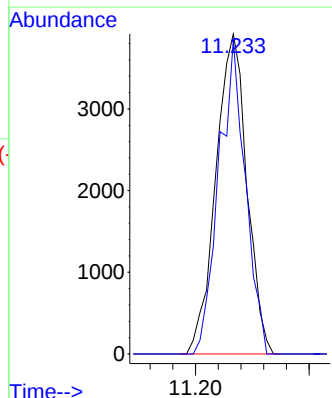
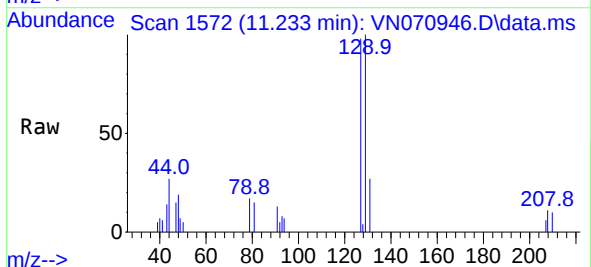
Instrument :  
MSVOA\_N  
ClientSampleId :

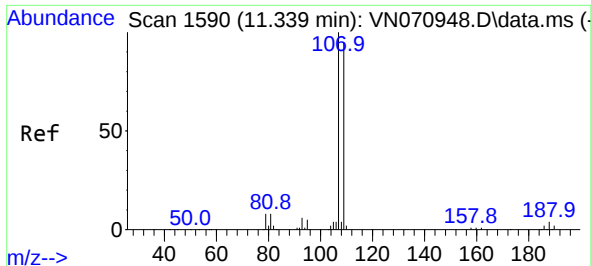
Tgt Ion: 43 Resp: 29685  
Ion Ratio Lower Upper  
43 100  
58 55.8 26.9 80.7



#60  
Dibromochloromethane  
Concen: 0.900 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

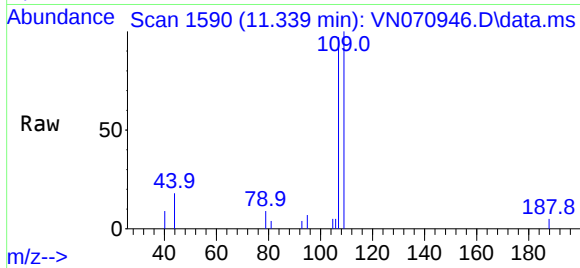
Tgt Ion: 129 Resp: 7437  
Ion Ratio Lower Upper  
129 100  
127 83.9 38.6 116.0



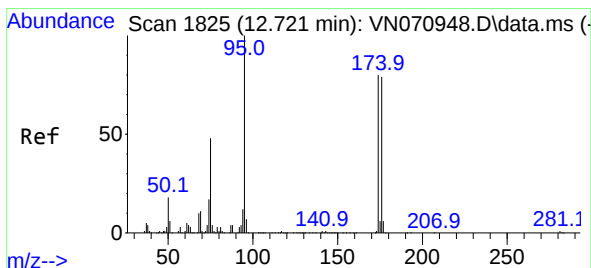
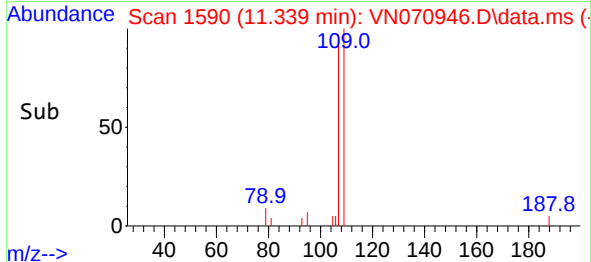
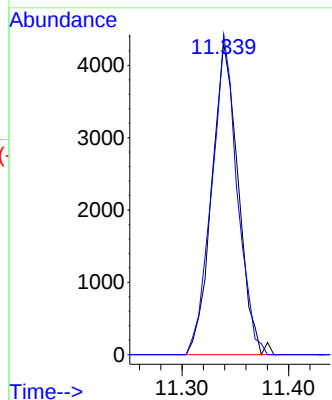


#61  
1,2-Dibromoethane  
Concen: 0.930 ug/l  
RT: 11.339 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :

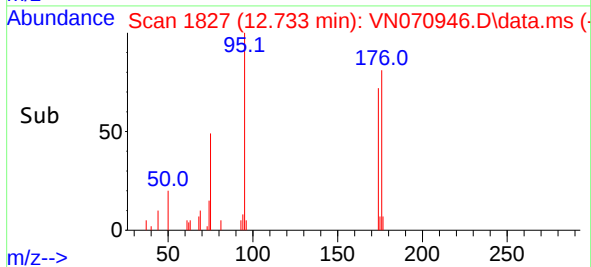
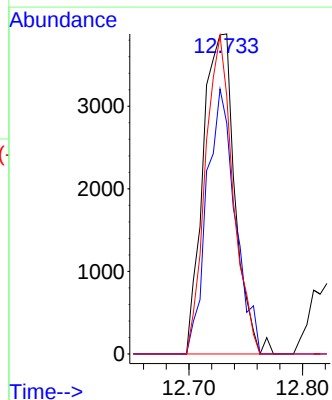
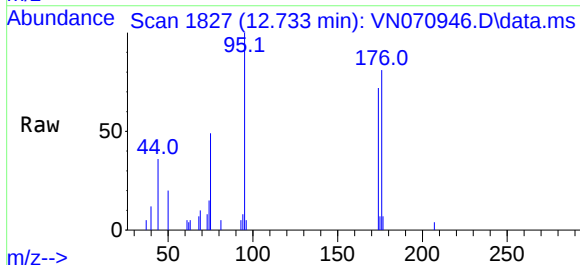


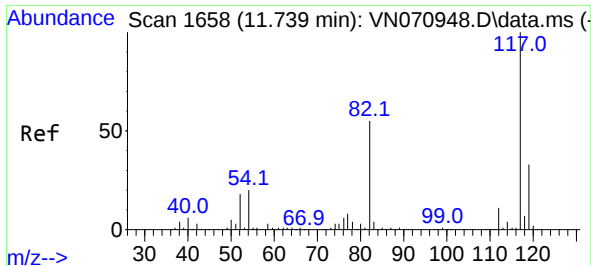
Tgt Ion:107 Resp: 7398  
Ion Ratio Lower Upper  
107 100  
109 99.1 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 0.802 ug/l  
RT: 12.733 min Scan# 1827  
Delta R.T. 0.012 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

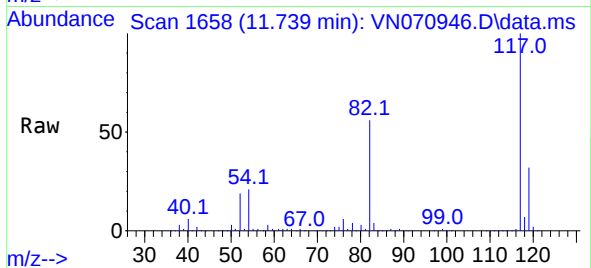
Tgt Ion: 95 Resp: 7554  
Ion Ratio Lower Upper  
95 100  
174 74.1 0.0 187.2  
176 86.4 0.0 181.4



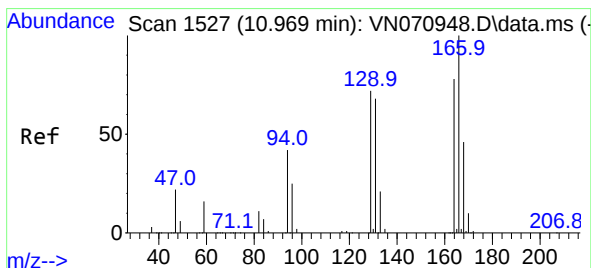
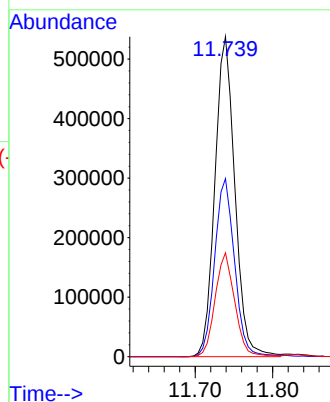
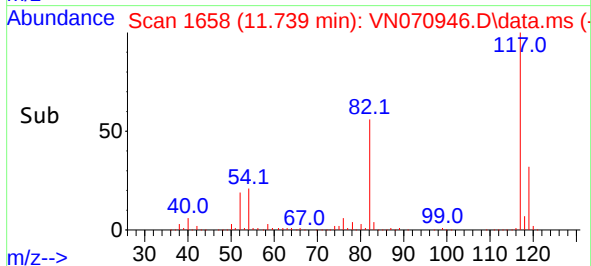


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

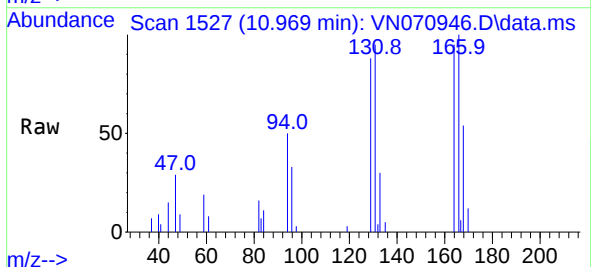
Instrument :  
MSVOA\_N  
ClientSampleId :



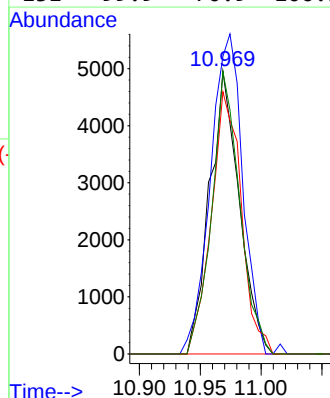
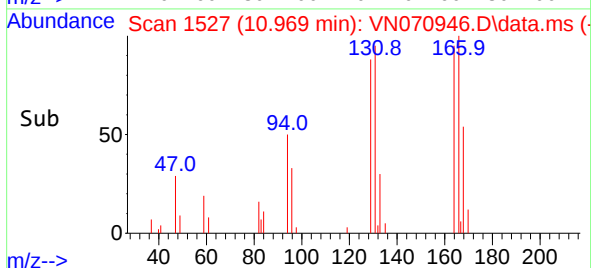
Tgt Ion:117 Resp: 962438  
Ion Ratio Lower Upper  
117 100  
82 55.6 42.4 63.6  
119 32.5 25.4 38.2

