

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021722\  
 Data File : VN070993.D  
 Acq On : 17 Feb 2022 21:18  
 Operator : JC\MD  
 Sample : N1581-07MS  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 GR-OF-20220215MS

Quant Time: Feb 18 00:51:54 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  | 592639   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.963  | 114  | 957321   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.745 | 117  | 895566   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.675 | 152  | 373115   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.434  | 65    | 410015   | 60.565   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 121.140% |      |
| 35) Dibromofluoromethane    | 8.016  | 113   | 325954   | 57.244   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 114.480% |      |
| 50) Toluene-d8              | 10.439 | 98    | 1299995  | 56.850   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 113.700% |      |
| 62) 4-Bromofluorobenzene    | 12.728 | 95    | 449678   | 55.015   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 110.020% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 2.069 | 85  | 324179  | 52.666  | ug/l   | 100 |
| 3) Chloromethane             | 2.299 | 50  | 440515  | 56.937  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.440 | 62  | 412617  | 53.275  | ug/l   | 99  |
| 5) Bromomethane              | 2.828 | 94  | 220194  | 50.047  | ug/l   | 99  |
| 6) Chloroethane              | 3.005 | 64  | 251834  | 49.563  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.363 | 101 | 497205  | 51.226  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.822 | 74  | 213774  | 50.665  | ug/l   | 85  |
| 9) 1,1,2-Trichlorotrifluo... | 4.193 | 101 | 304817  | 51.186  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.405 | 142 | 454184  | 55.069  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 5.393 | 59  | 452000  | 366.360 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 4.163 | 96  | 303523  | 52.314  | ug/l   | 99  |
| 13) Acrolein                 | 4.034 | 56  | 318461  | 288.864 | ug/l   | 100 |
| 14) Allyl chloride           | 4.828 | 41  | 606492  | 54.811  | ug/l # | 87  |
| 15) Acrylonitrile            | 5.557 | 53  | 1256186 | 345.668 | ug/l   | 99  |
| 16) Acetone                  | 4.293 | 43  | 1050247 | 281.697 | ug/l   | 94  |
| 17) Carbon Disulfide         | 4.510 | 76  | 818148  | 49.173  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.857 | 43  | 511298  | 62.786  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.616 | 73  | 1156058 | 56.802  | ug/l   | 96  |
| 20) Methylene Chloride       | 5.087 | 84  | 376646  | 55.587  | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene | 5.581 | 96  | 330094  | 53.007  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.499 | 45  | 1253701 | 59.074  | ug/l   | 92  |
| 23) Vinyl Acetate            | 6.434 | 43  | 5164100 | 287.453 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.381 | 63  | 677896  | 56.981  | ug/l   | 98  |
| 25) 2-Butanone               | 7.340 | 43  | 1729147 | 348.640 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 7.322 | 77  | 441890  | 44.692  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.322 | 96  | 393725  | 55.010  | ug/l   | 95  |
| 28) Bromochloromethane       | 7.657 | 49  | 261521  | 54.312  | ug/l   | 90  |
| 29) Tetrahydrofuran          | 7.687 | 42  | 1166256 | 362.983 | ug/l   | 95  |
| 30) Chloroform               | 7.816 | 83  | 660513  | 56.450  | ug/l   | 99  |
| 31) Cyclohexane              | 8.087 | 56  | 616750  | 52.677  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 8.010 | 97  | 560718  | 55.491  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.216 | 75  | 490545  | 52.583  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.416 | 43  | 616304  | 61.600  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 8.204 | 117 | 489754  | 53.282  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.457 | 83  | 588512  | 49.026  | ug/l   | 96  |
| 40) Benzene                  | 8.457 | 78  | 1508674 | 54.672  | ug/l   | 99  |

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 Sample : N1581-07MS  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 GR-OF-20220215MS

Quant Time: Feb 18 00:51:54 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         | 7.634  | 41   | 349714   | 66.367   | ug/l # | 87       |
| 42) 1,2-Dichloroethane        | 8.528  | 62   | 525908   | 55.958   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.563  | 43   | 947261   | 60.067   | ug/l   | 99       |
| 44) Trichloroethene           | 9.216  | 130  | 370999   | 51.056   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.487  | 63   | 399693   | 56.545   | ug/l   | 99       |
| 46) Dibromomethane            | 9.575  | 93   | 258891   | 55.654   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.763  | 83   | 517343   | 55.028   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.557  | 41   | 454770   | 60.925   | ug/l # | 91       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 196031   | 1478.606 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.328 | 43   | 3362365  | 350.433  | ug/l   | 97       |
| 52) Toluene                   | 10.504 | 92   | 968870   | 55.876   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.716 | 75   | 553571   | 54.151   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.187 | 75   | 592089   | 52.740   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.898 | 97   | 383411   | 56.489   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.757 | 69   | 648815   | 63.445   | ug/l # | 92       |
| 57) 1,3-Dichloropropane       | 11.039 | 76   | 679491   | 57.877   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.069 | 63   | 749      | 32.088   | ug/l # | 45       |
| 59) 2-Hexanone                | 11.086 | 43   | 2466256  | 373.737  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.233 | 129  | 404429   | 56.382   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.345 | 107  | 397617   | 57.595   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.975 | 164  | 327980   | 47.025   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.769 | 112  | 1014302  | 52.560   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.839 | 131  | 379772   | 53.987   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.839 | 91   | 1833291  | 54.278   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.951 | 106  | 1388659  | 106.438  | ug/l   | 99       |
| 69) o-Xylene                  | 12.275 | 106  | 690851   | 54.207   | ug/l   | 99       |
| 70) Styrene                   | 12.292 | 104  | 1110596  | 54.804   | ug/l   | 98       |
| 71) Bromoform                 | 12.457 | 173  | 315166   | 56.255   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.575 | 105  | 1777490  | 59.185   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.386 | 43   | 645751   | 67.266   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.822 | 83   | 617369   | 64.690   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.875 | 75   | 736777   | 83.867   | ug/l   | 68       |
| 77) Bromobenzene              | 12.857 | 156  | 426141   | 57.962   | ug/l   | 86       |
| 78) n-propylbenzene           | 12.916 | 91   | 1957409  | 58.009   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.004 | 91   | 1205773  | 58.842   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 1420884  | 58.398   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.622 | 75   | 165766   | 61.145   | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 13.104 | 91   | 1120300  | 56.321   | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.322 | 119  | 1271104  | 55.086   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 1400632  | 58.479   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.498 | 105  | 1705583  | 56.095   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 1398473  | 56.028   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.610 | 146  | 689215   | 52.957   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.692 | 146  | 668093   | 52.394   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.939 | 91   | 1037230  | 50.934   | ug/l   | 97       |
| 90) Hexachloroethane          | 14.210 | 117  | 262836   | 58.964   | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 673663   | 55.123   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 111009   | 71.792   | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.263 | 180  | 325150   | 47.440   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.369 | 225  | 184177   | 41.327   | ug/l   | 99       |
| 95) Naphthalene               | 15.504 | 128  | 964759   | 57.054   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.698 | 180  | 333914   | 52.591   | ug/l   | 99       |

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Sample : N1581-07MS  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 23 Sample Multiplier: 1

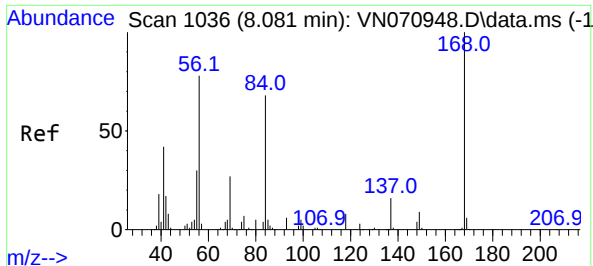
Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

Quant Time: Feb 18 00:51:54 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) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

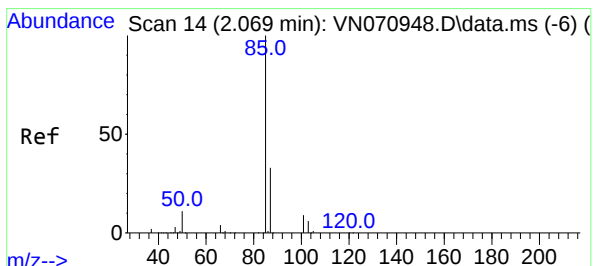
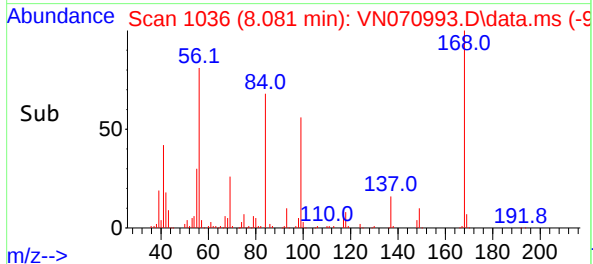
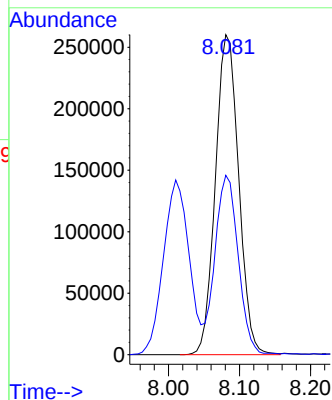
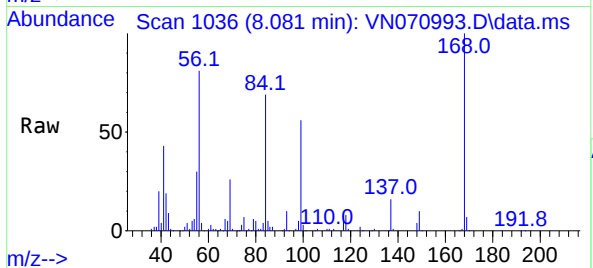




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

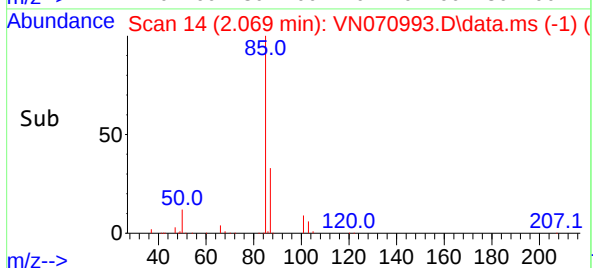
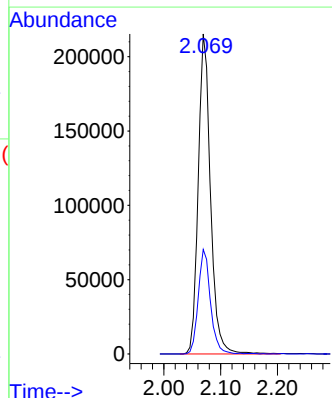
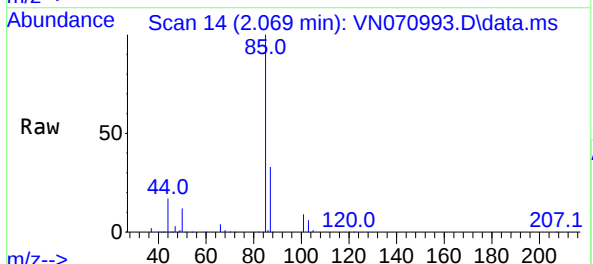
Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

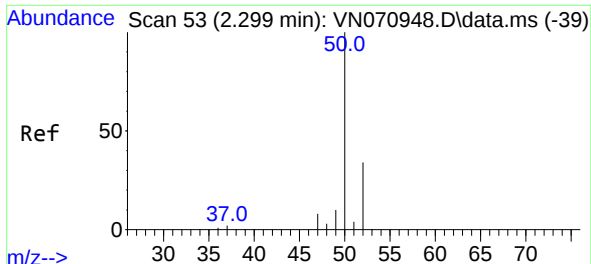
Tgt Ion:168 Resp: 592639  
Ion Ratio Lower Upper  
168 100  
99 55.8 41.3 61.9



#2  
Dichlorodifluoromethane  
Concen: 52.666 ug/l  
RT: 2.069 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 85 Resp: 324179  
Ion Ratio Lower Upper  
85 100  
87 32.7 16.3 48.9

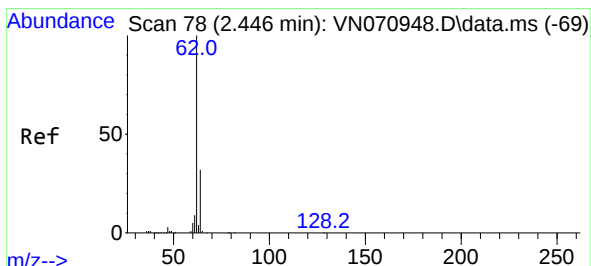
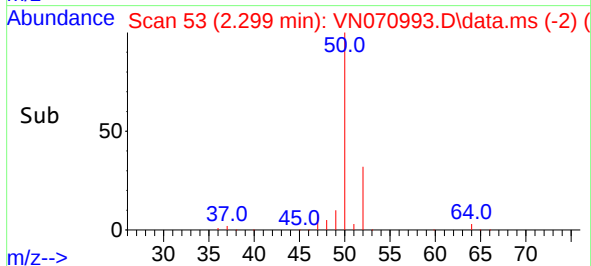
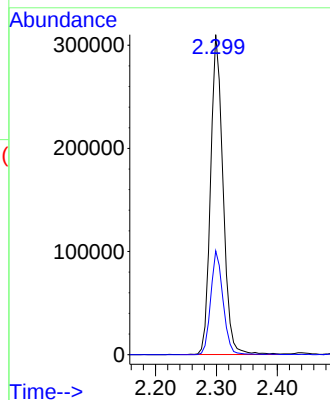
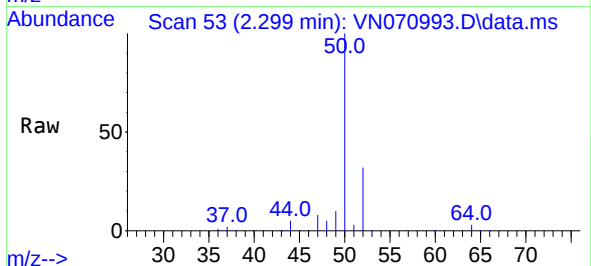




#3  
Chloromethane  
Concen: 56.937 ug/l  
RT: 2.299 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

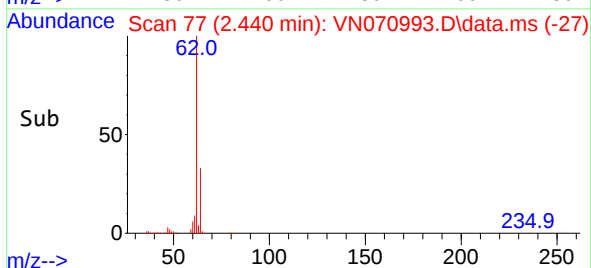
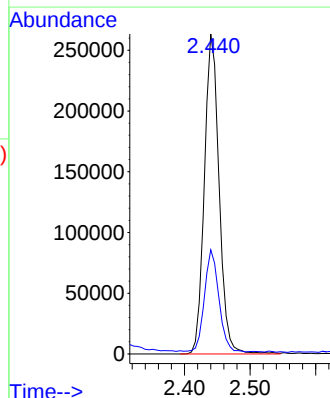
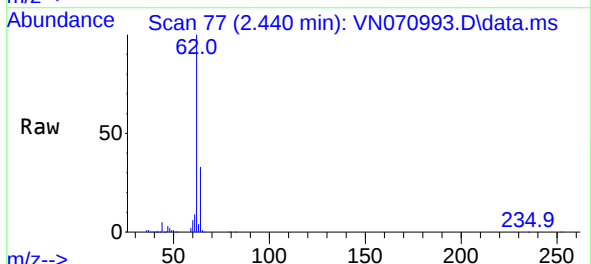
Instrument :  
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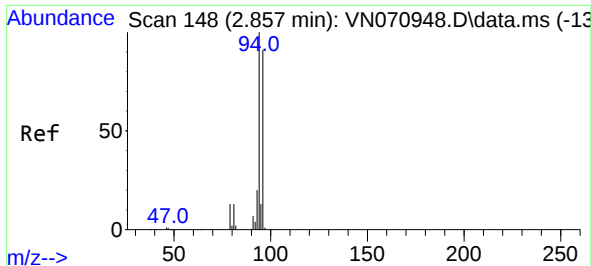
Tgt Ion: 50 Resp: 440515  
Ion Ratio Lower Upper  
50 100  
52 32.5 25.4 38.0



#4  
Vinyl Chloride  
Concen: 53.275 ug/l  
RT: 2.440 min Scan# 77  
Delta R.T. -0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 62 Resp: 412617  
Ion Ratio Lower Upper  
62 100  
64 31.8 25.8 38.6