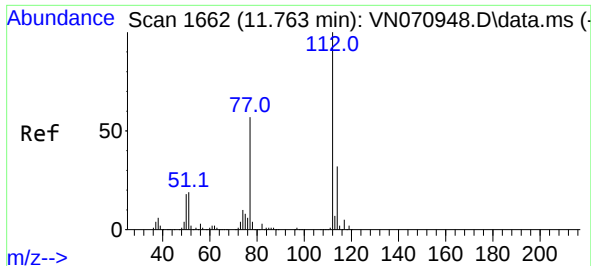


#64  
Tetrachloroethene  
Concen: 1.123 ug/l  
RT: 10.969 min Scan# 1527  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22



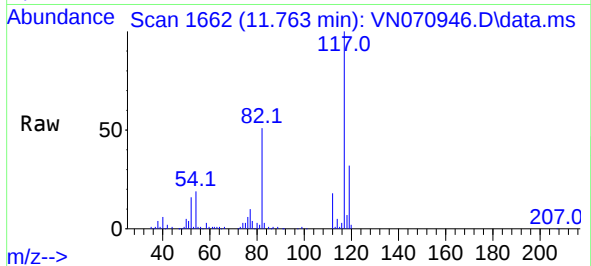
Tgt Ion:164 Resp: 8414  
Ion Ratio Lower Upper  
164 100  
166 105.3 101.9 152.9  
129 92.8 72.0 108.0  
131 99.9 70.9 106.3



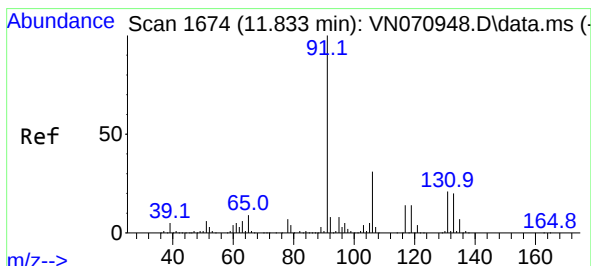
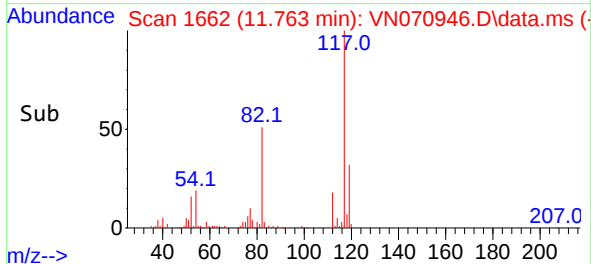
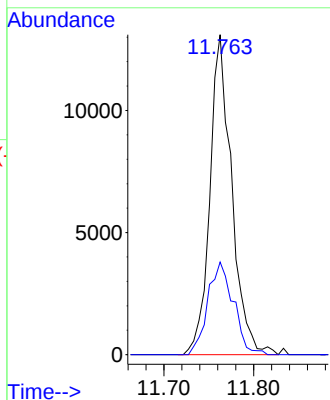


#65  
Chlorobenzene  
Concen: 1.067 ug/l  
RT: 11.763 min Scan# 1662  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :

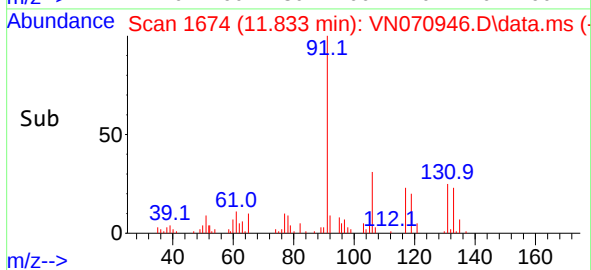
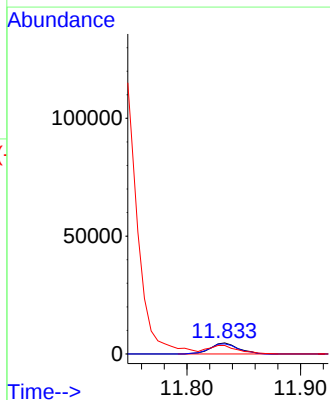
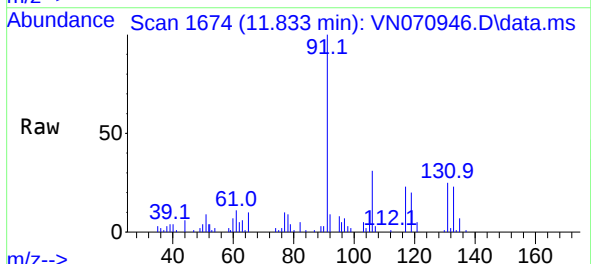


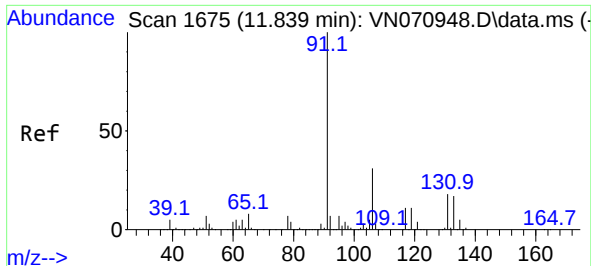
Tgt Ion:112 Resp: 22122  
Ion Ratio Lower Upper  
112 100  
114 29.0 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 1.047 ug/l  
RT: 11.833 min Scan# 1674  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Tgt Ion:131 Resp: 7917  
Ion Ratio Lower Upper  
131 100  
133 94.9 47.9 143.7  
119 0.0 32.1 96.5#

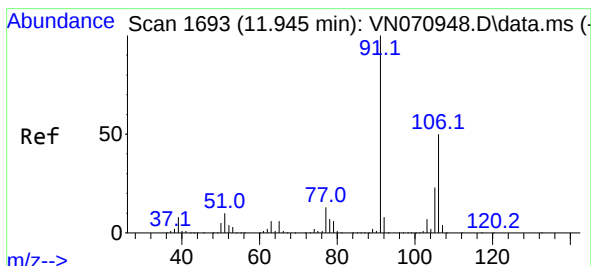
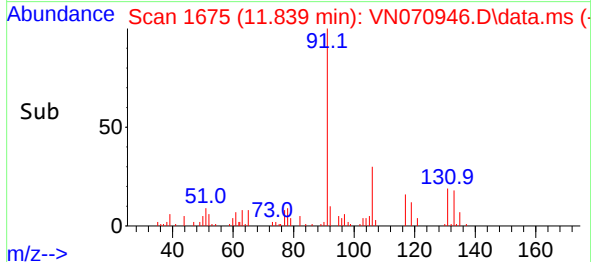
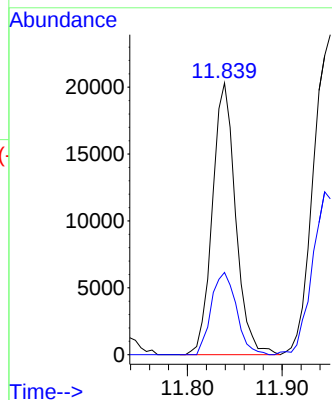
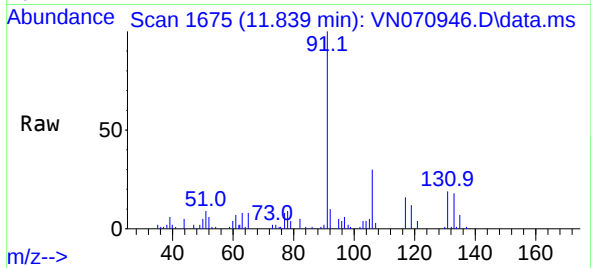




#67  
Ethyl Benzene  
Concen: 0.953 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

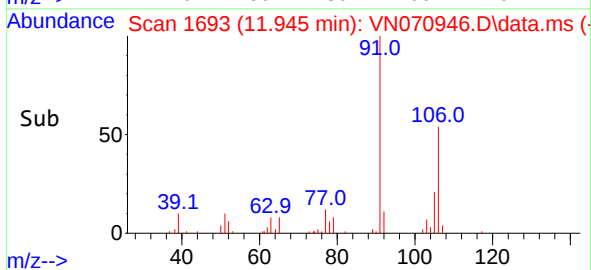
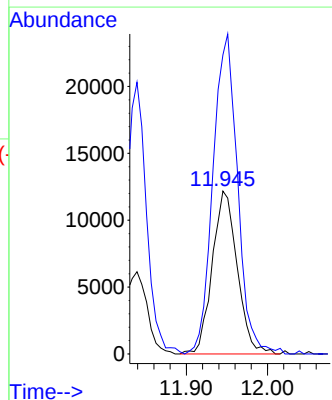
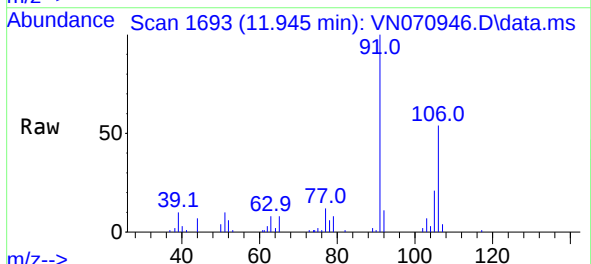
Instrument :  
MSVOA\_N  
ClientSampleId :

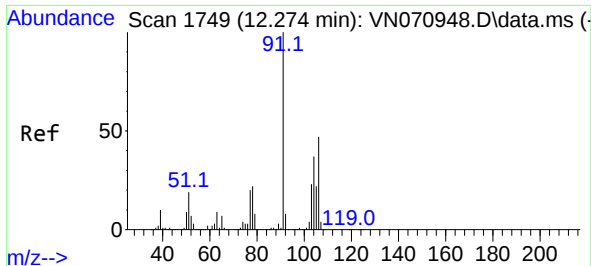
Tgt Ion: 91 Resp: 34598  
Ion Ratio Lower Upper  
91 100  
106 30.3 25.7 38.5



#68  
m/p-Xylenes  
Concen: 1.858 ug/l  
RT: 11.945 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Tgt Ion:106 Resp: 26056  
Ion Ratio Lower Upper  
106 100  
91 193.3 160.6 240.8