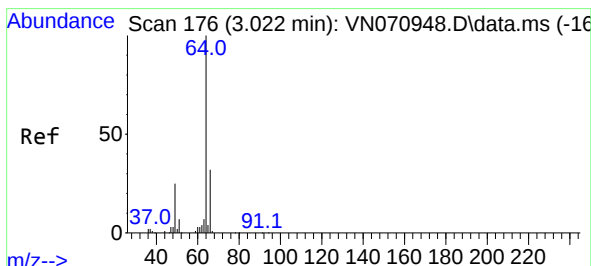
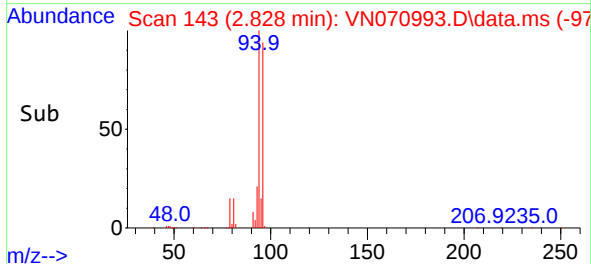
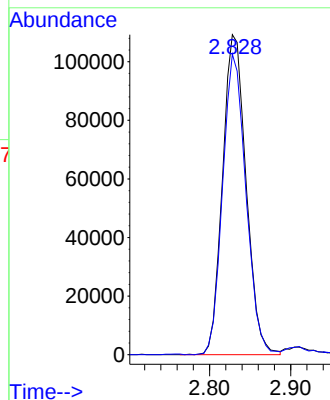
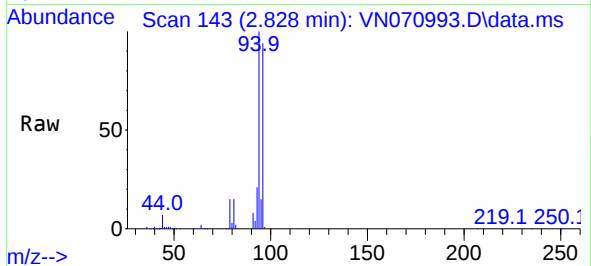




#5  
Bromomethane  
Concen: 50.047 ug/l  
RT: 2.828 min Scan# 148  
Delta R.T. -0.029 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

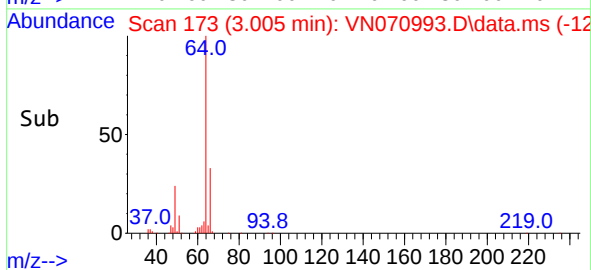
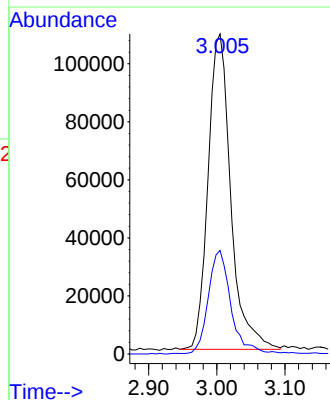
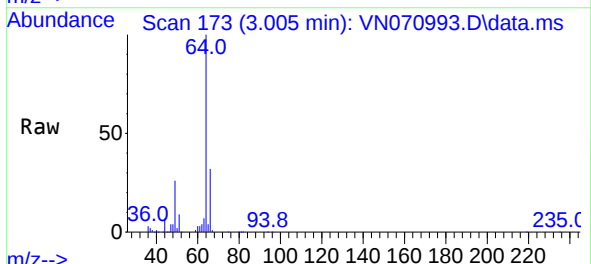
Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

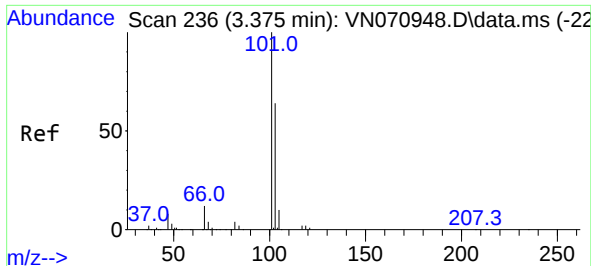
Tgt Ion: 94 Resp: 220194  
Ion Ratio Lower Upper  
94 100  
96 93.7 73.8 110.8



#6  
Chloroethane  
Concen: 49.563 ug/l  
RT: 3.005 min Scan# 173  
Delta R.T. -0.017 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 64 Resp: 251834  
Ion Ratio Lower Upper  
64 100  
66 32.6 26.3 39.5

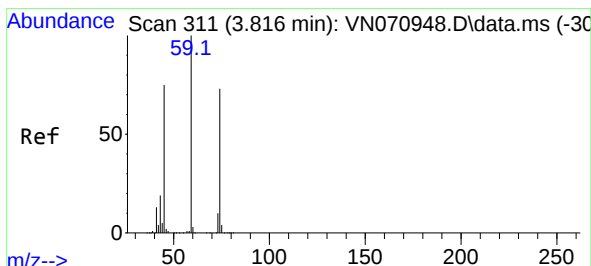
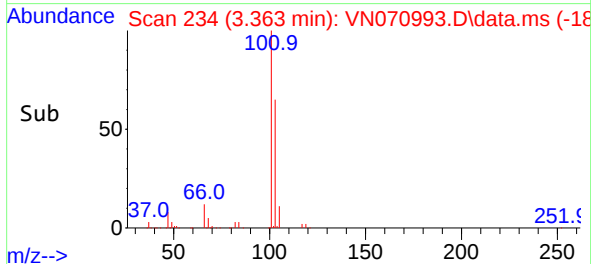
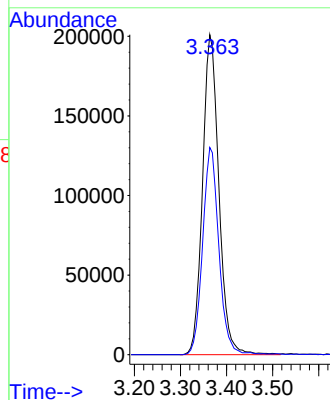
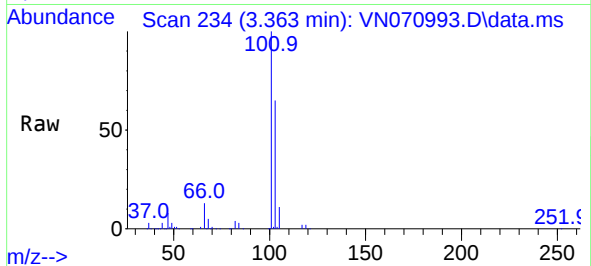




#7  
 Trichlorofluoromethane  
 Concen: 51.226 ug/l  
 RT: 3.363 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: VN070993.D  
 Acq: 17 Feb 2022 21:18

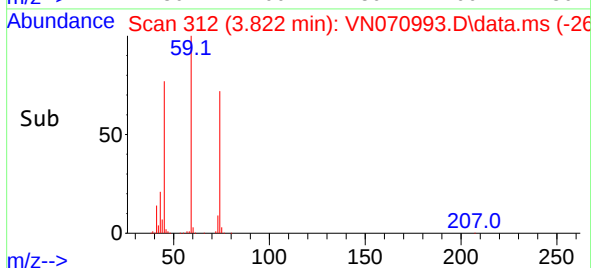
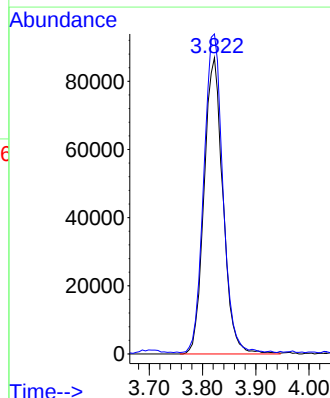
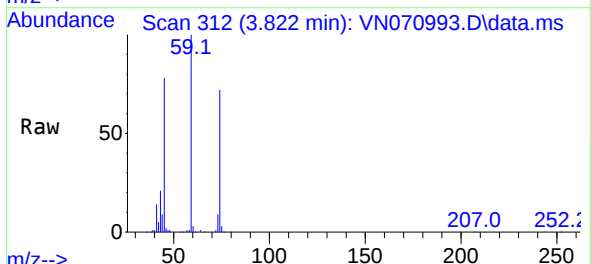
Instrument :  
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 ClientSampleId :  
 GR-OF-20220215MS

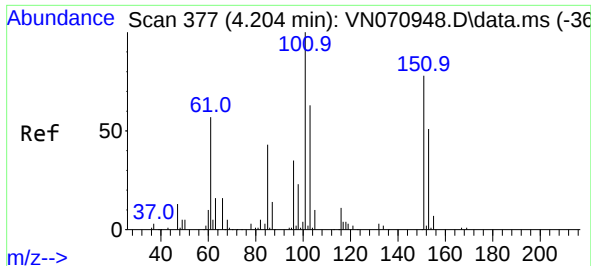
Tgt Ion:101 Resp: 497205  
 Ion Ratio Lower Upper  
 101 100  
 103 64.8 50.1 75.1



#8  
 Diethyl Ether  
 Concen: 50.665 ug/l  
 RT: 3.822 min Scan# 312  
 Delta R.T. 0.006 min  
 Lab File: VN070993.D  
 Acq: 17 Feb 2022 21:18

Tgt Ion: 74 Resp: 213774  
 Ion Ratio Lower Upper  
 74 100  
 45 108.1 47.0 141.2

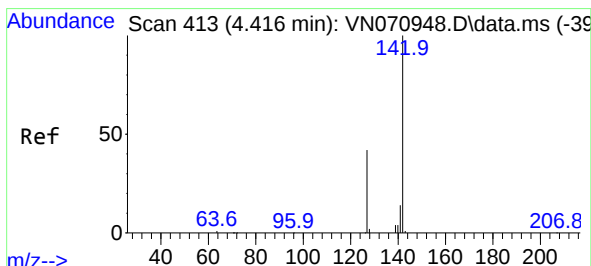
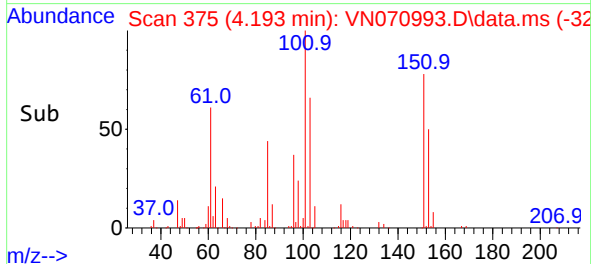
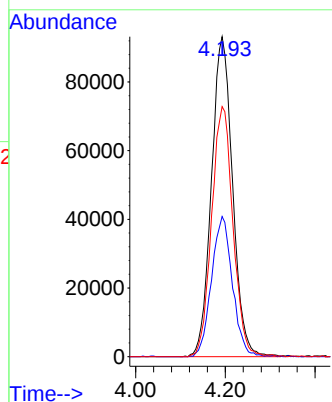
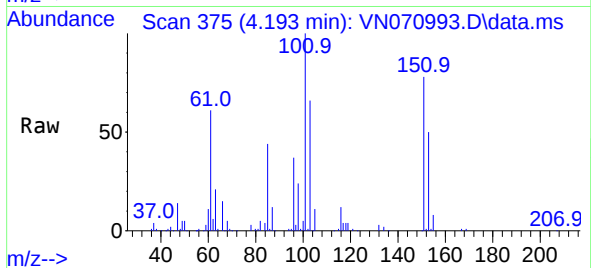




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.186 ug/l  
RT: 4.193 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

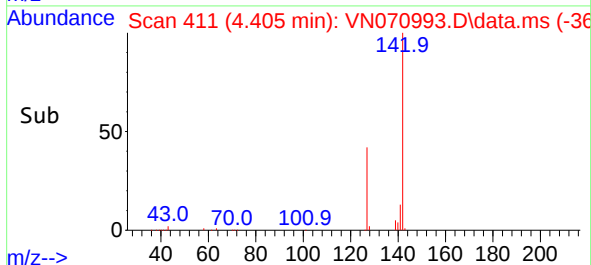
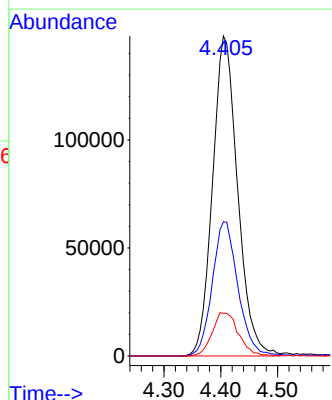
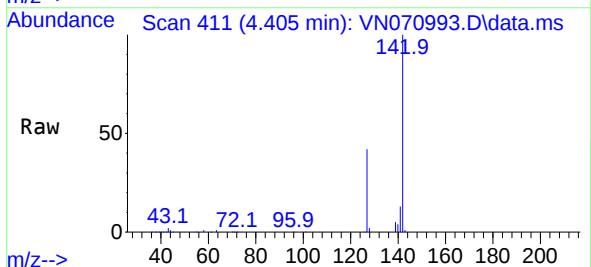
Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

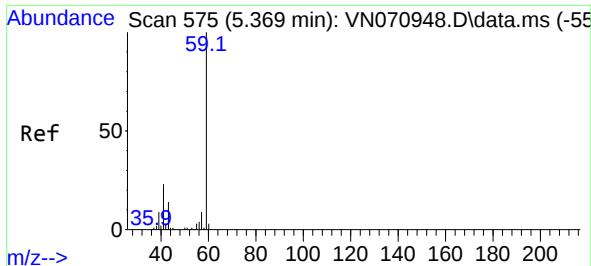
Tgt Ion:101 Resp: 304817  
Ion Ratio Lower Upper  
101 100  
85 43.4 37.2 55.8  
151 78.8 65.9 98.9



#10  
Methyl Iodide  
Concen: 55.069 ug/l  
RT: 4.405 min Scan# 411  
Delta R.T. -0.012 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion:142 Resp: 454184  
Ion Ratio Lower Upper  
142 100  
127 43.1 35.4 53.0  
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 366.360 ug/l

RT: 5.393 min Scan# 5

Delta R.T. 0.024 min

Lab File: VN070993.D

Acq: 17 Feb 2022 21:18

Instrument :

MSVOA\_N

ClientSampleId :

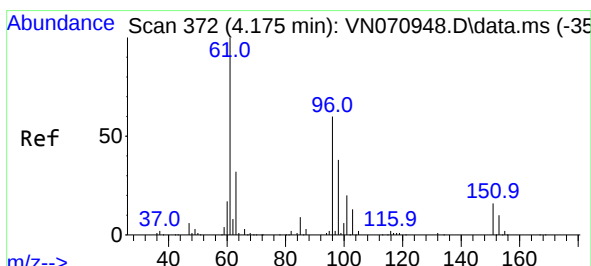
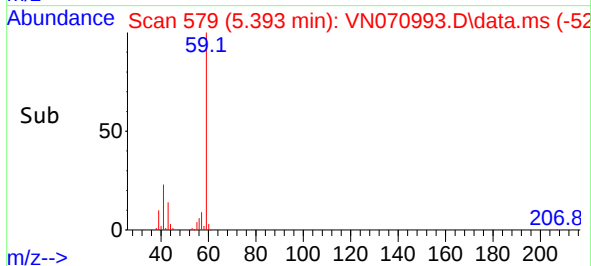
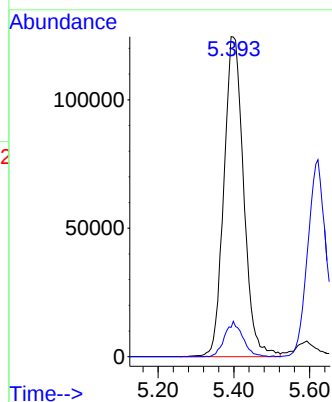
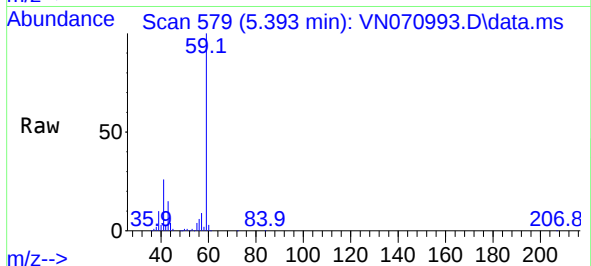
GR-OF-20220215MS

Tgt Ion: 59 Resp: 452000

Ion Ratio Lower Upper

59 100

57 10.1 8.7 13.1



#12

1,1-Dichloroethene

Concen: 52.314 ug/l

RT: 4.163 min Scan# 370

Delta R.T. -0.012 min

Lab File: VN070993.D

Acq: 17 Feb 2022 21:18

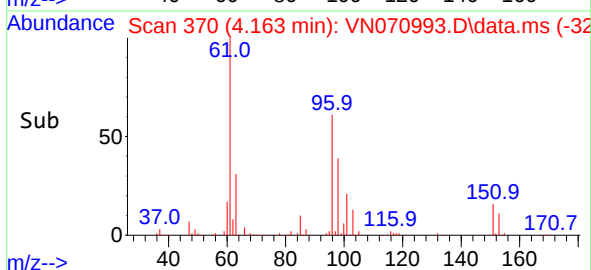
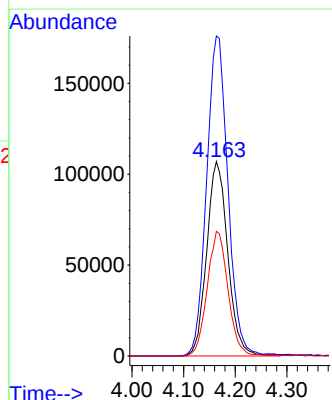
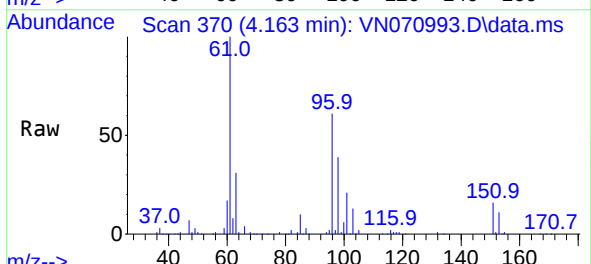
Tgt Ion: 96 Resp: 303523

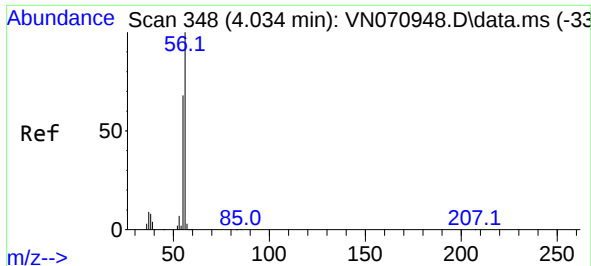
Ion Ratio Lower Upper

96 100

61 164.4 131.0 196.6

98 64.1 52.4 78.6

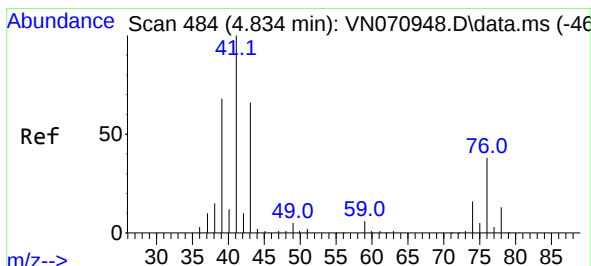
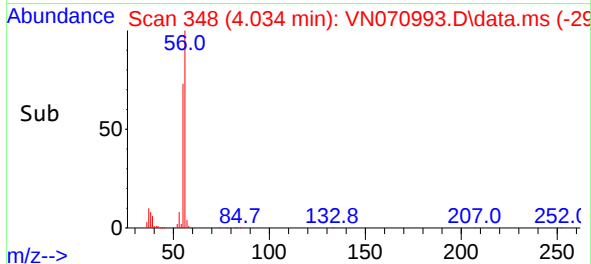
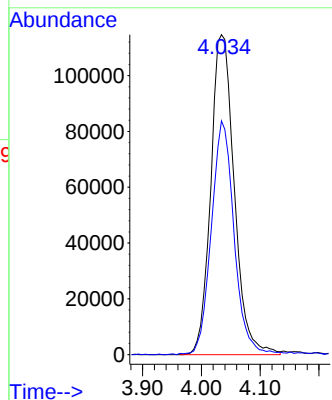
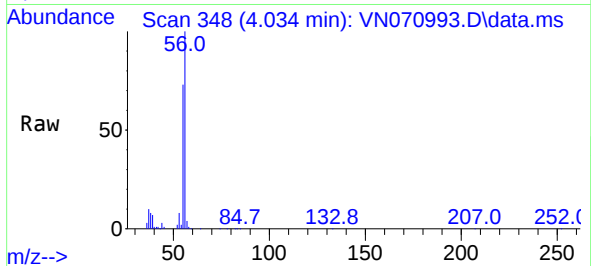




#13  
Acrolein  
Concen: 288.864 ug/l  
RT: 4.034 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

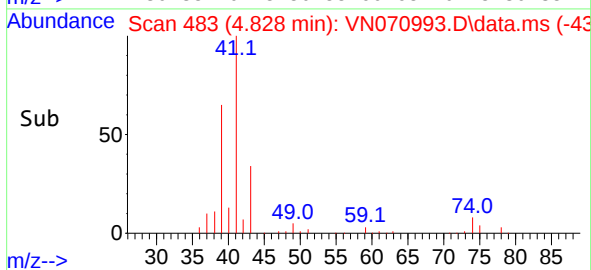
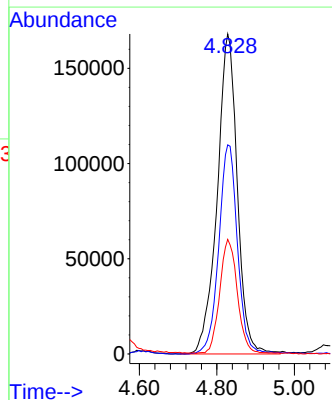
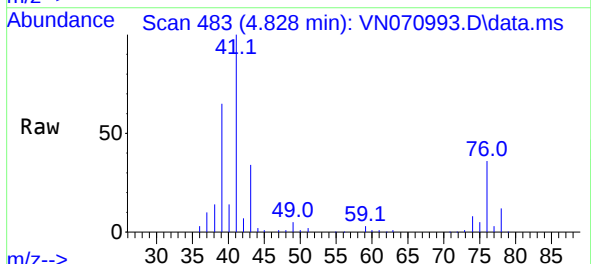
Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

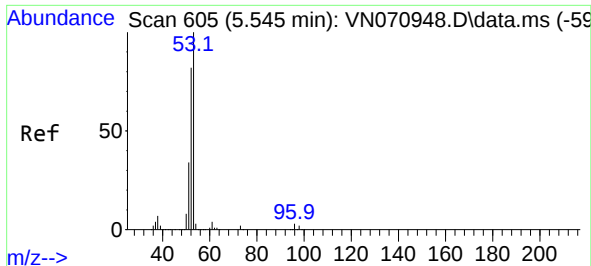
Tgt Ion: 56 Resp: 318461  
Ion Ratio Lower Upper  
56 100  
55 70.9 56.6 85.0



#14  
Allyl chloride  
Concen: 54.811 ug/l  
RT: 4.828 min Scan# 483  
Delta R.T. -0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

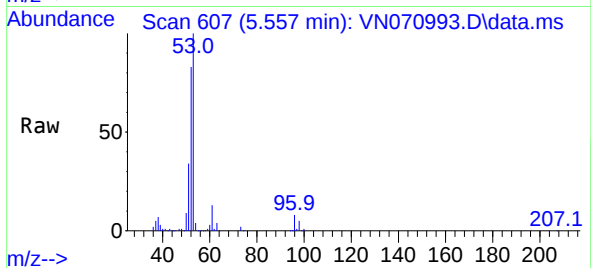
Tgt Ion: 41 Resp: 606492  
Ion Ratio Lower Upper  
41 100  
39 60.9 61.2 91.8#  
76 31.1 26.0 39.0





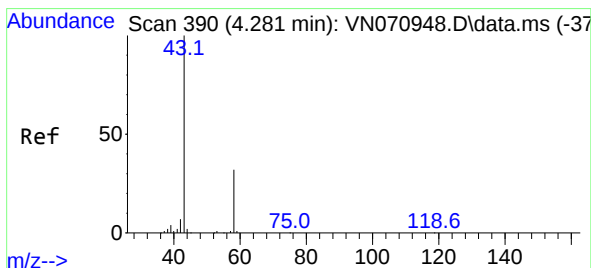
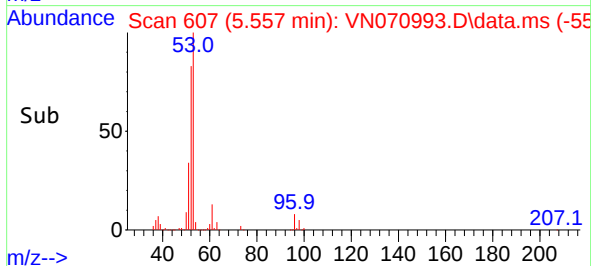
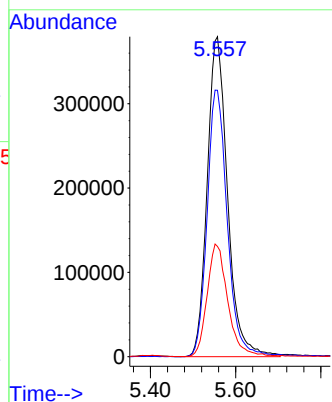
#15  
Acrylonitrile  
Concen: 345.668 ug/l  
RT: 5.557 min Scan# 605  
Delta R.T. 0.012 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS



Tgt Ion: 53 Resp: 1256186

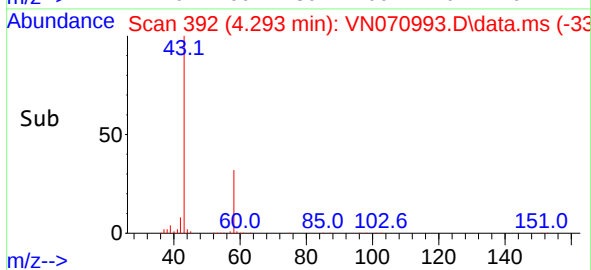
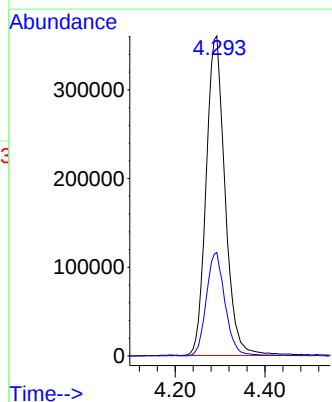
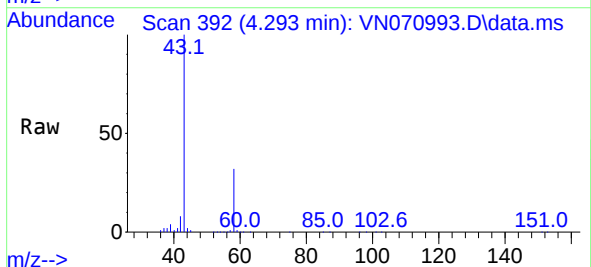
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.6  | 66.2  | 99.2  |
| 51  | 36.0  | 29.6  | 44.4  |

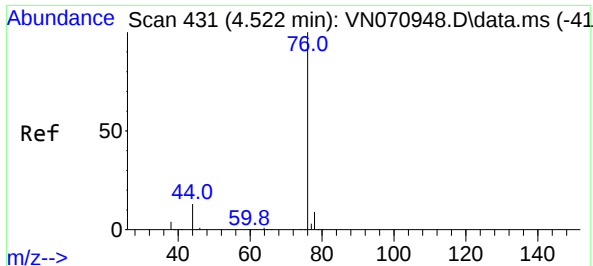


#16  
Acetone  
Concen: 281.697 ug/l  
RT: 4.293 min Scan# 392  
Delta R.T. 0.012 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 43 Resp: 1050247

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 32.3  | 23.1  | 34.7  |

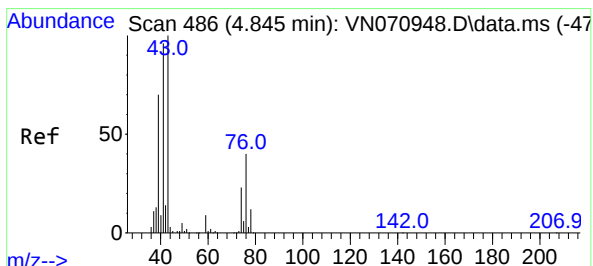
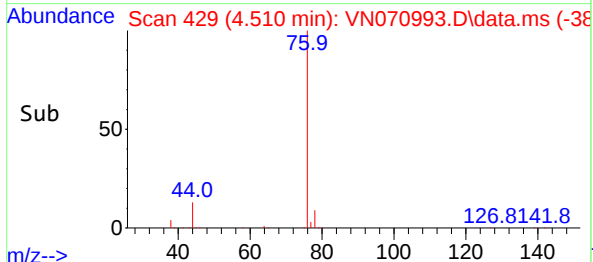
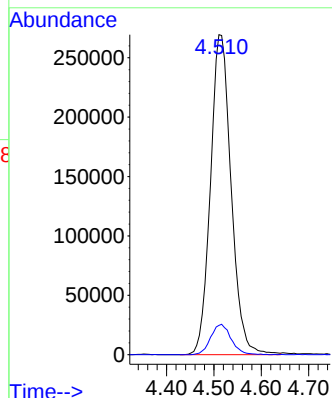
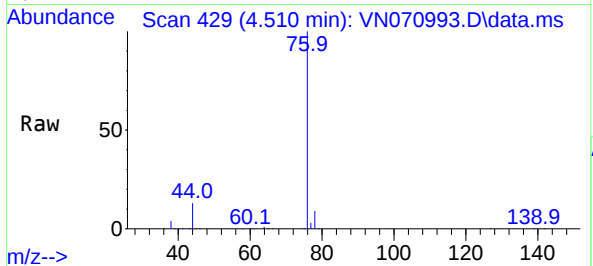




#17  
Carbon Disulfide  
Concen: 49.173 ug/l  
RT: 4.510 min Scan# 431  
Delta R.T. -0.012 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

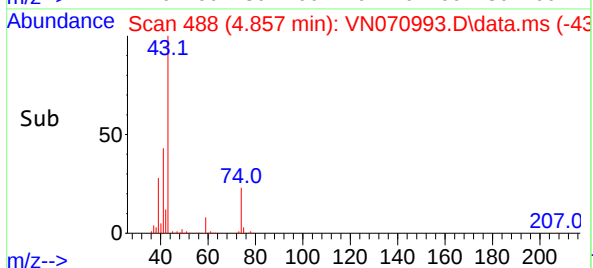
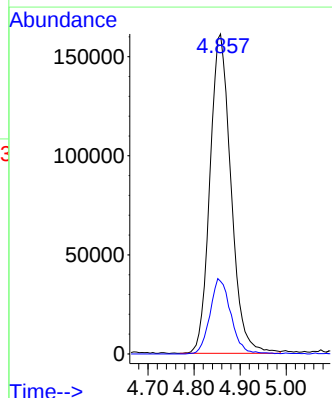
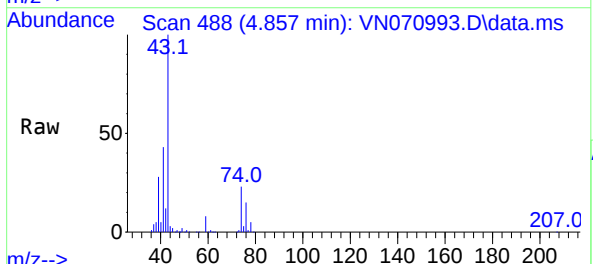
Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

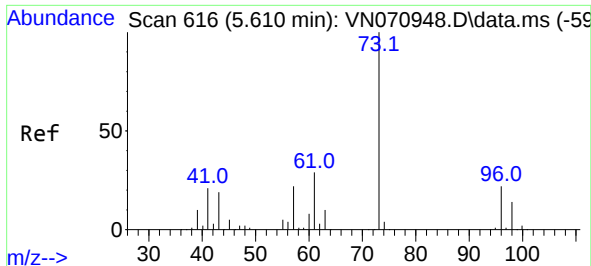
Tgt Ion: 76 Resp: 818148  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.5 11.3



#18  
Methyl Acetate  
Concen: 62.786 ug/l  
RT: 4.857 min Scan# 488  
Delta R.T. 0.012 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 43 Resp: 511298  
Ion Ratio Lower Upper  
43 100  
74 23.4 19.4 29.2

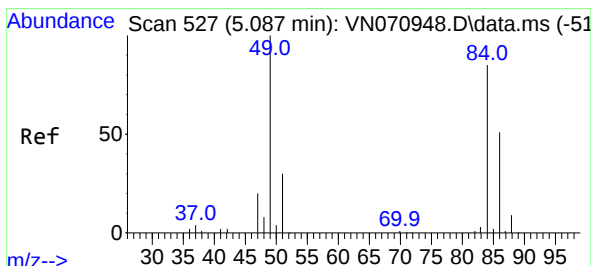
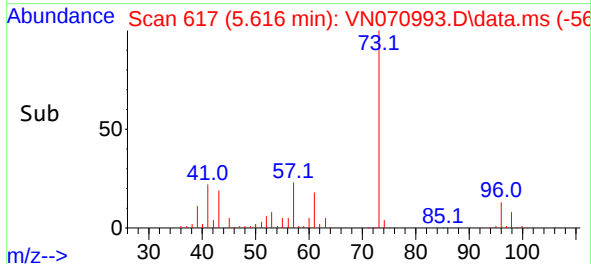
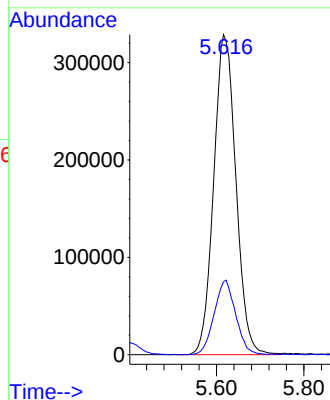
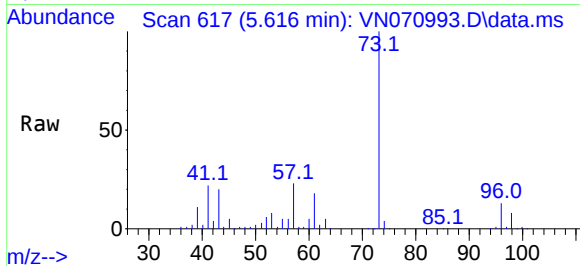