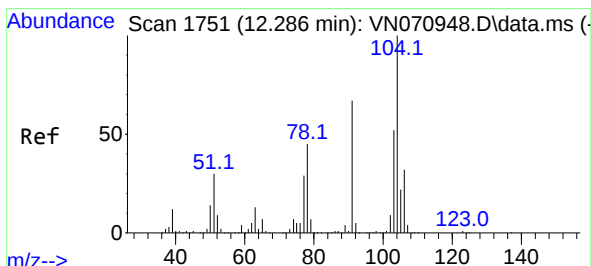
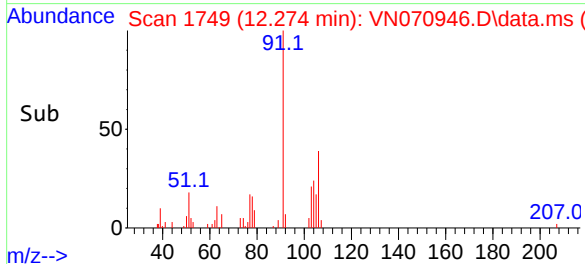
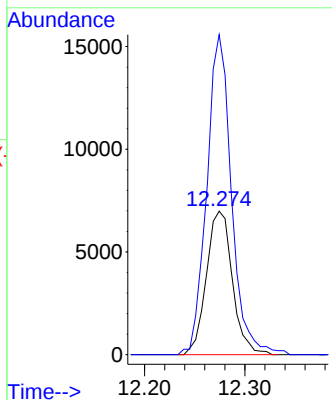
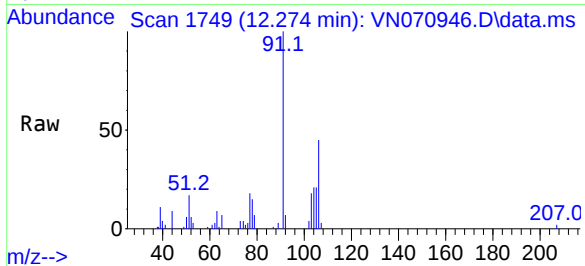




#69  
o-Xylene  
Concen: 0.921 ug/l  
RT: 12.274 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

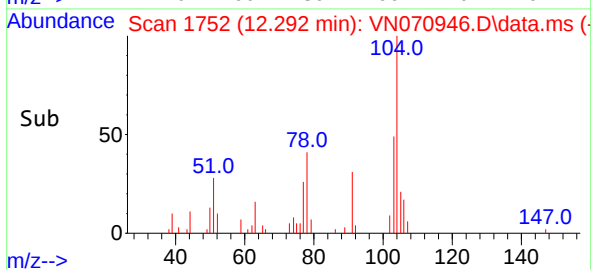
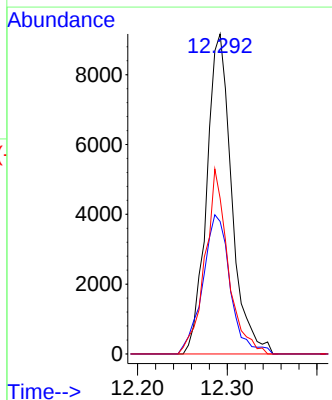
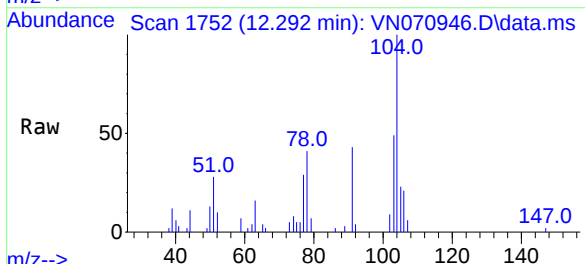
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MSVOA\_N  
ClientSampleId :

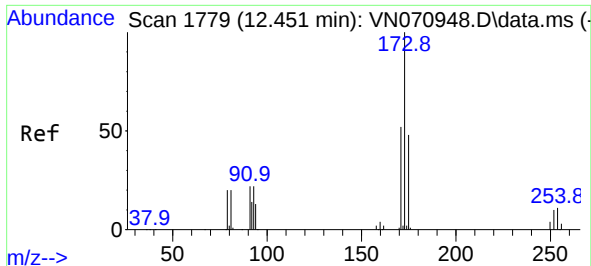
Tgt Ion:106 Resp: 12608  
Ion Ratio Lower Upper  
106 100  
91 212.0 105.8 317.3



#70  
Styrene  
Concen: 0.816 ug/l  
RT: 12.292 min Scan# 1752  
Delta R.T. 0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Tgt Ion:104 Resp: 17768  
Ion Ratio Lower Upper  
104 100  
78 47.8 38.7 58.1  
103 53.2 45.0 67.6

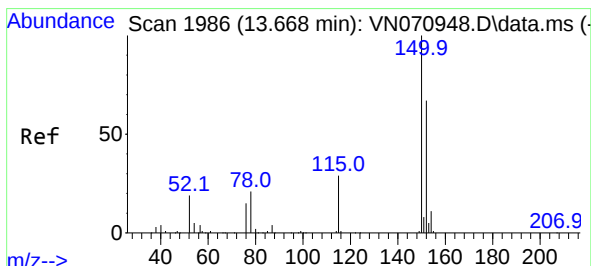
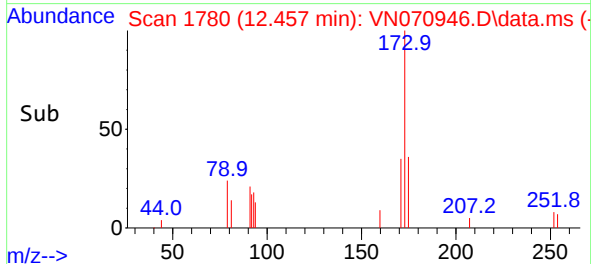
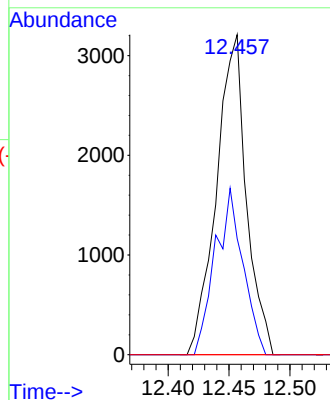
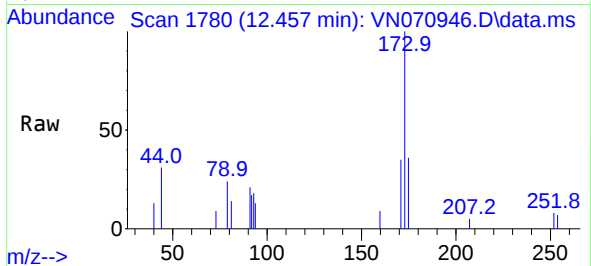




#71  
Bromoform  
Concen: 0.914 ug/l  
RT: 12.457 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

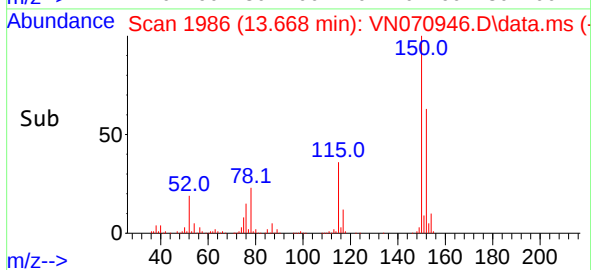
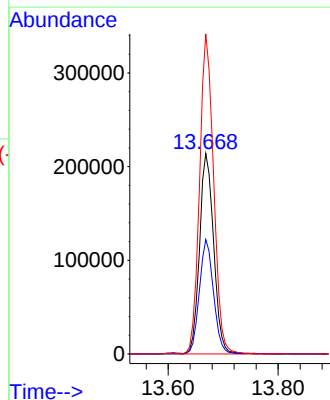
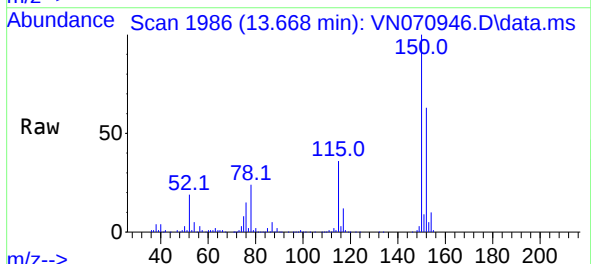
Instrument :  
MSVOA\_N  
ClientSampleId :

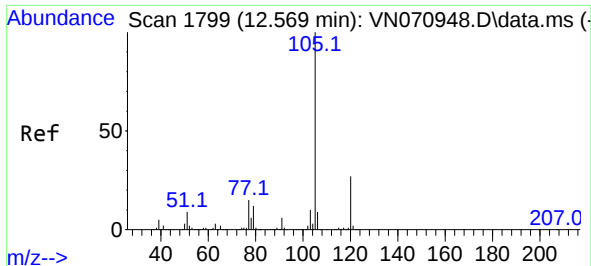
Tgt Ion:173 Resp: 5504  
Ion Ratio Lower Upper  
173 100  
175 48.0 24.2 72.6  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Tgt Ion:152 Resp: 382460  
Ion Ratio Lower Upper  
152 100  
115 56.4 27.5 82.5  
150 158.8 0.0 344.4

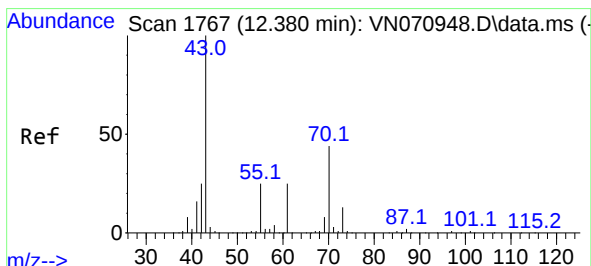
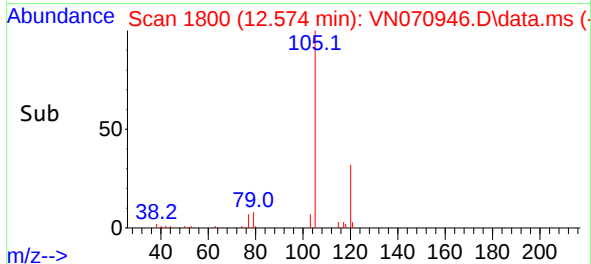
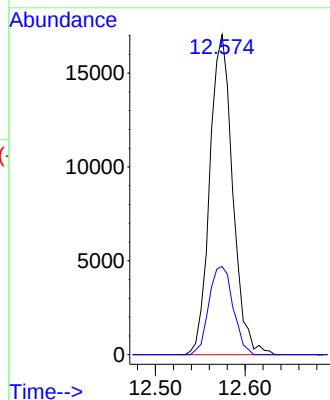
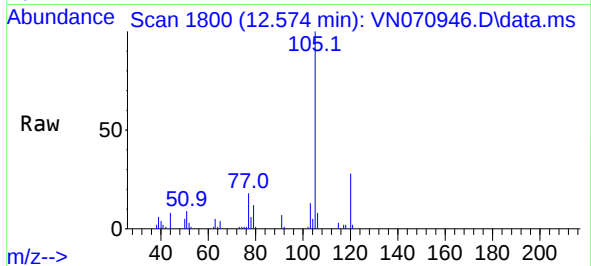




#73  
Isopropylbenzene  
Concen: 0.981 ug/l  
RT: 12.574 min Scan# 1799  
Delta R.T. 0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

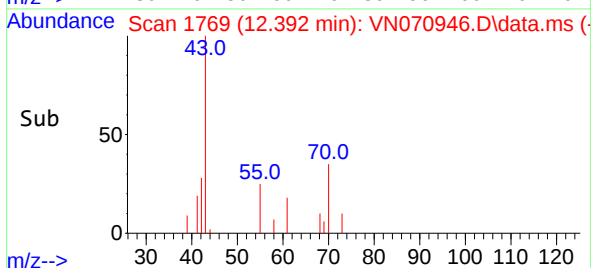
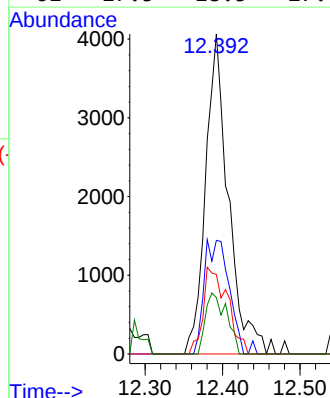
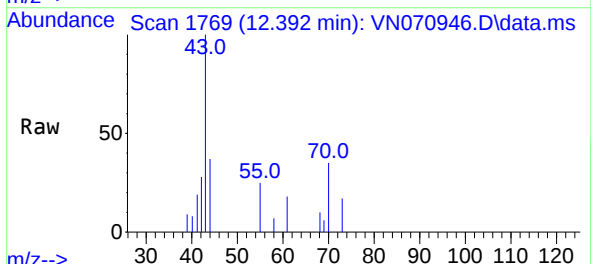
Instrument :  
MSVOA\_N  
ClientSampleId :

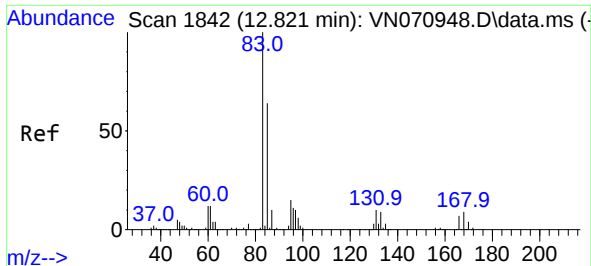
Tgt Ion:105 Resp: 30214  
Ion Ratio Lower Upper  
105 100  
120 29.0 13.4 40.1



#74  
N-ethyl acetate  
Concen: 0.848 ug/l  
RT: 12.392 min Scan# 1769  
Delta R.T. 0.012 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Tgt Ion: 43 Resp: 8342  
Ion Ratio Lower Upper  
43 100  
70 38.4 33.4 50.0  
55 28.7 19.3 28.9  
61 17.5 18.5 27.7#

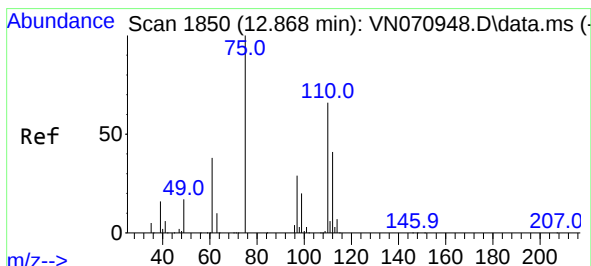
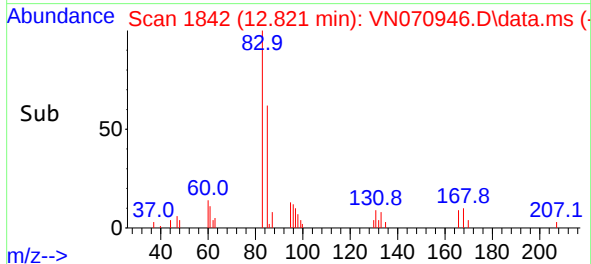
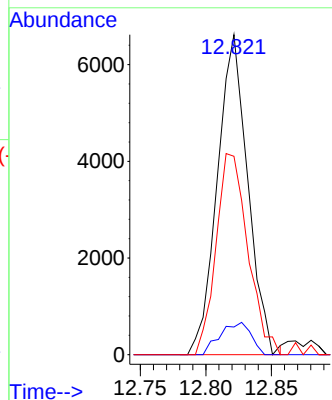
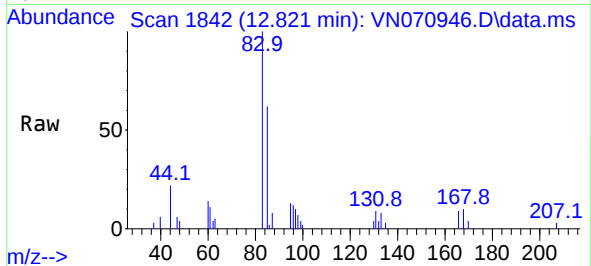




#75  
1,1,2,2-Tetrachloroethane  
Concen: 1.095 ug/l  
RT: 12.821 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

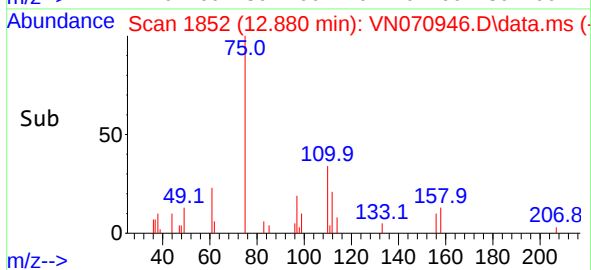
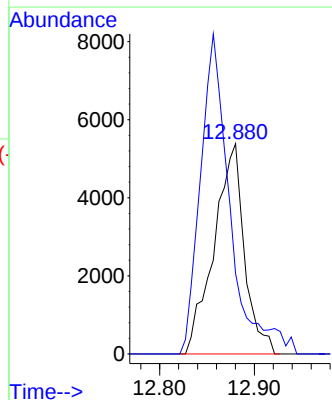
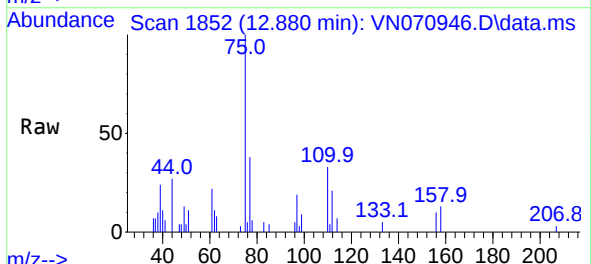
Instrument :  
MSVOA\_N  
ClientSampleId :

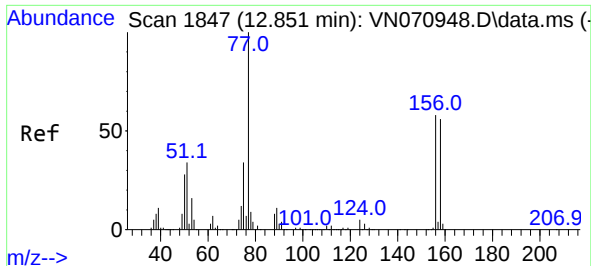
Tgt Ion: 83 Resp: 10712  
Ion Ratio Lower Upper  
83 100  
131 10.2 5.5 16.5  
85 65.4 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 1.334 ug/l  
RT: 12.880 min Scan# 1852  
Delta R.T. 0.012 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

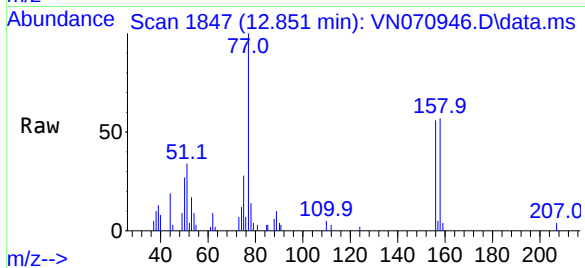
Tgt Ion: 75 Resp: 12009  
Ion Ratio Lower Upper  
75 100  
77 0.0 82.6 247.8#





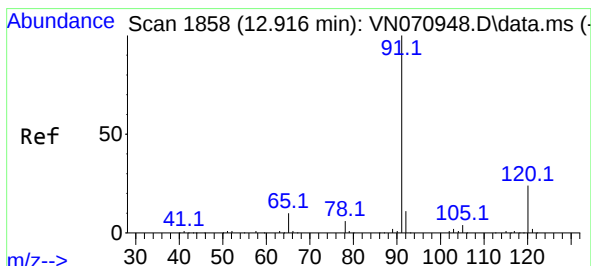
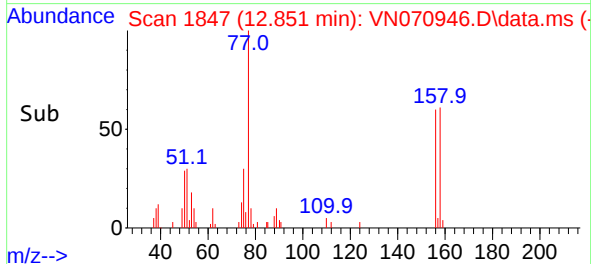
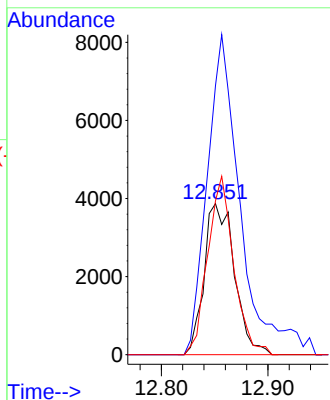
#77  
Bromobenzene  
Concen: 1.014 ug/l  
RT: 12.851 min Scan# 1847  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion:156 Resp: 7638