#19  
Methyl tert-butyl Ether  
Concen: 56.802 ug/l  
RT: 5.616 min Scan# 616  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

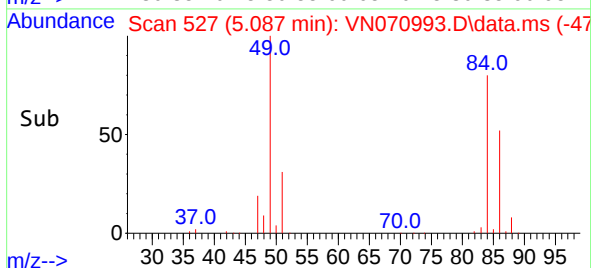
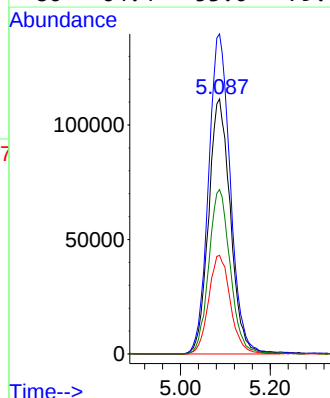
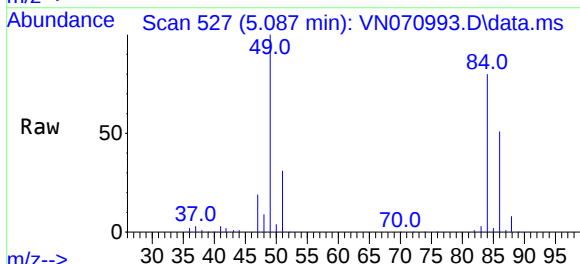
Instrument :  
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ClientSampleId :  
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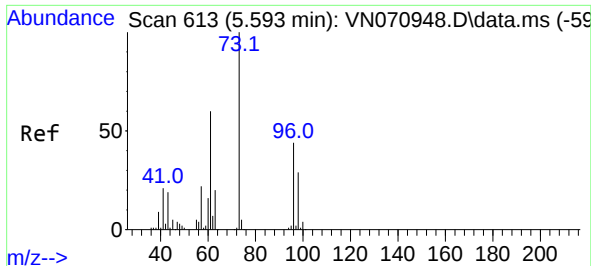
Tgt Ion: 73 Resp: 1156058  
Ion Ratio Lower Upper  
73 100  
57 22.8 16.8 25.2



#20  
Methylene Chloride  
Concen: 55.587 ug/l  
RT: 5.087 min Scan# 527  
Delta R.T. 0.000 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 84 Resp: 376646  
Ion Ratio Lower Upper  
84 100  
49 125.5 93.5 140.3  
51 38.6 29.4 44.2  
86 64.4 53.0 79.4

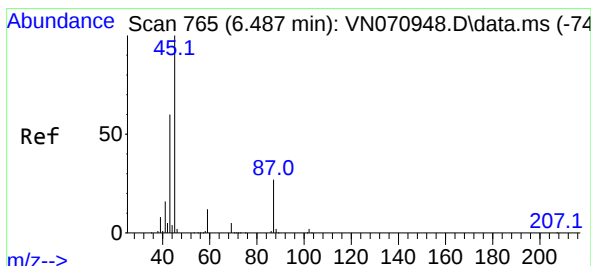
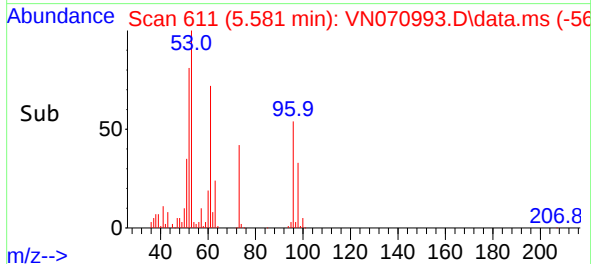
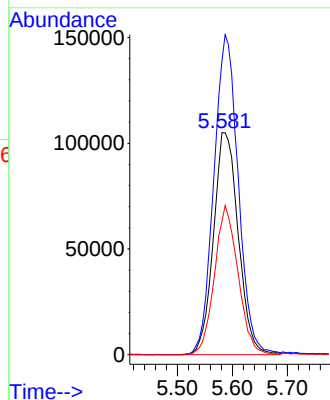
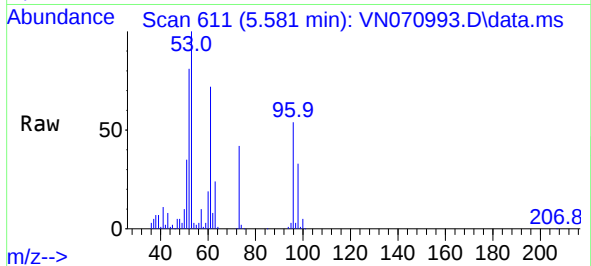




#21  
trans-1,2-Dichloroethene  
Concen: 53.007 ug/l  
RT: 5.581 min Scan# 611  
Delta R.T. -0.012 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

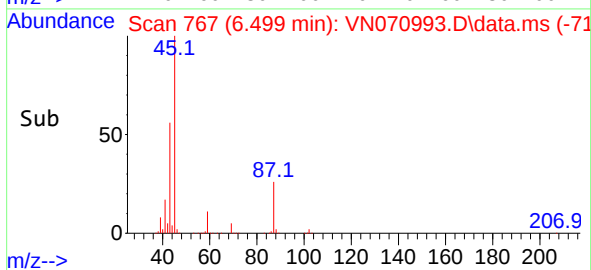
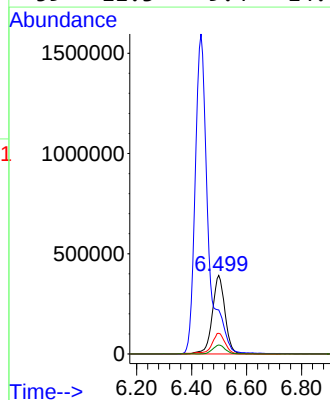
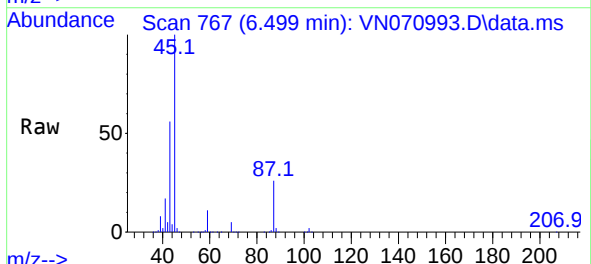
Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

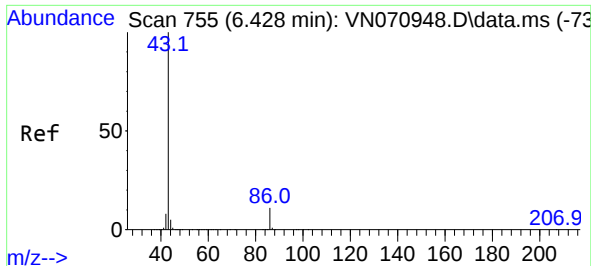
Tgt Ion: 96 Resp: 330094  
Ion Ratio Lower Upper  
96 100  
61 132.4 105.8 158.6  
98 60.0 52.0 78.0



#22  
Diisopropyl ether  
Concen: 59.074 ug/l  
RT: 6.499 min Scan# 767  
Delta R.T. 0.012 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 45 Resp: 1253701  
Ion Ratio Lower Upper  
45 100  
43 55.9 51.7 77.5  
87 26.4 23.2 34.8  
59 11.3 9.4 14.0

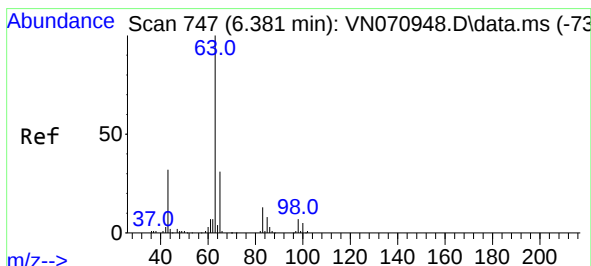
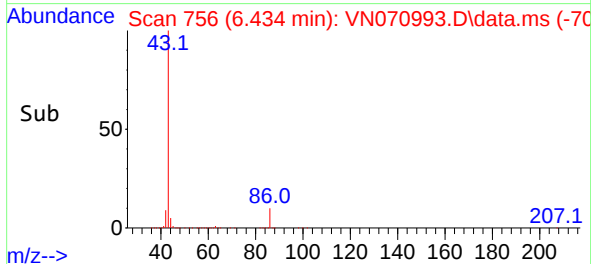
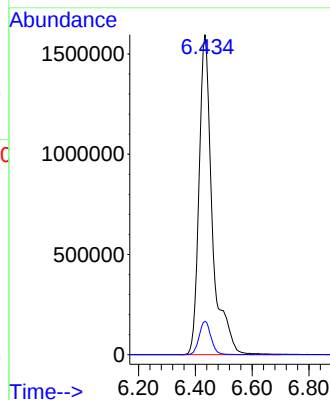
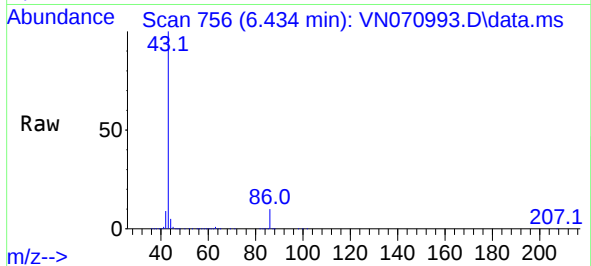




#23  
 Vinyl Acetate  
 Concen: 287.453 ug/l  
 RT: 6.434 min Scan# 756  
 Delta R.T. 0.006 min  
 Lab File: VN070993.D  
 Acq: 17 Feb 2022 21:18

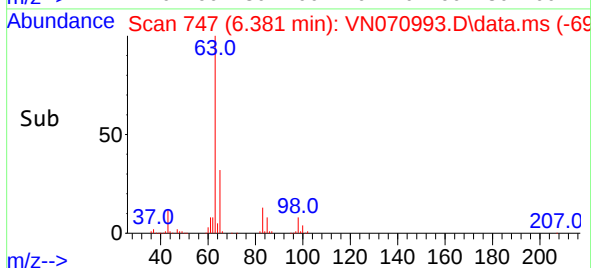
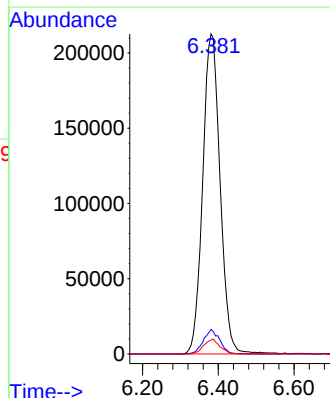
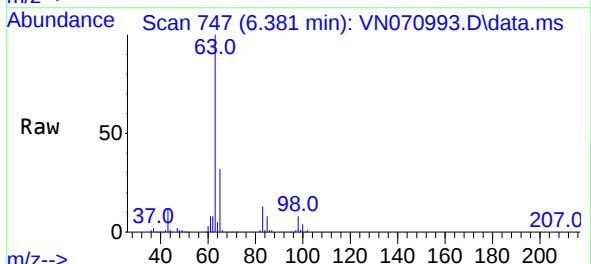
Instrument :  
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 GR-OF-20220215MS

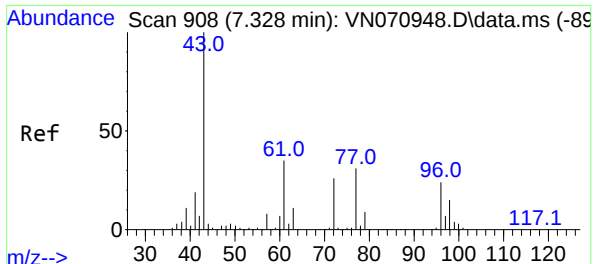
Tgt Ion: 43 Resp: 5164100  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 56.981 ug/l  
 RT: 6.381 min Scan# 747  
 Delta R.T. 0.000 min  
 Lab File: VN070993.D  
 Acq: 17 Feb 2022 21:18

Tgt Ion: 63 Resp: 677896  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.3 9.9  
 100 4.3 2.1 6.5

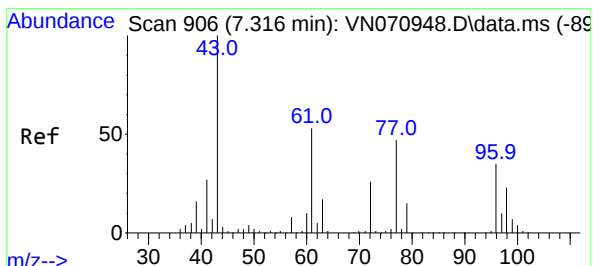
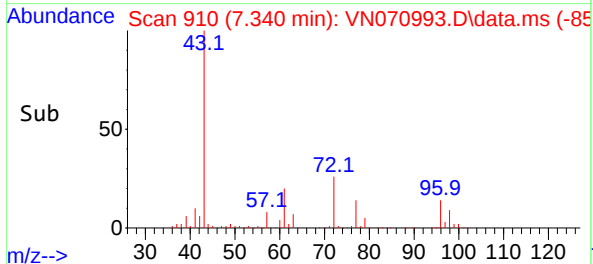
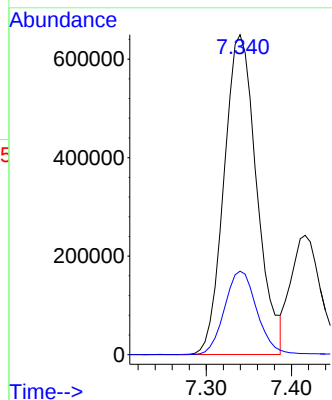
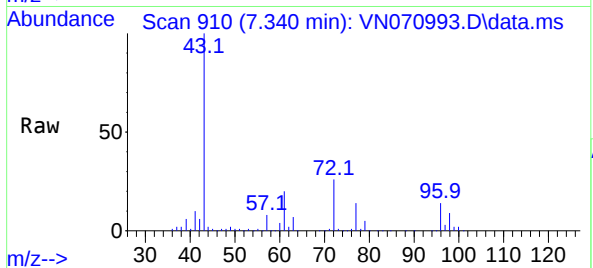




#25  
2-Butanone  
Concen: 348.640 ug/l  
RT: 7.340 min Scan# 910  
Delta R.T. 0.012 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

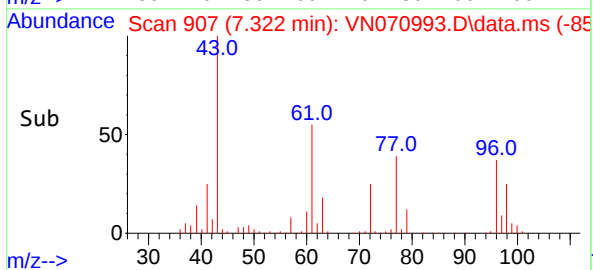
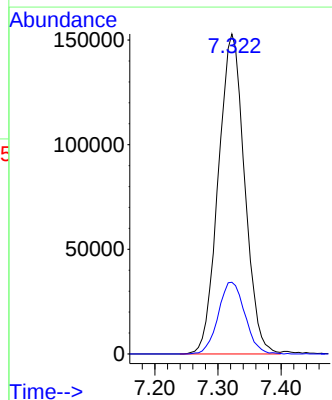
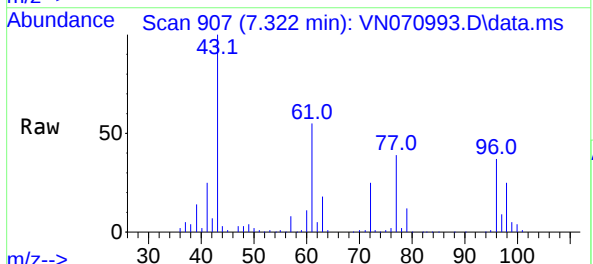
Instrument :  
MSVOA\_N  
ClientSampleId :  
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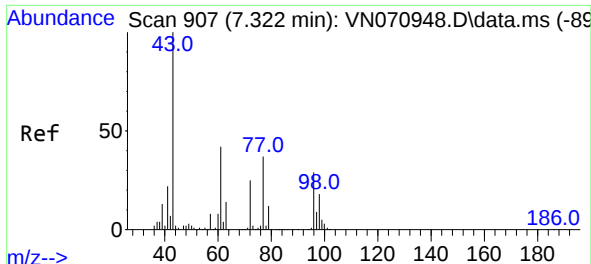
Tgt Ion: 43 Resp: 1729147  
Ion Ratio Lower Upper  
43 100  
72 26.1 21.7 32.5



#26  
2,2-Dichloropropane  
Concen: 44.692 ug/l  
RT: 7.322 min Scan# 907  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 77 Resp: 441890  
Ion Ratio Lower Upper  
77 100  
97 22.8 11.6 34.8