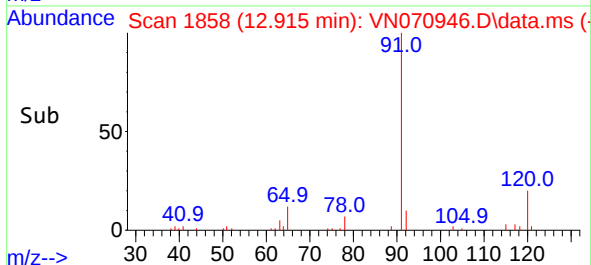
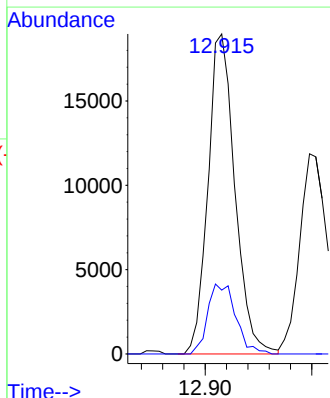
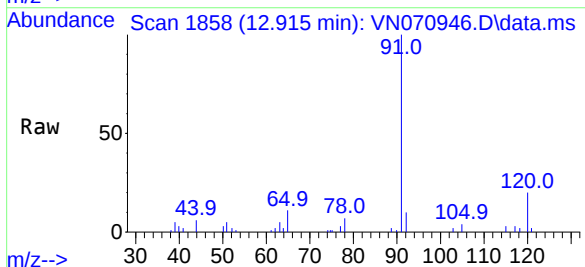
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 232.8 | 90.6  | 271.8 |
| 158 | 101.9 | 48.9  | 146.7 |

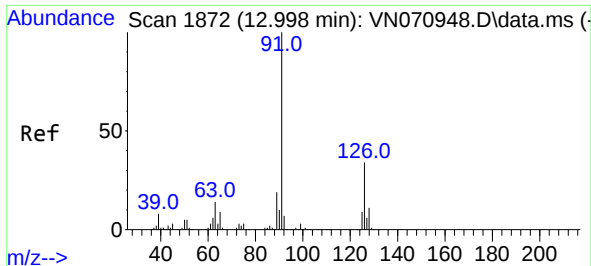


#78  
n-propylbenzene  
Concen: 0.963 ug/l  
RT: 12.915 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Tgt Ion: 91 Resp: 33310

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 22.7  | 11.9  | 35.9  |

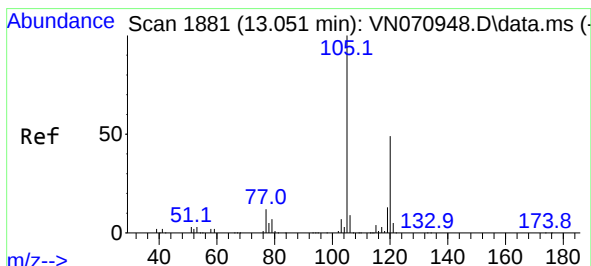
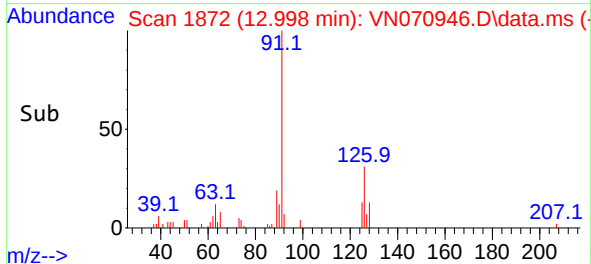
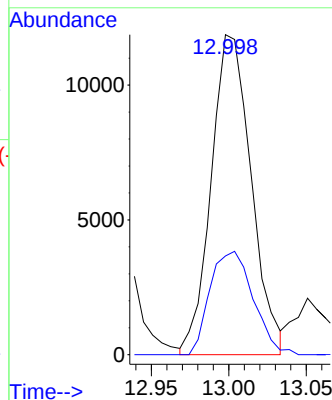
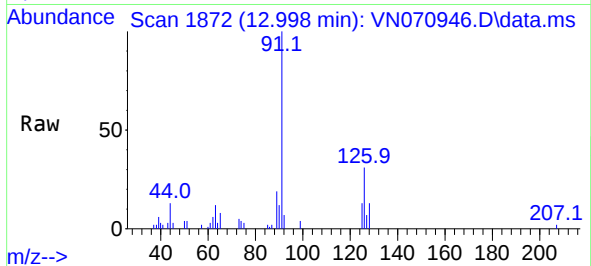




#79  
2-Chlorotoluene  
Concen: 1.016 ug/l  
RT: 12.998 min Scan# 1872  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

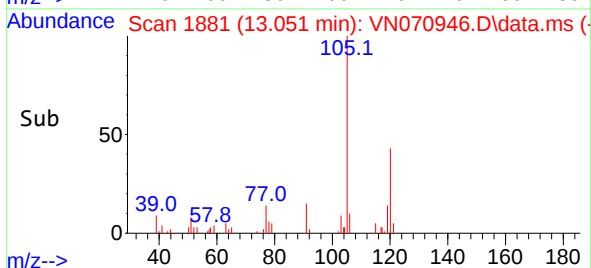
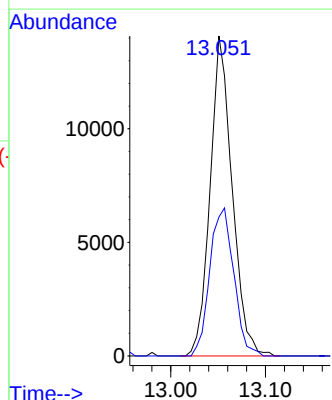
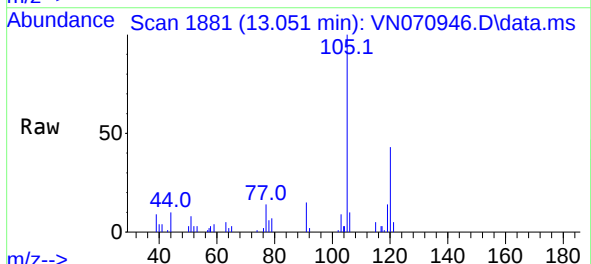
Instrument :  
MSVOA\_N  
ClientSampleId :

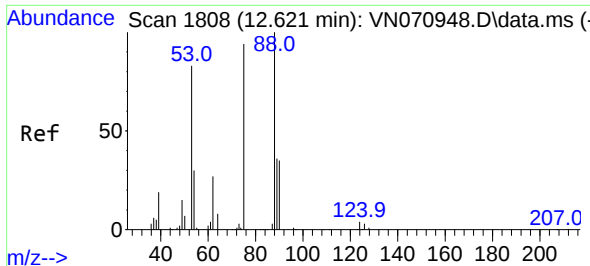
Tgt Ion: 91 Resp: 21349  
Ion Ratio Lower Upper  
91 100  
126 34.8 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 0.912 ug/l  
RT: 13.051 min Scan# 1881  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

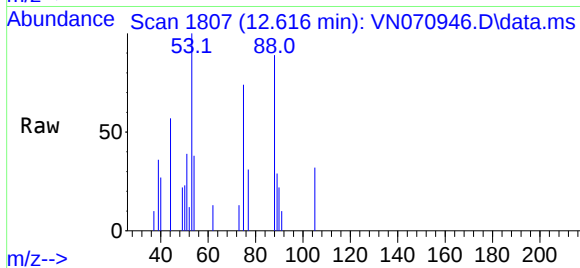
Tgt Ion: 105 Resp: 22749  
Ion Ratio Lower Upper  
105 100  
120 50.4 24.6 73.6



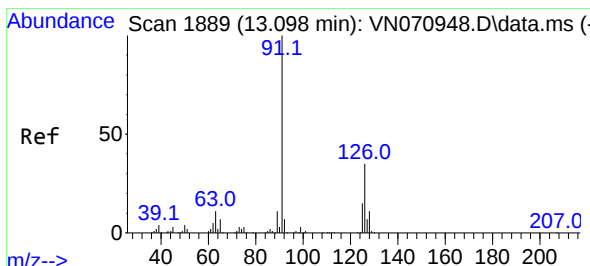
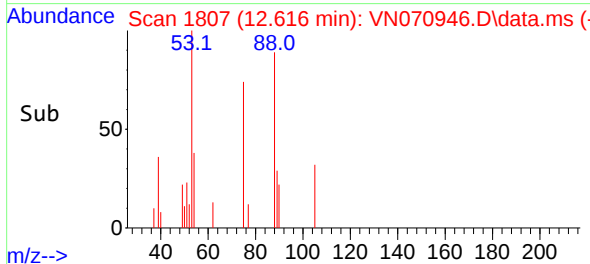
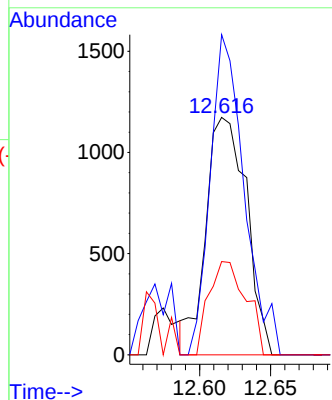


#81  
trans-1,4-Dichloro-2-butene  
Concen: 0.839 ug/l  
RT: 12.616 min Scan# 1807  
Delta R.T. -0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :

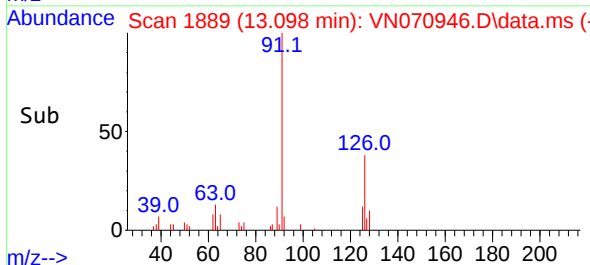
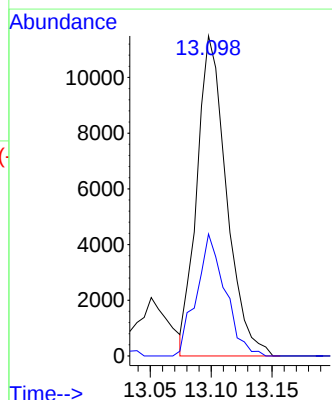
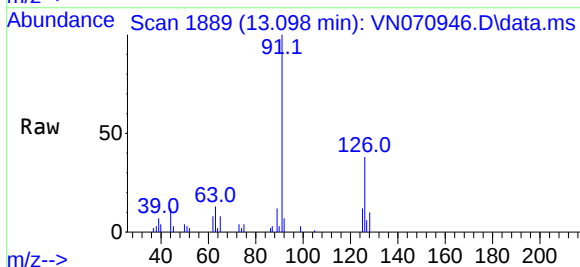


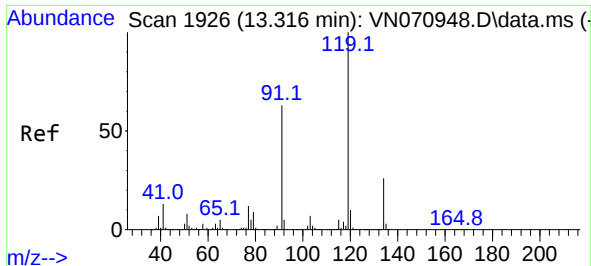
Tgt Ion: 75 Resp: 2332  
Ion Ratio Lower Upper  
75 100  
53 112.9 90.5 135.7  
89 36.0 38.2 57.4#



#82  
4-Chlorotoluene  
Concen: 0.951 ug/l  
RT: 13.098 min Scan# 1889  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

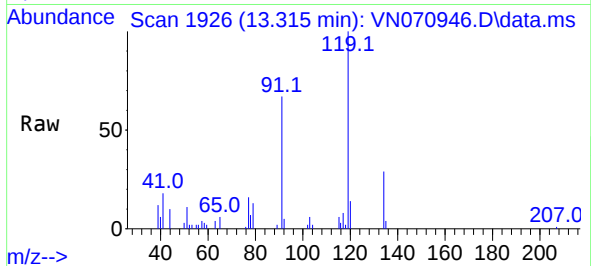
Tgt Ion: 91 Resp: 19398  
Ion Ratio Lower Upper  
91 100  
126 37.1 18.2 54.6



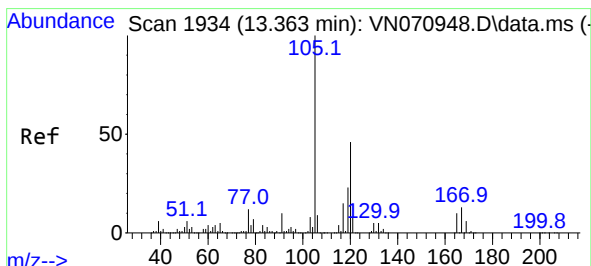
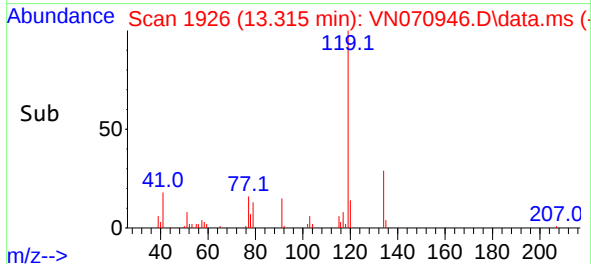
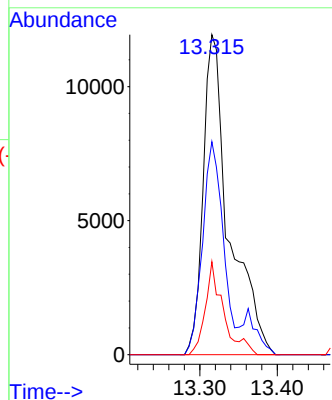


#83  
tert-Butylbenzene  
Concen: 1.174 ug/l  
RT: 13.315 min Scan# 1926  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :

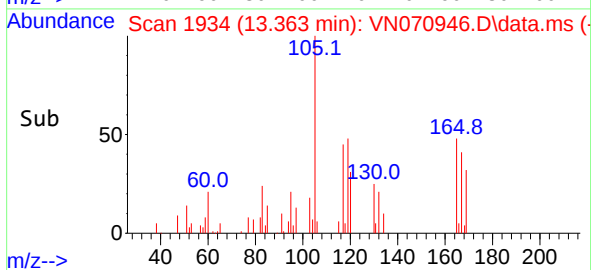
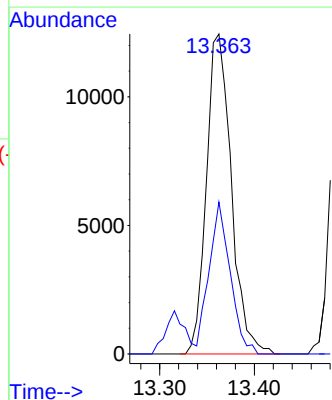
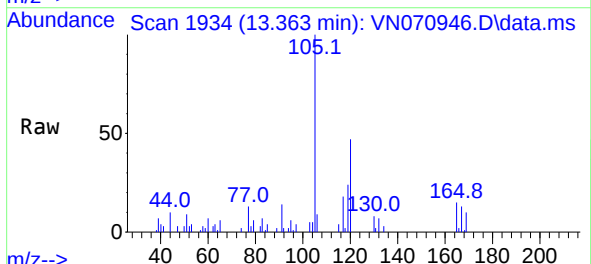


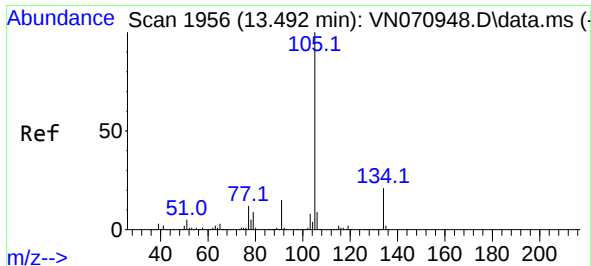
Tgt Ion:119 Resp: 27779  
Ion Ratio Lower Upper  
119 100  
91 53.8 31.5 94.5  
134 20.4 12.4 37.4



#84  
1,2,4-Trimethylbenzene  
Concen: 0.925 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Tgt Ion:105 Resp: 22707  
Ion Ratio Lower Upper  
105 100  
120 40.4 22.8 68.4

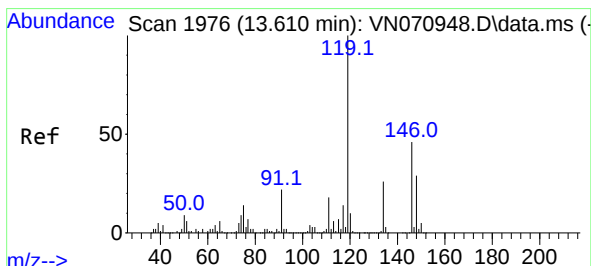
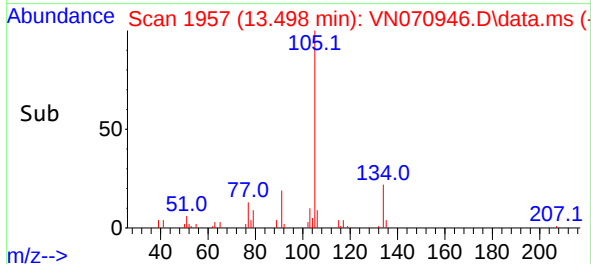
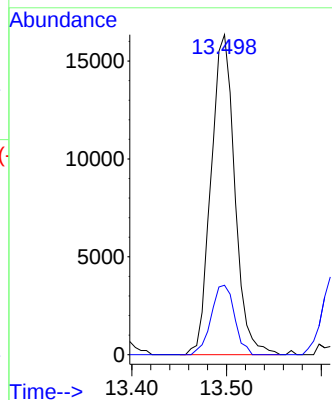
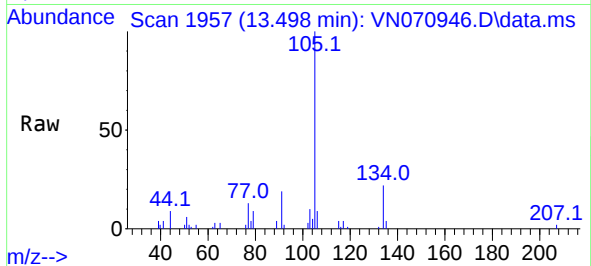




#85  
sec-Butylbenzene  
Concen: 0.913 ug/l  
RT: 13.498 min Scan# 1957  
Delta R.T. 0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

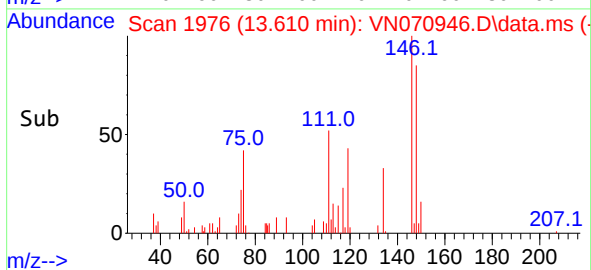
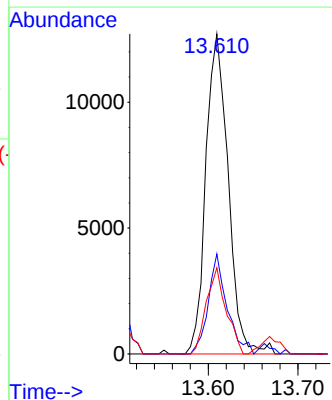
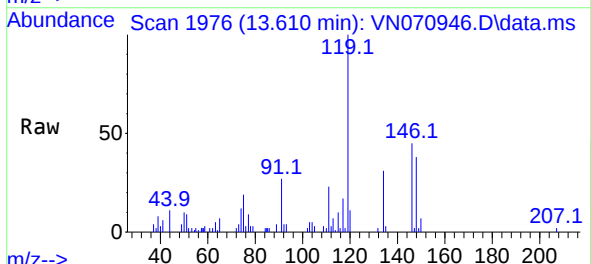
Instrument :  
MSVOA\_N  
ClientSampleId :

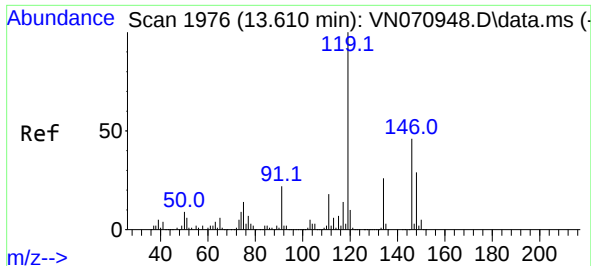
Tgt Ion:105 Resp: 28450  
Ion Ratio Lower Upper  
105 100  
134 21.4 10.4 31.1



#86  
p-Isopropyltoluene  
Concen: 0.860 ug/l  
RT: 13.610 min Scan# 1976  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Tgt Ion:119 Resp: 22004  
Ion Ratio Lower Upper  
119 100  
134 26.4 13.6 40.7  
91 23.9 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 0.999 ug/l