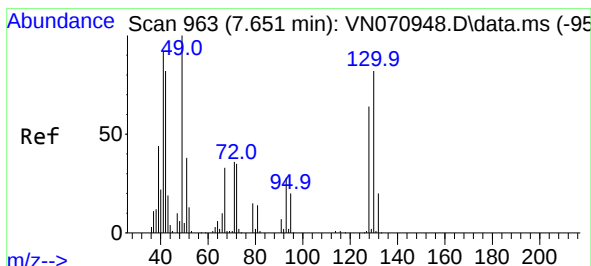
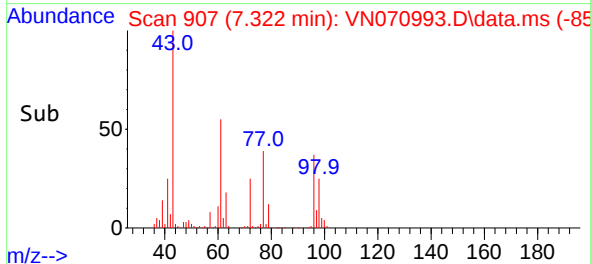
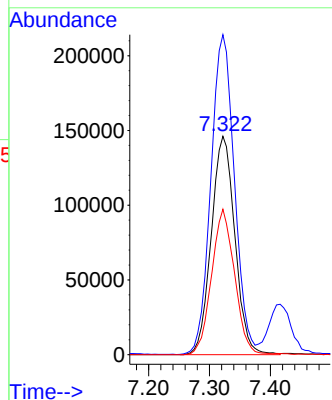
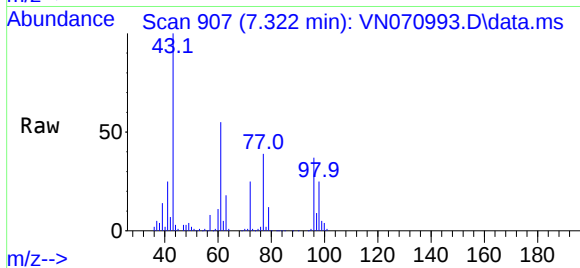




#27  
 cis-1,2-Dichloroethene  
 Concen: 55.010 ug/l  
 RT: 7.322 min Scan# 907  
 Delta R.T. 0.000 min  
 Lab File: VN070993.D  
 Acq: 17 Feb 2022 21:18

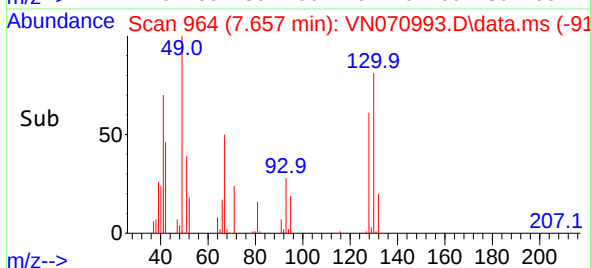
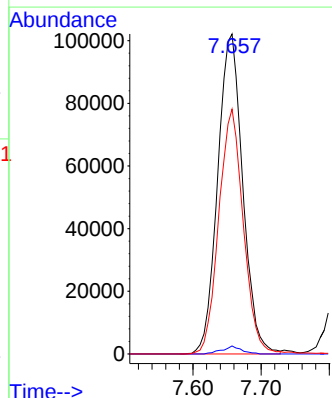
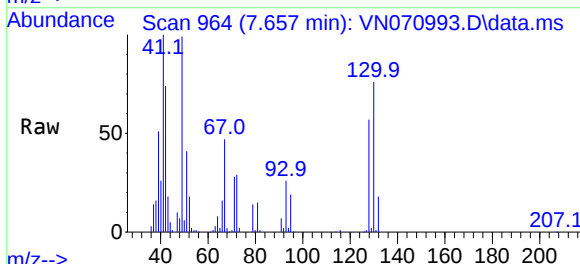
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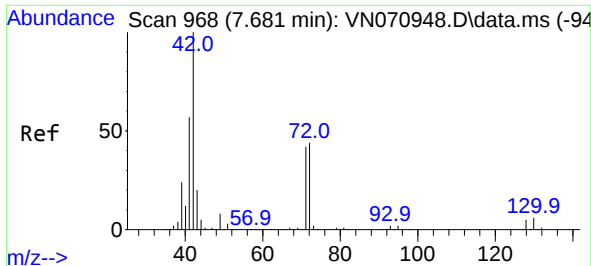
Tgt Ion: 96 Resp: 393725  
 Ion Ratio Lower Upper  
 96 100  
 61 145.5 0.0 275.0  
 98 64.7 0.0 129.6



#28  
 Bromochloromethane  
 Concen: 54.312 ug/l  
 RT: 7.657 min Scan# 964  
 Delta R.T. 0.006 min  
 Lab File: VN070993.D  
 Acq: 17 Feb 2022 21:18

Tgt Ion: 49 Resp: 261521  
 Ion Ratio Lower Upper  
 49 100  
 129 1.9 0.0 4.0  
 130 75.1 67.8 101.8

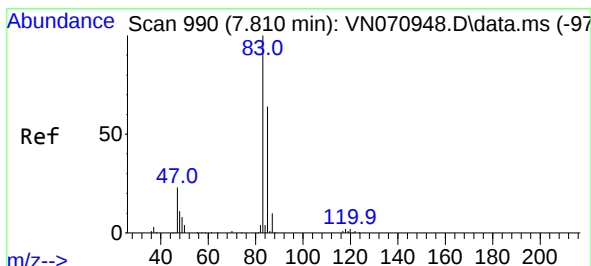
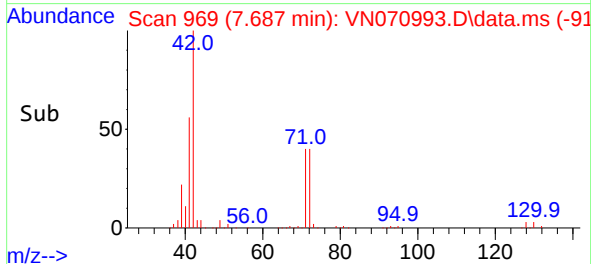
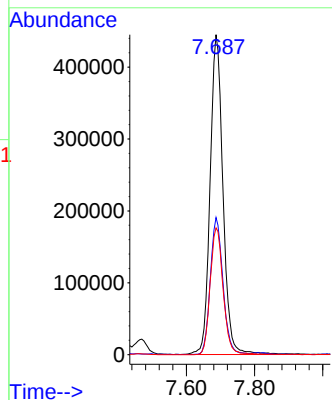
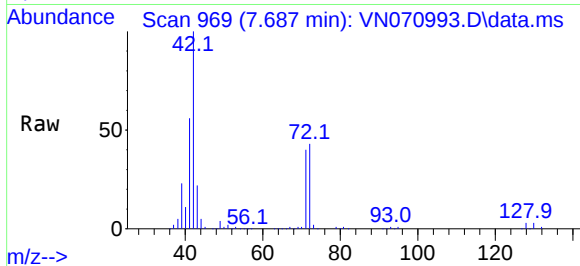




#29  
Tetrahydrofuran  
Concen: 362.983 ug/l  
RT: 7.687 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

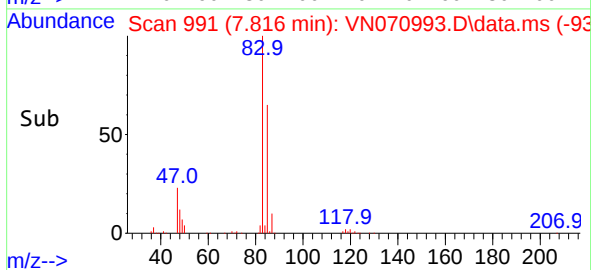
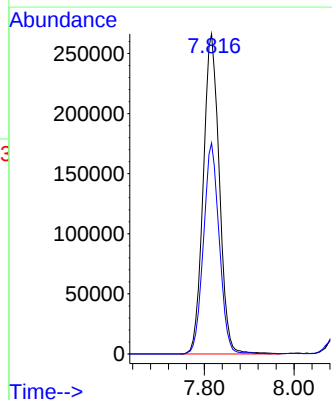
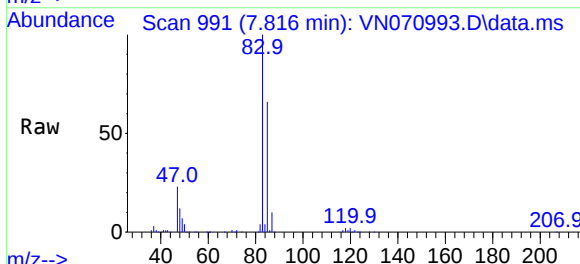
Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

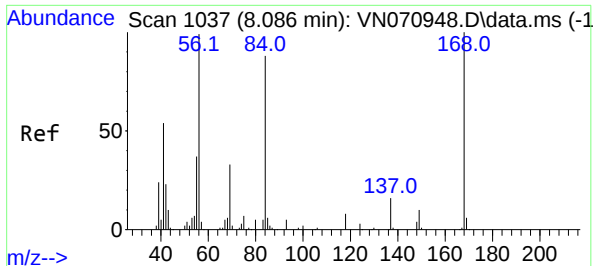
Tgt Ion: 42 Resp: 1166256  
Ion Ratio Lower Upper  
42 100  
72 42.1 36.3 54.5  
71 39.7 34.7 52.1



#30  
Chloroform  
Concen: 56.450 ug/l  
RT: 7.816 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

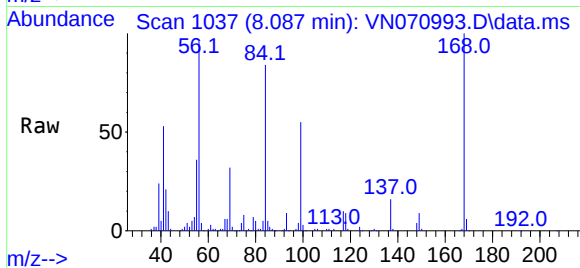
Tgt Ion: 83 Resp: 660513  
Ion Ratio Lower Upper  
83 100  
85 65.9 51.9 77.9



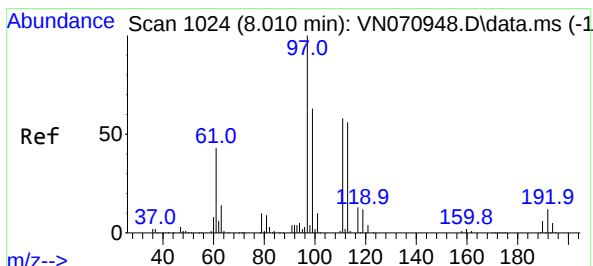
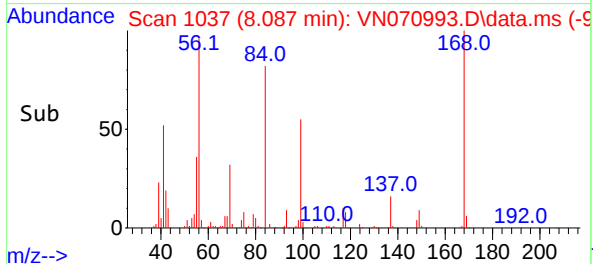
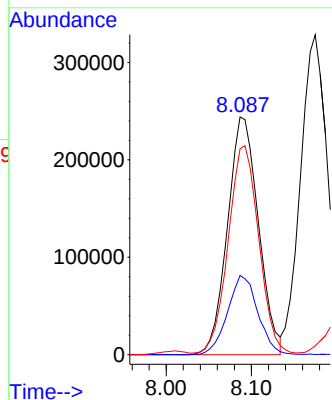


#31  
Cyclohexane  
Concen: 52.677 ug/l  
RT: 8.087 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

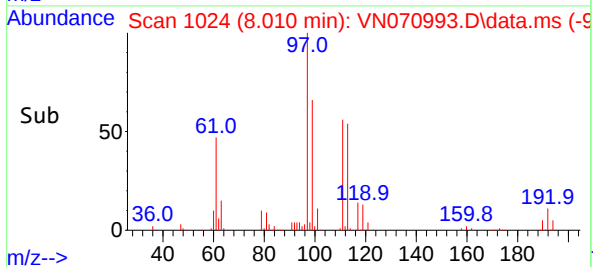
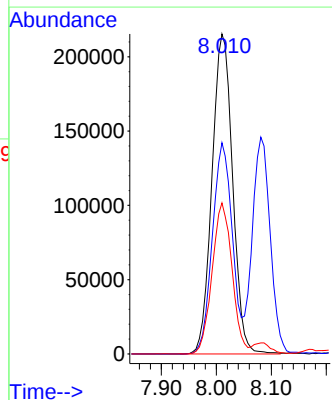
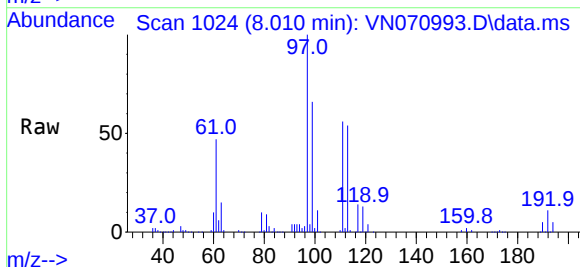


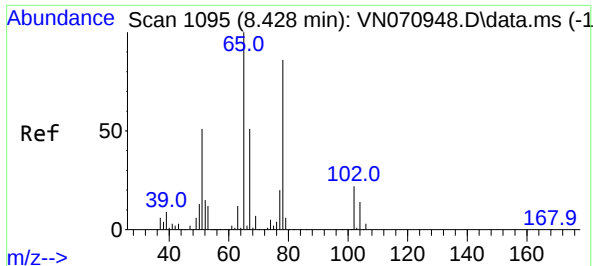
Tgt Ion: 56 Resp: 616750  
Ion Ratio Lower Upper  
56 100  
69 33.3 27.1 40.7  
84 85.2 73.4 110.0



#32  
1,1,1-Trichloroethane  
Concen: 55.491 ug/l  
RT: 8.010 min Scan# 1024  
Delta R.T. 0.000 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 97 Resp: 560718  
Ion Ratio Lower Upper  
97 100  
99 63.5 50.1 75.1  
61 45.6 35.2 52.8

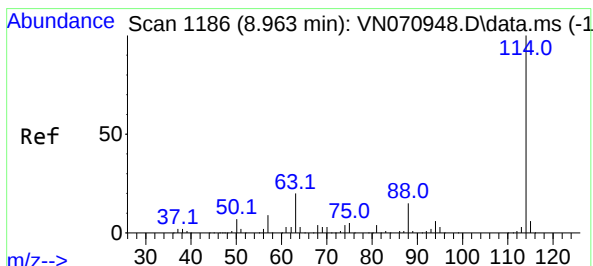
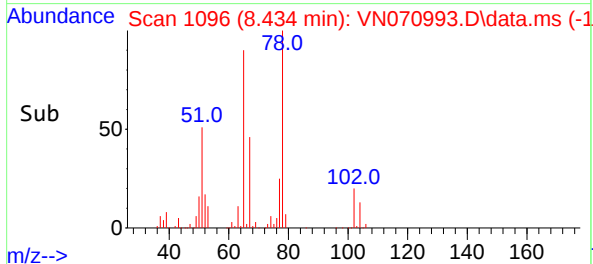
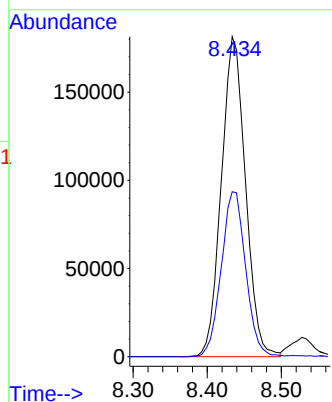
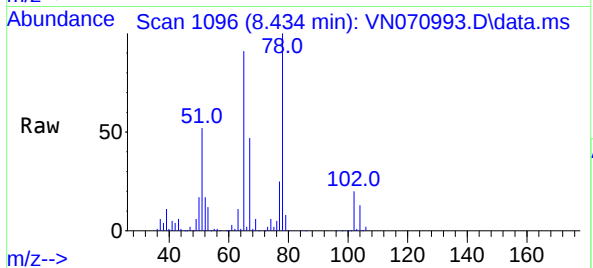




#33  
1,2-Dichloroethane-d4  
Concen: 60.565 ug/l  
RT: 8.434 min Scan# 1095  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

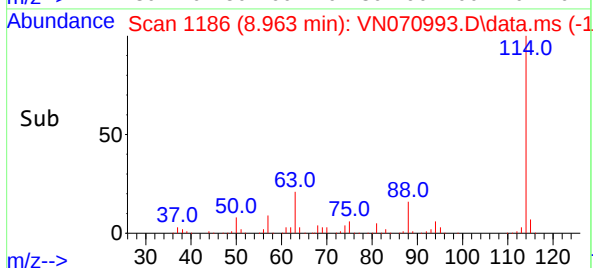
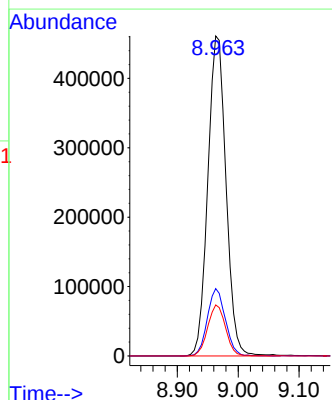
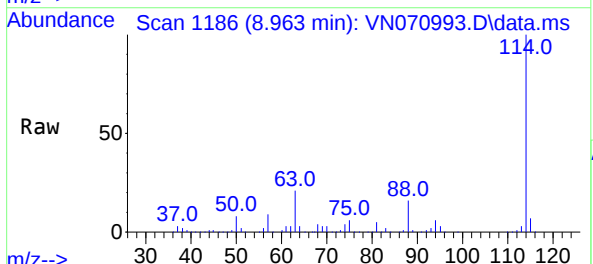
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ClientSampleId :  
GR-OF-20220215MS

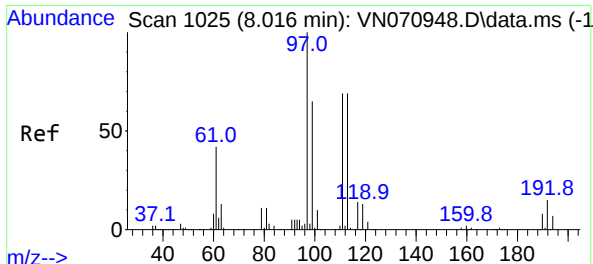
Tgt Ion: 65 Resp: 410015  
Ion Ratio Lower Upper  
65 100  
67 52.1 0.0 103.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 114 Resp: 957321  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 37.8  
88 15.9 0.0 27.4

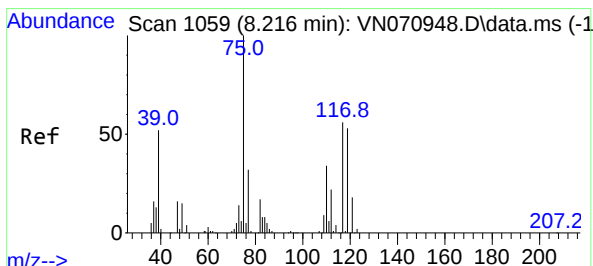
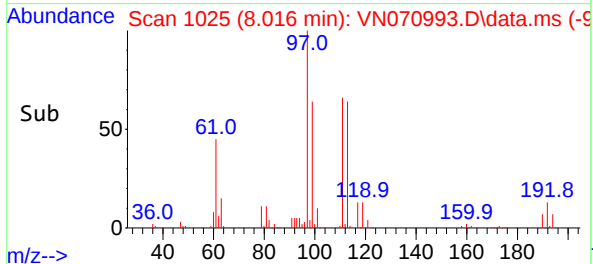
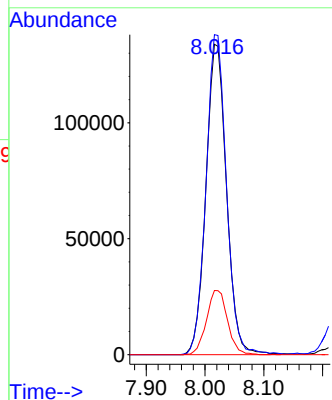
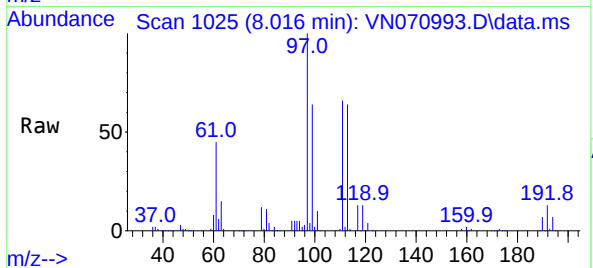




#35  
Dibromofluoromethane  
Concen: 57.244 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. 0.000 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

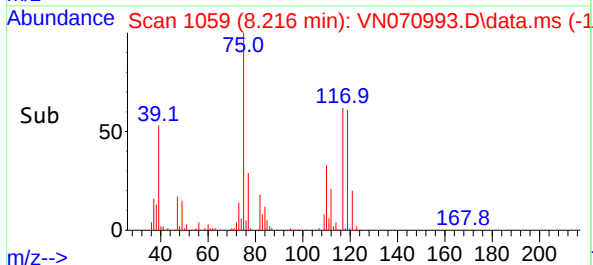
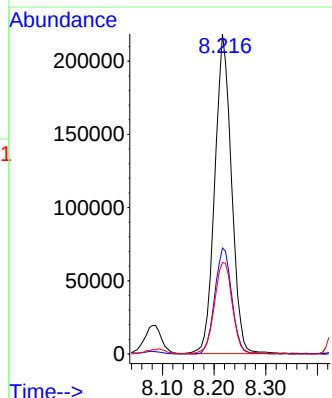
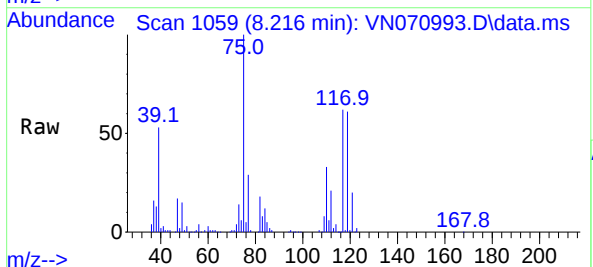
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ClientSampleId :  
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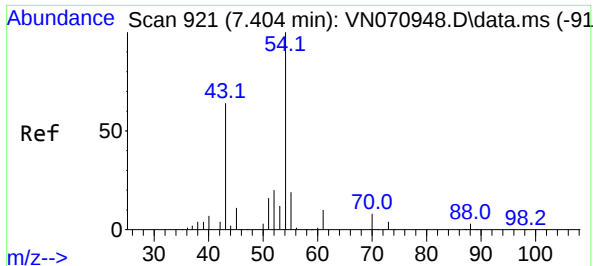
Tgt Ion:113 Resp: 325954  
Ion Ratio Lower Upper  
113 100  
111 102.2 82.2 123.2  
192 21.1 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 52.583 ug/l  
RT: 8.216 min Scan# 1059  
Delta R.T. 0.000 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 75 Resp: 490545  
Ion Ratio Lower Upper  
75 100  
110 33.5 18.4 55.2  
77 30.8 24.4 36.6

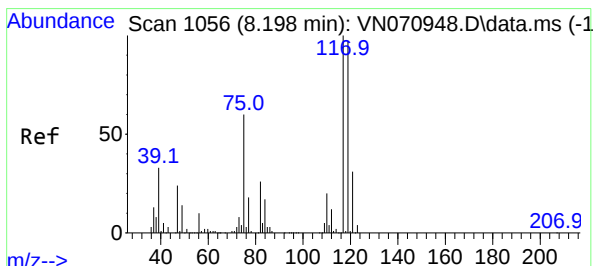
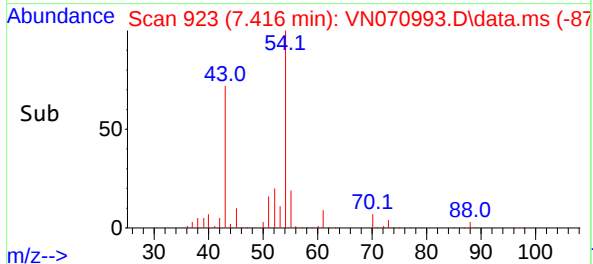
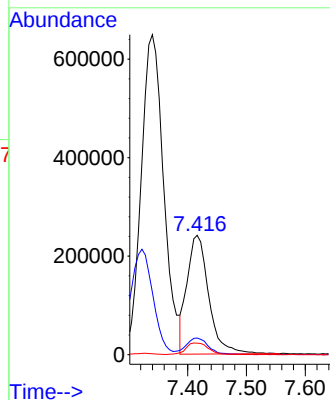
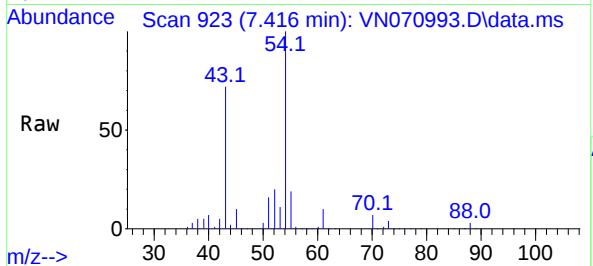




#37  
Ethyl Acetate  
Concen: 61.600 ug/l  
RT: 7.416 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

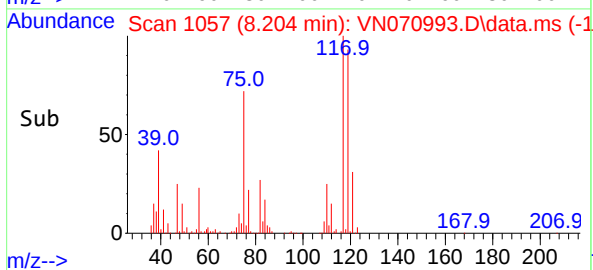
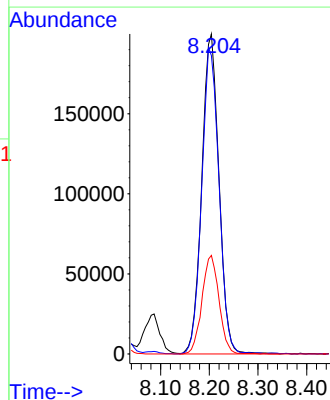
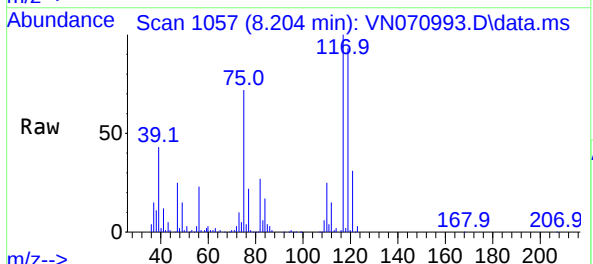
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ClientSampleId :  
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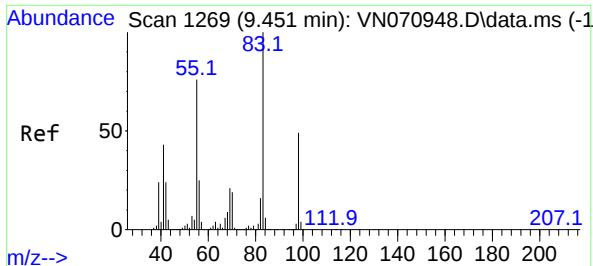
Tgt Ion: 43 Resp: 616304  
Ion Ratio Lower Upper  
43 100  
61 14.5 11.5 17.3  
70 10.4 7.9 11.9



#38  
Carbon Tetrachloride  
Concen: 53.282 ug/l  
RT: 8.204 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 117 Resp: 489754  
Ion Ratio Lower Upper  
117 100  
119 93.3 76.1 114.1  
121 30.8 24.2 36.2

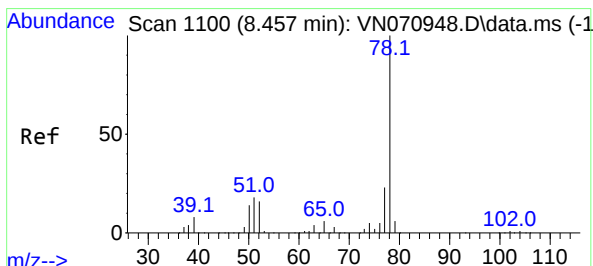
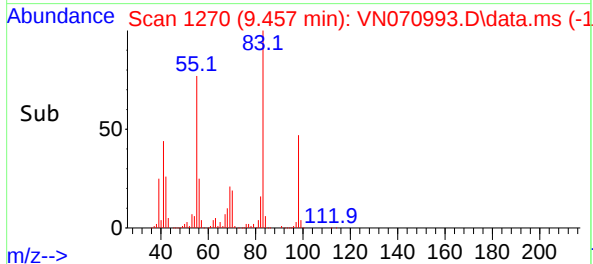
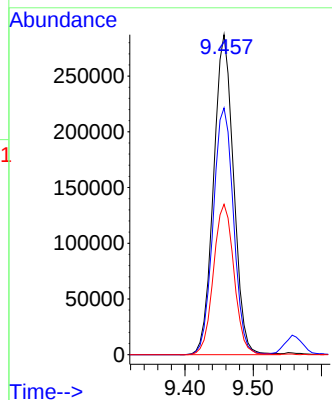
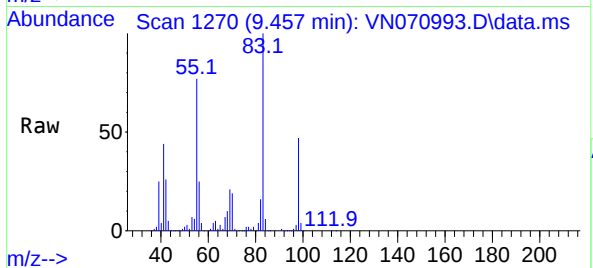




#39  
Methylcyclohexane  
Concen: 49.026 ug/l  
RT: 9.457 min Scan# 1100  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

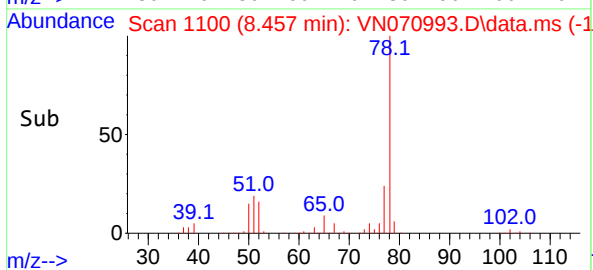
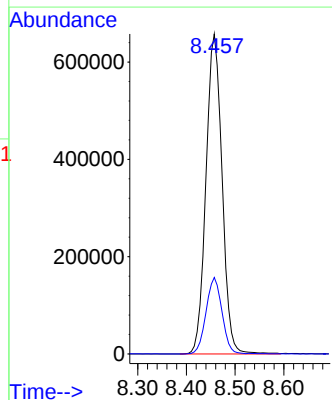
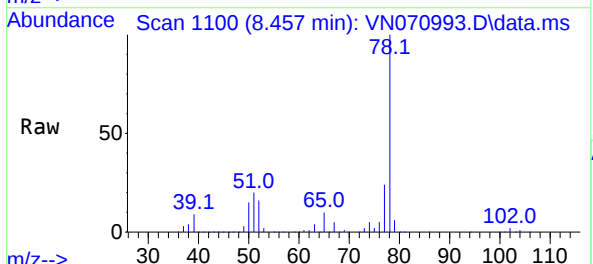
Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

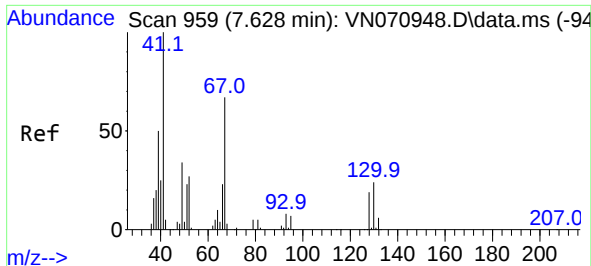
Tgt Ion: 83 Resp: 588512  
Ion Ratio Lower Upper  
83 100  
55 77.1 58.1 87.1  
98 47.0 38.4 57.6



#40  
Benzene  
Concen: 54.672 ug/l  
RT: 8.457 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

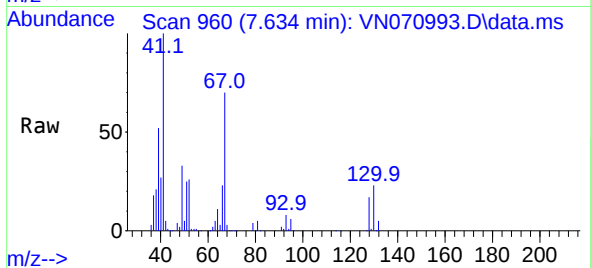
Tgt Ion: 78 Resp: 1508674  
Ion Ratio Lower Upper  
78 100  
77 23.9 18.6 27.8



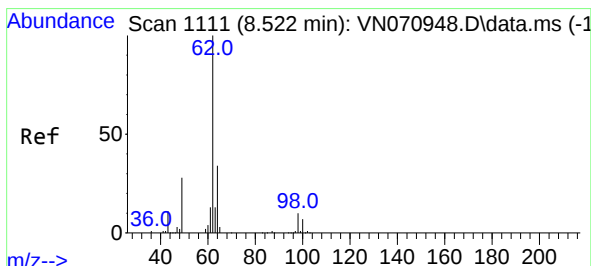
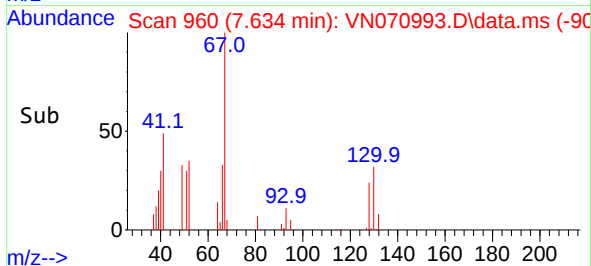
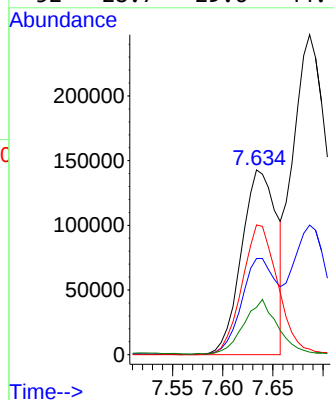