RT: 13.615 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VN070946.D

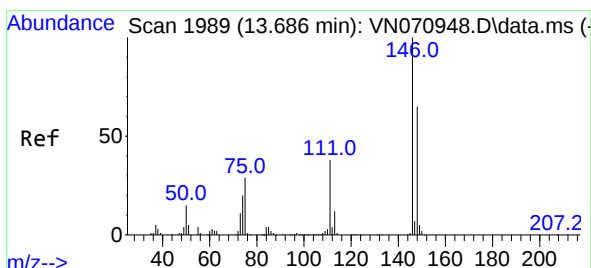
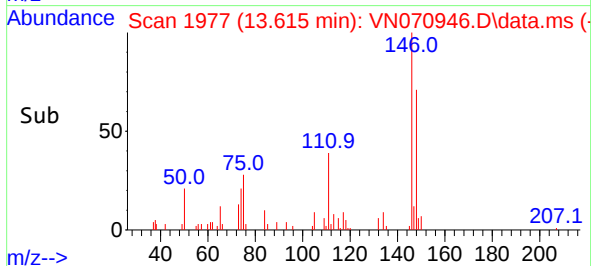
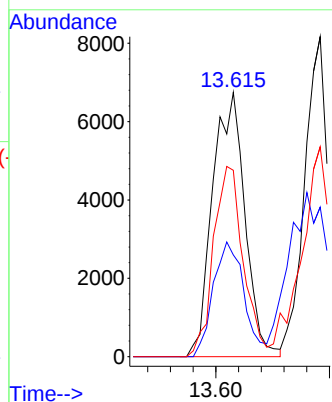
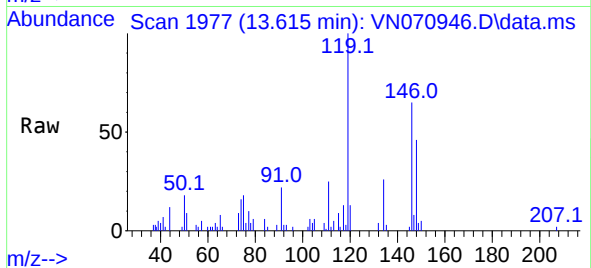
Acq: 15 Feb 2022 12:22

Instrument :

MSVOA\_N

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 13328     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 41.6  | 18.6 55.6 |
| 148         | 66.1  | 31.6 95.0 |



#88

1,4-Dichlorobenzene

Concen: 1.020 ug/l

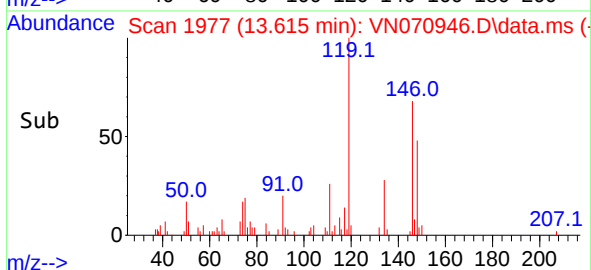
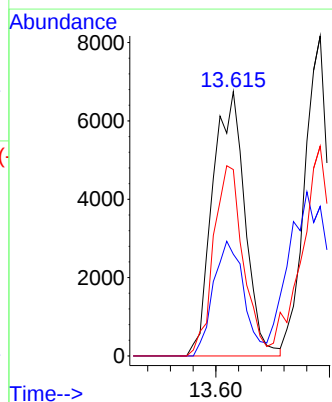
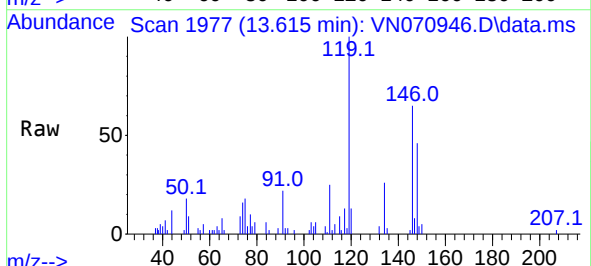
RT: 13.615 min Scan# 1977

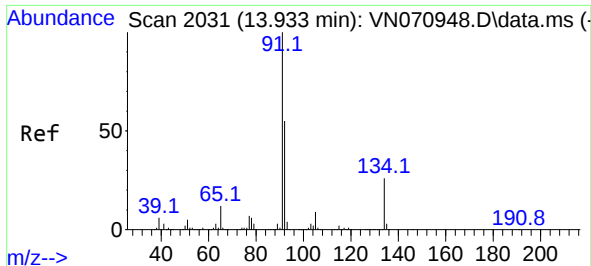
Delta R.T. -0.071 min

Lab File: VN070946.D

Acq: 15 Feb 2022 12:22

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 13328     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 41.6  | 18.3 54.8 |
| 148         | 66.1  | 31.8 95.4 |

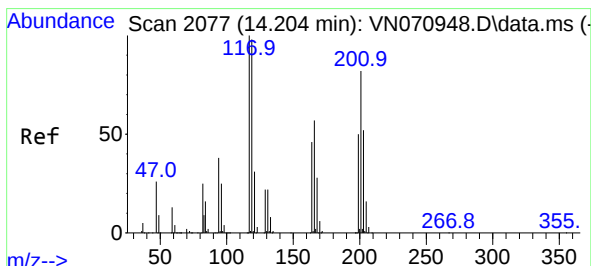
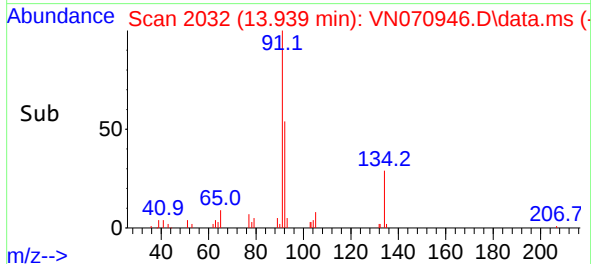
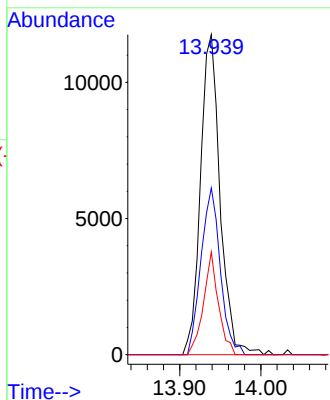
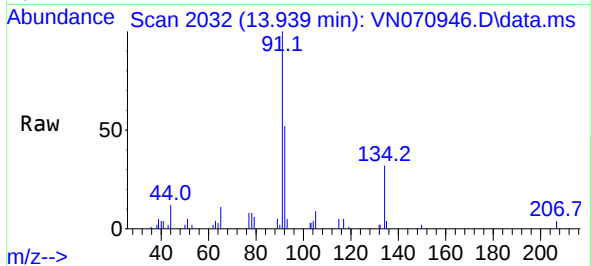




#89  
n-Butylbenzene  
Concen: 0.945 ug/l  
RT: 13.939 min Scan# 2031  
Delta R.T. 0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

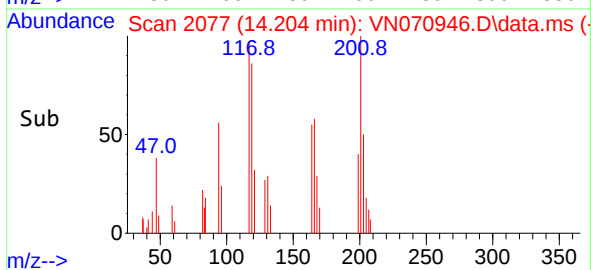
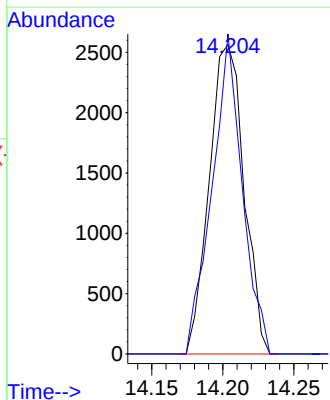
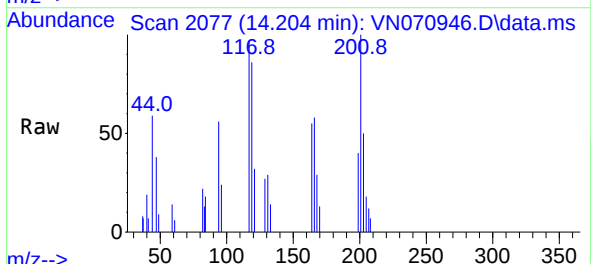
Instrument :  
MSVOA\_N  
ClientSampleId :

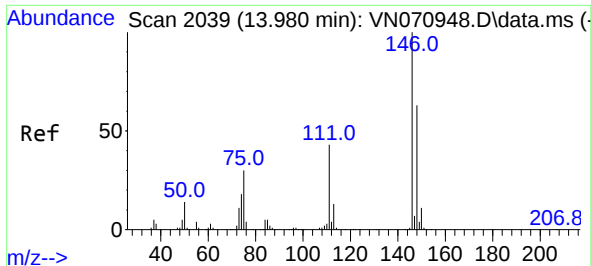
Tgt Ion: 91 Resp: 19723  
Ion Ratio Lower Upper  
91 100  
92 51.2 25.4 76.0  
134 24.4 13.6 40.8



#90  
Hexachloroethane  
Concen: 0.957 ug/l  
RT: 14.204 min Scan# 2077  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

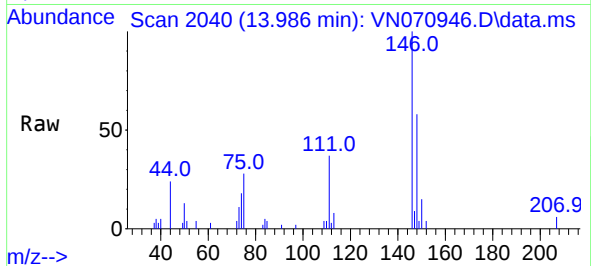
Tgt Ion: 117 Resp: 4372  
Ion Ratio Lower Upper  
117 100  
201 89.7 43.9 131.6



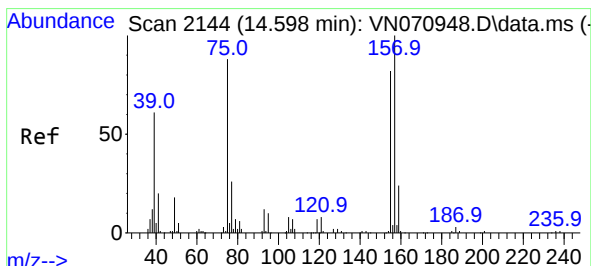
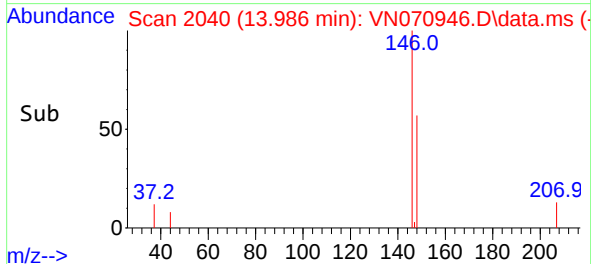
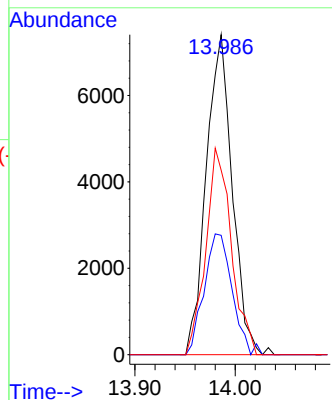