#41  
Methacrylonitrile  
Concen: 66.367 ug/l  
RT: 7.634 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

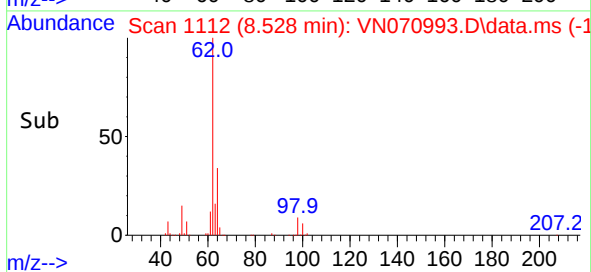
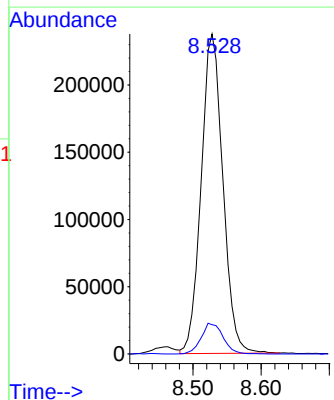
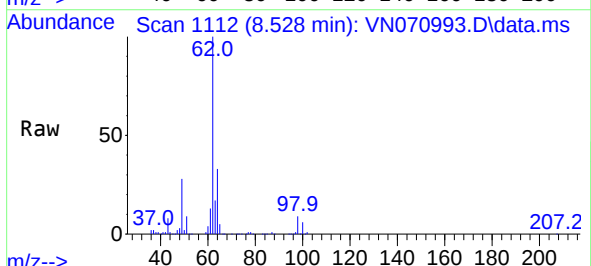


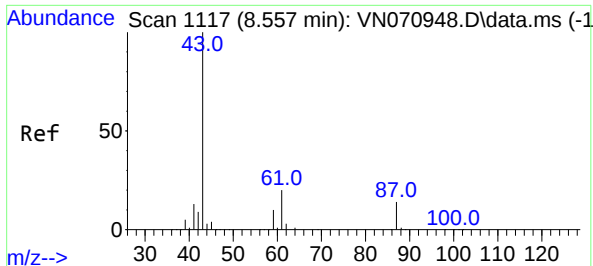
Tgt Ion: 41 Resp: 349714  
Ion Ratio Lower Upper  
41 100  
39 51.4 48.1 72.1  
67 72.0 68.3 102.5  
52 28.7 29.6 44.4#



#42  
1,2-Dichloroethane  
Concen: 55.958 ug/l  
RT: 8.528 min Scan# 1112  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 62 Resp: 525908  
Ion Ratio Lower Upper  
62 100  
98 9.8 0.0 17.6

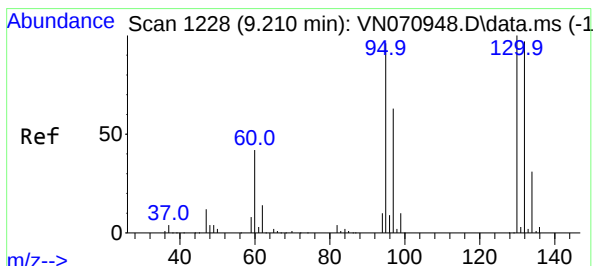
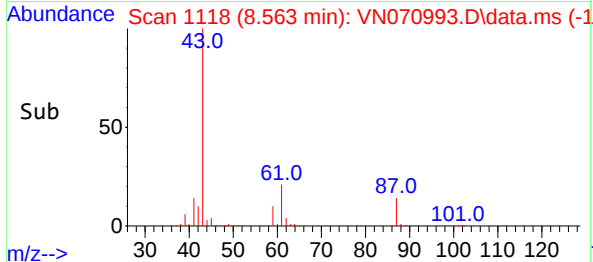
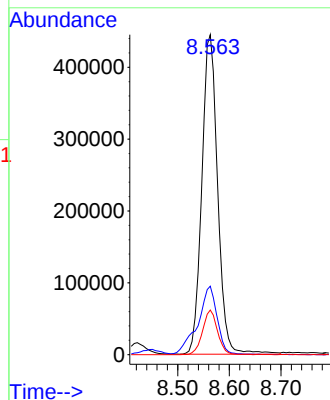
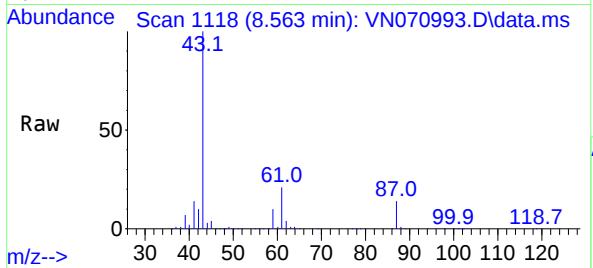




#43  
Isopropyl Acetate  
Concen: 60.067 ug/l  
RT: 8.563 min Scan# 1118  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

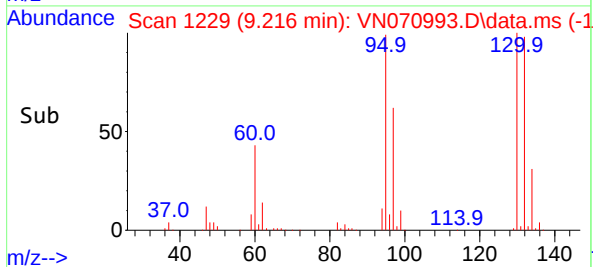
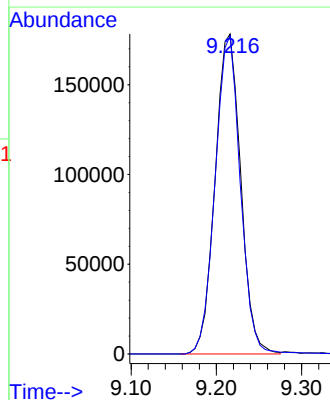
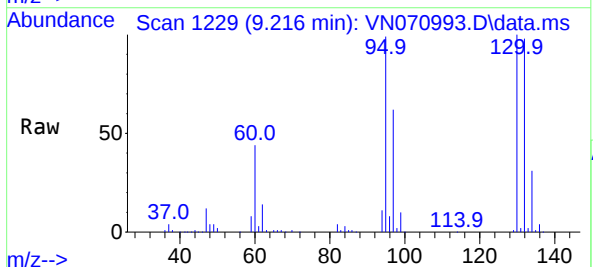
Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

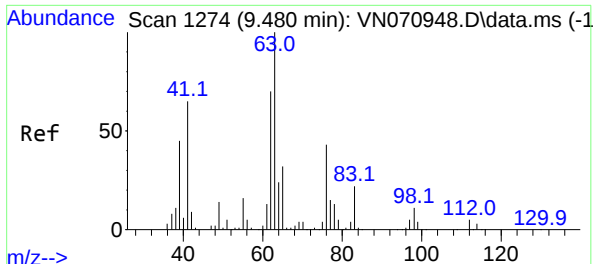
Tgt Ion: 43 Resp: 947261  
Ion Ratio Lower Upper  
43 100  
61 26.1 20.4 30.6  
87 13.2 11.2 16.8



#44  
Trichloroethene  
Concen: 51.056 ug/l  
RT: 9.216 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion:130 Resp: 370999  
Ion Ratio Lower Upper  
130 100  
95 99.4 0.0 191.2

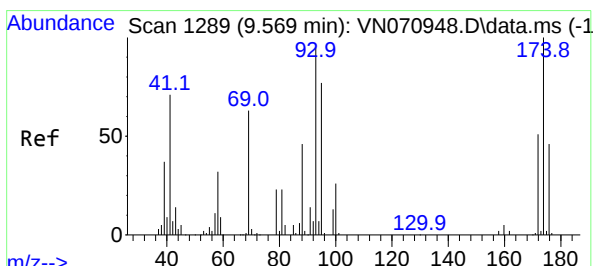
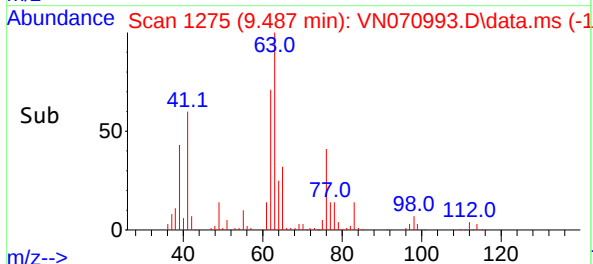
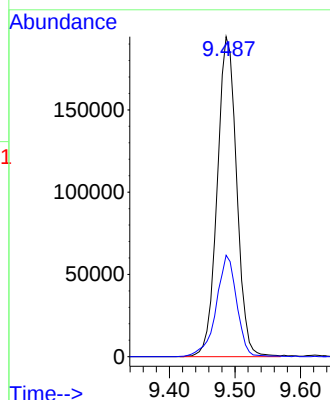
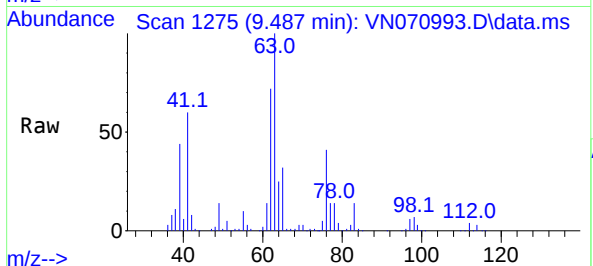




#45  
1,2-Dichloropropane  
Concen: 56.545 ug/l  
RT: 9.487 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

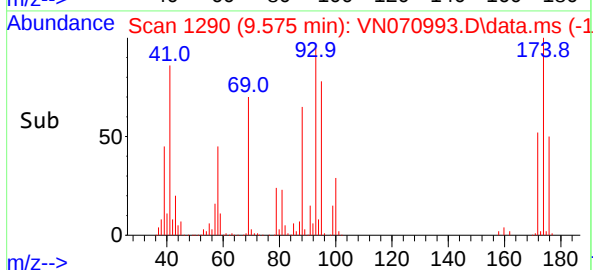
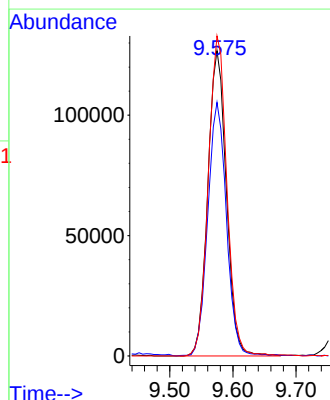
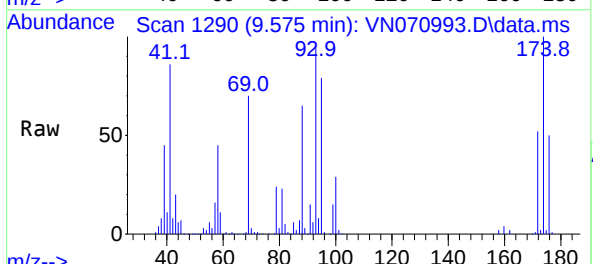
Instrument :  
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ClientSampleId :  
GR-OF-20220215MS

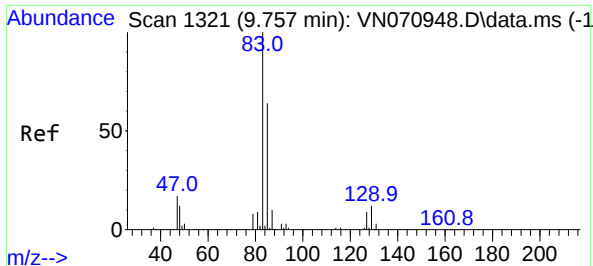
Tgt Ion: 63 Resp: 399693  
Ion Ratio Lower Upper  
63 100  
65 31.6 24.7 37.1



#46  
Dibromomethane  
Concen: 55.654 ug/l  
RT: 9.575 min Scan# 1290  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 93 Resp: 258891  
Ion Ratio Lower Upper  
93 100  
95 83.7 65.9 98.9  
174 105.0 84.6 127.0

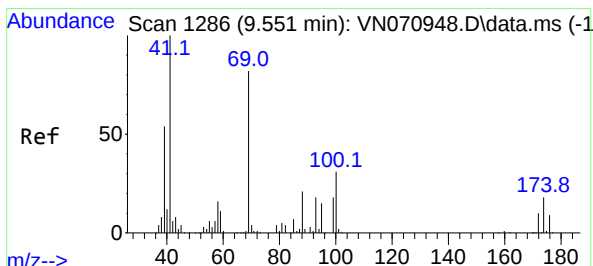
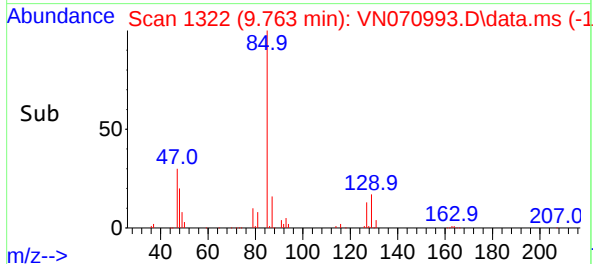
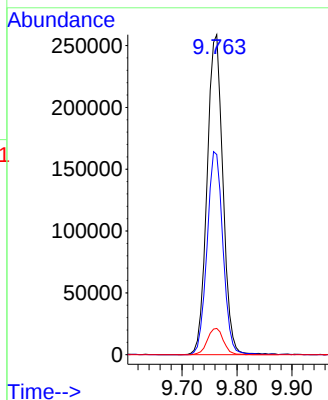
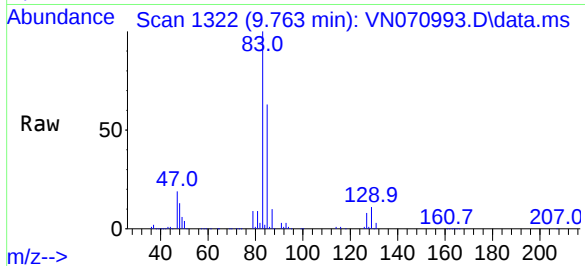




#47  
Bromodichloromethane  
Concen: 55.028 ug/l  
RT: 9.763 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

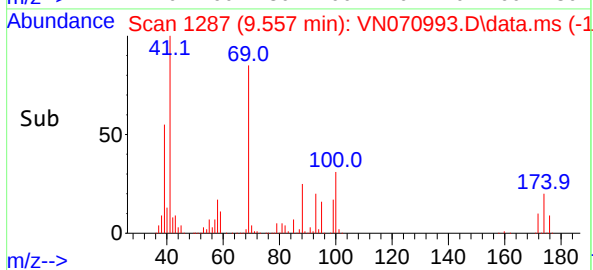
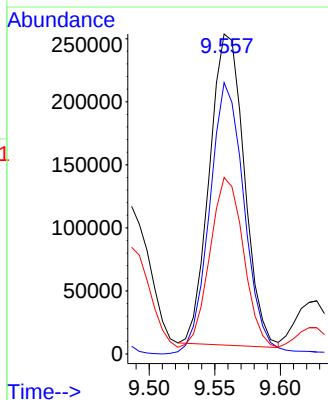
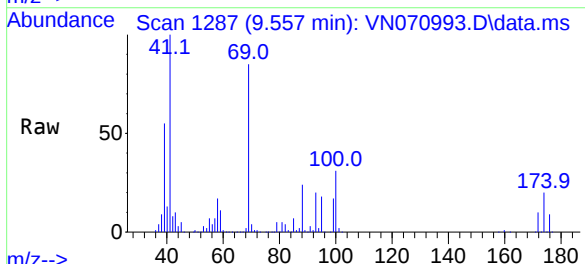
Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

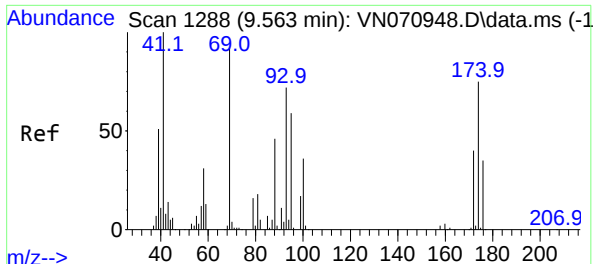
Tgt Ion: 83 Resp: 517343  
Ion Ratio Lower Upper  
83 100  
85 62.6 50.9 76.3  
127 8.2 7.1 10.7



#48  
Methyl methacrylate  
Concen: 60.925 ug/l  
RT: 9.557 min Scan# 1287  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 41 Resp: 454770  
Ion Ratio Lower Upper  
41 100  
69 88.4 72.4 108.6  
39 57.6 58.4 87.6#