#91  
1,2-Dichlorobenzene  
Concen: 1.067 ug/l  
RT: 13.986 min Scan# 2039  
Delta R.T. 0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :

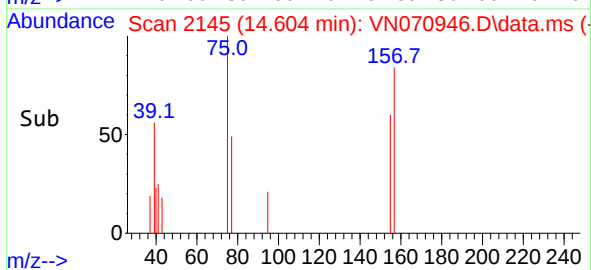
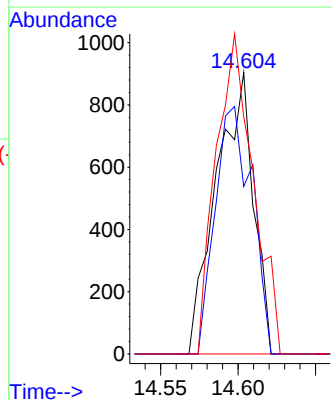
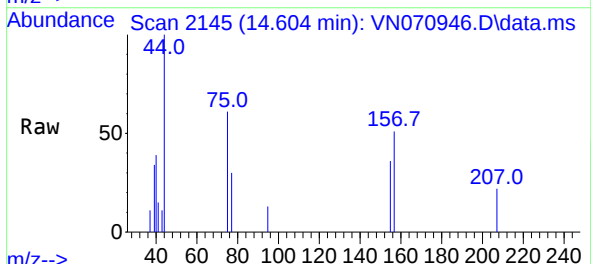


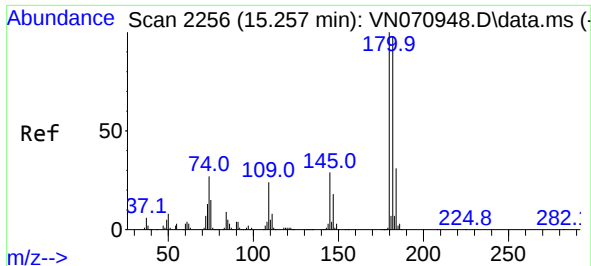
Tgt Ion:146 Resp: 13361  
Ion Ratio Lower Upper  
146 100  
111 40.6 19.1 57.3  
148 63.6 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.953 ug/l  
RT: 14.604 min Scan# 2145  
Delta R.T. 0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

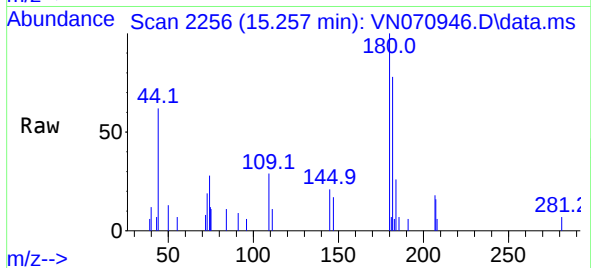
Tgt Ion: 75 Resp: 1510  
Ion Ratio Lower Upper  
75 100  
155 86.7 46.9 140.7  
157 113.5 60.6 181.7



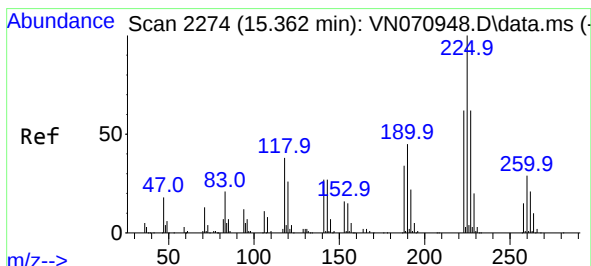
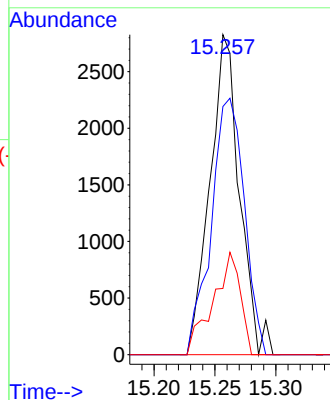
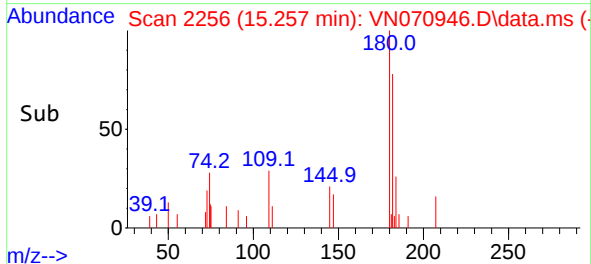


#93  
1,2,4-Trichlorobenzene  
Concen: 2.651 ug/l  
RT: 15.257 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

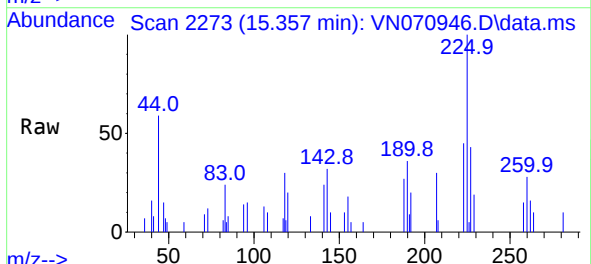
Instrument :  
MSVOA\_N  
ClientSampleId :



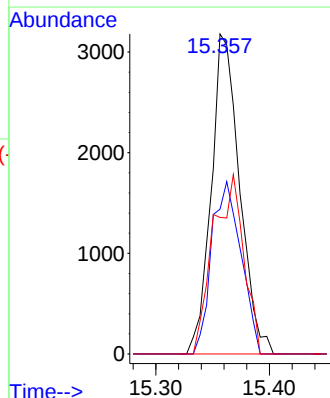
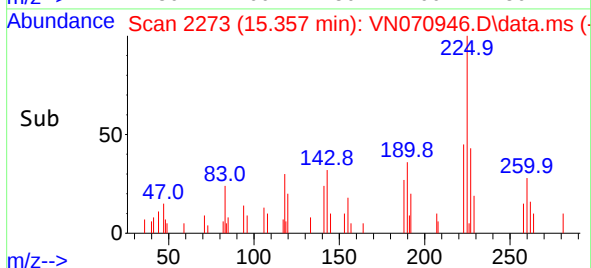
Tgt Ion:180 Resp: 4780  
Ion Ratio Lower Upper  
180 100  
182 89.7 48.3 144.9  
145 29.4 14.5 43.5

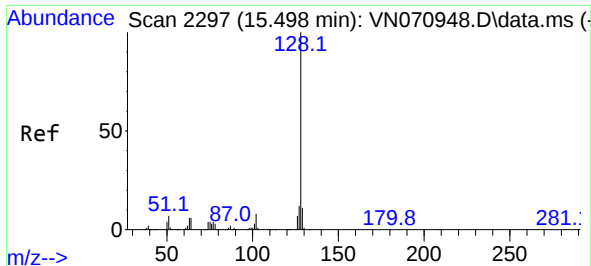


#94  
Hexachlorobutadiene  
Concen: 1.207 ug/l  
RT: 15.357 min Scan# 2273  
Delta R.T. -0.005 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22



Tgt Ion:225 Resp: 5512  
Ion Ratio Lower Upper  
225 100  
223 55.6 31.9 95.7  
227 60.3 32.1 96.3

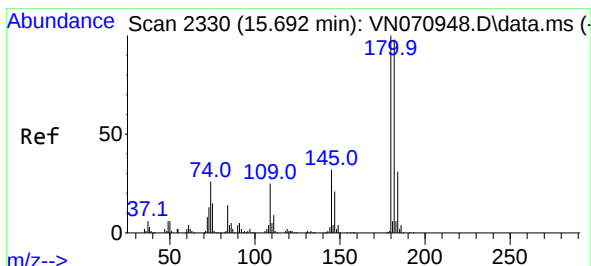
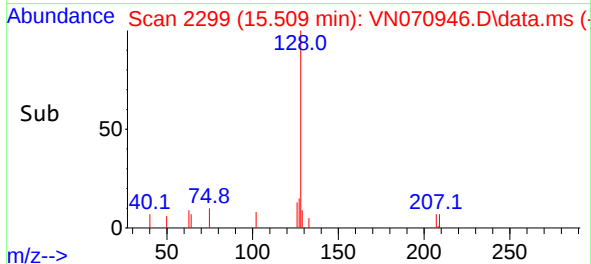
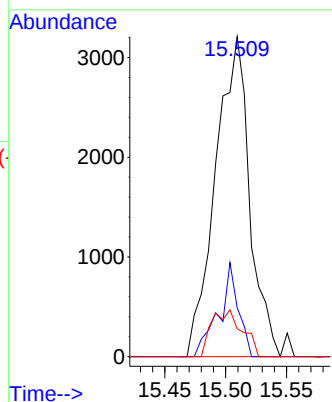
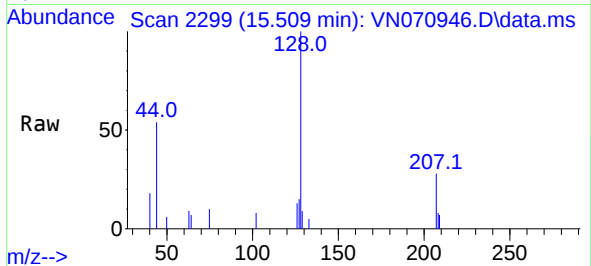




#95  
Naphthalene  
Concen: 5.318 ug/l  
RT: 15.509 min Scan# 21  
Delta R.T. 0.011 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 6245  
Ion Ratio Lower Upper  
128 100  
127 16.8 10.5 15.7#  
129 13.1 8.7 13.1#



#96  
1,2,3-Trichlorobenzene  
Concen: 3.145 ug/l  
RT: 15.698 min Scan# 2331  
Delta R.T. 0.006 min  
Lab File: VN070946.D  
Acq: 15 Feb 2022 12:22

Tgt Ion:180 Resp: 4299  
Ion Ratio Lower Upper  
180 100  
182 97.1 47.4 142.2  
145 34.6 15.0 45.1