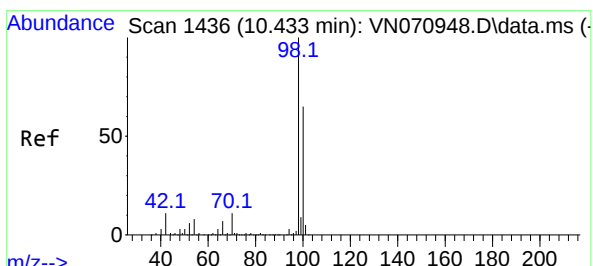
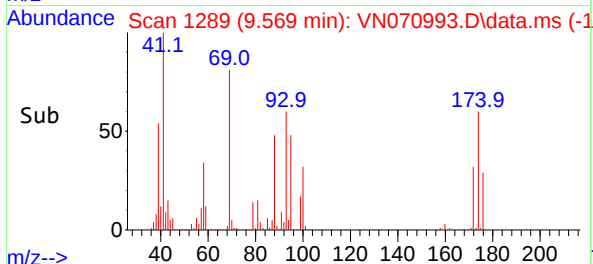
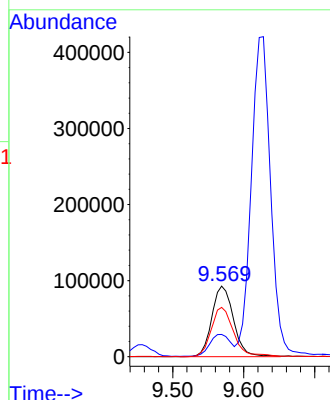
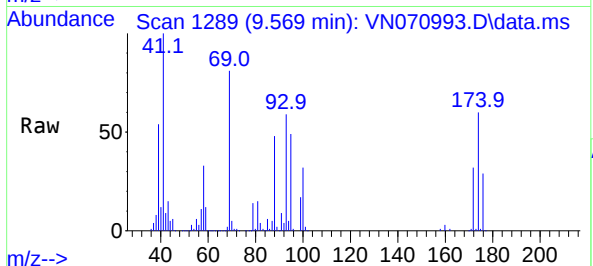




#49  
1,4-Dioxane  
Concen: 1478.606 ug/l  
RT: 9.569 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

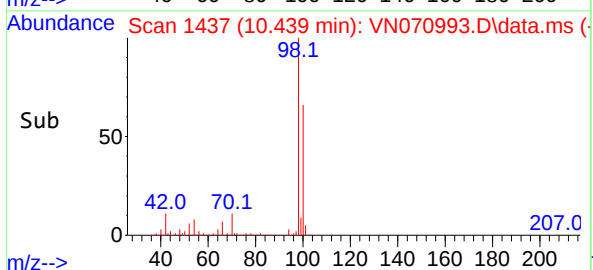
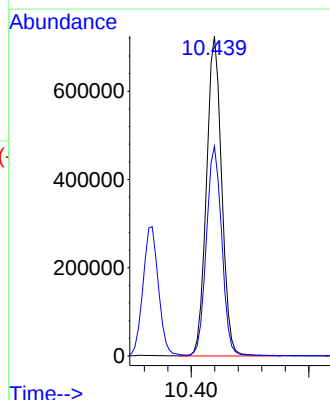
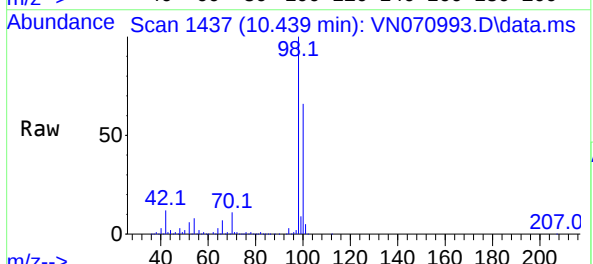
Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

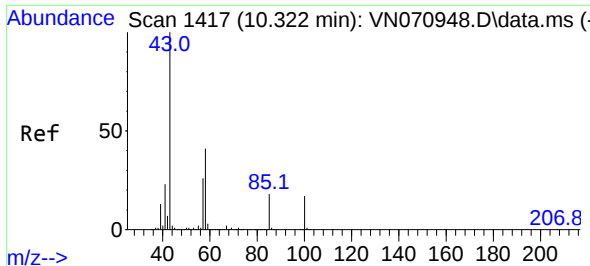
Tgt Ion: 88 Resp: 196031  
Ion Ratio Lower Upper  
88 100  
43 30.2 23.4 35.2  
58 72.8 50.6 75.8



#50  
Toluene-d8  
Concen: 56.850 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 98 Resp: 1299995  
Ion Ratio Lower Upper  
98 100  
100 66.4 50.4 75.6

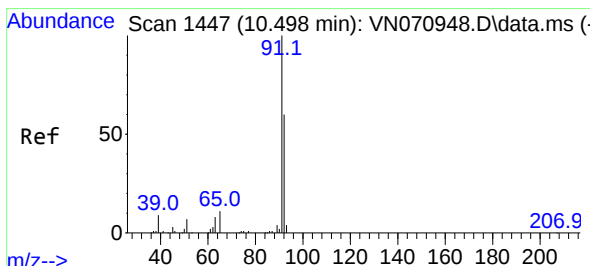
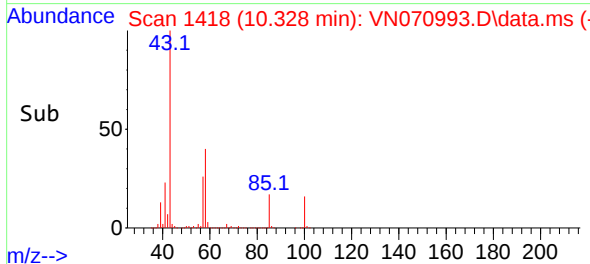
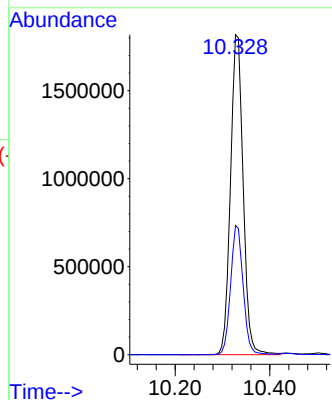
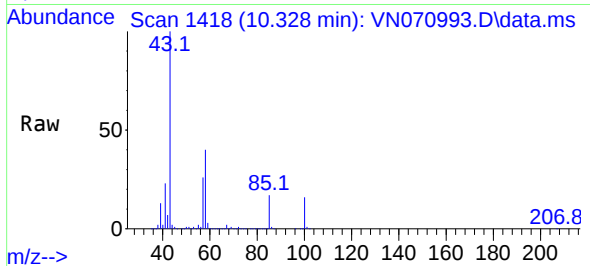




#51  
4-Methyl-2-Pentanone  
Concen: 350.433 ug/l  
RT: 10.328 min Scan# 1417  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

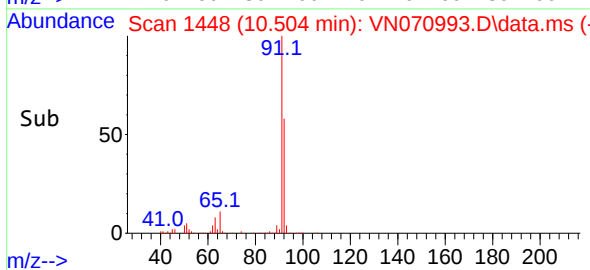
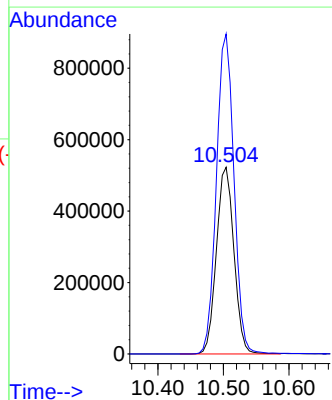
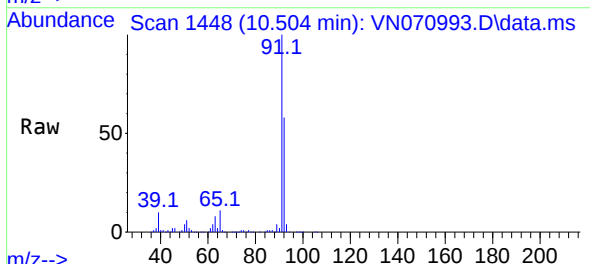
Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

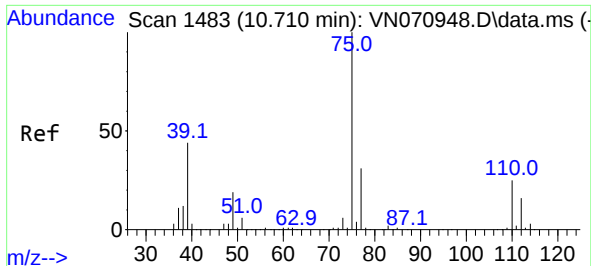
Tgt Ion: 43 Resp: 3362365  
Ion Ratio Lower Upper  
43 100  
58 39.9 30.4 45.6



#52  
Toluene  
Concen: 55.876 ug/l  
RT: 10.504 min Scan# 1448  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 92 Resp: 968870  
Ion Ratio Lower Upper  
92 100  
91 171.5 142.0 213.0

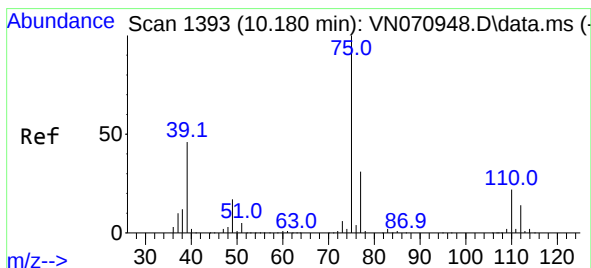
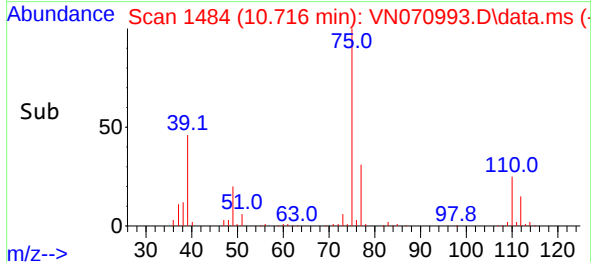
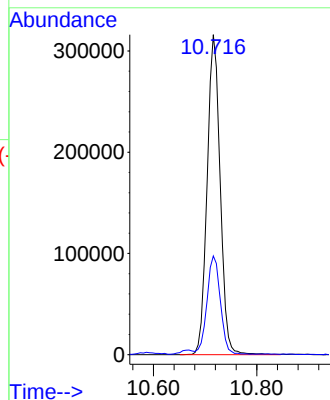
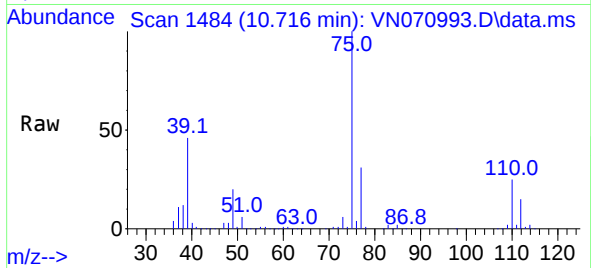




#53  
 t-1,3-Dichloropropene  
 Concen: 54.151 ug/l  
 RT: 10.716 min Scan# 1484  
 Delta R.T. 0.006 min  
 Lab File: VN070993.D  
 Acq: 17 Feb 2022 21:18

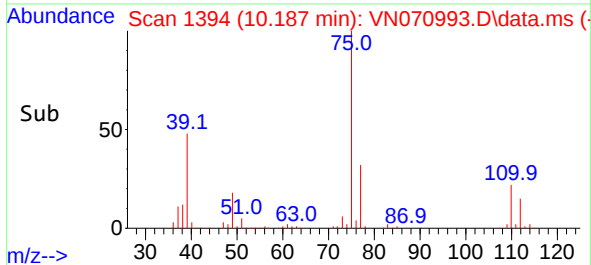
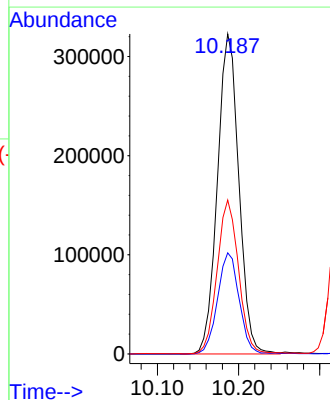
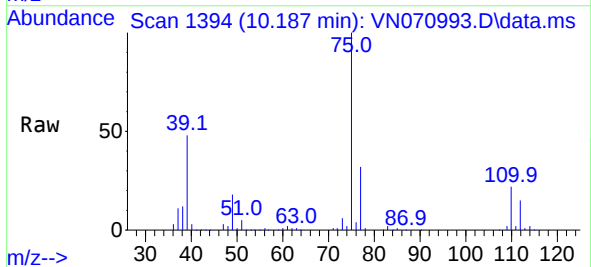
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 ClientSampleId :  
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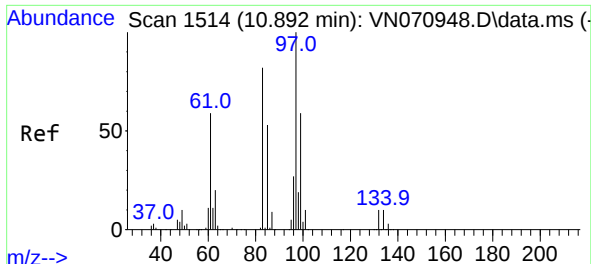
Tgt Ion: 75 Resp: 553571  
 Ion Ratio Lower Upper  
 75 100  
 77 30.8 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.740 ug/l  
 RT: 10.187 min Scan# 1394  
 Delta R.T. 0.006 min  
 Lab File: VN070993.D  
 Acq: 17 Feb 2022 21:18

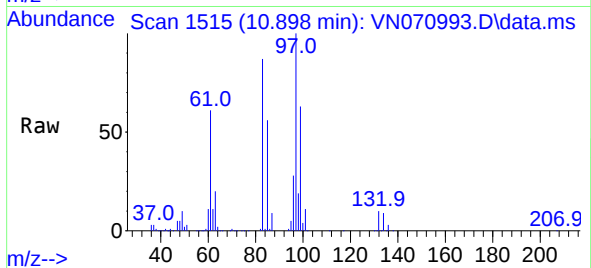
Tgt Ion: 75 Resp: 592089  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 26.4 39.6  
 39 48.0 42.5 63.7



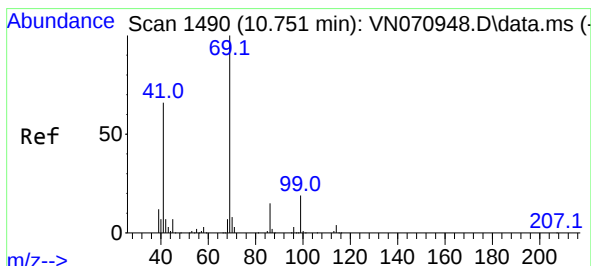
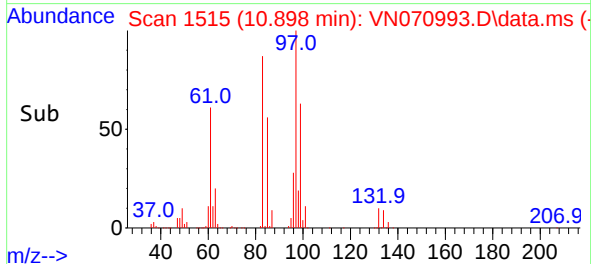
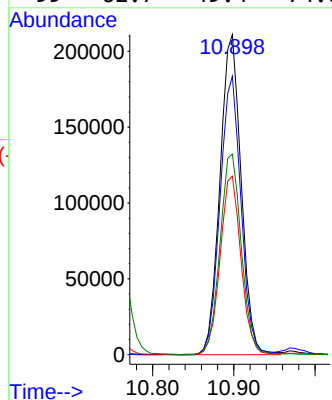


#55  
1,1,2-Trichloroethane  
Concen: 56.489 ug/l  
RT: 10.898 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

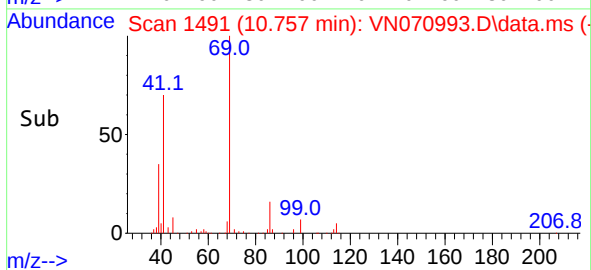
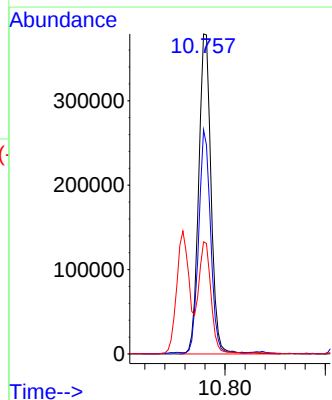
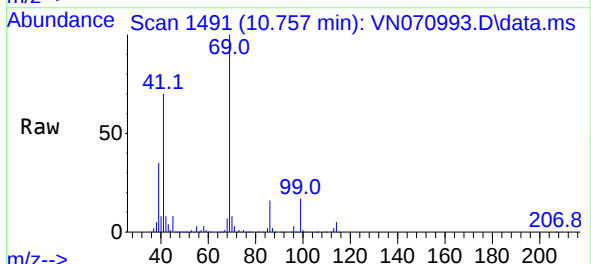


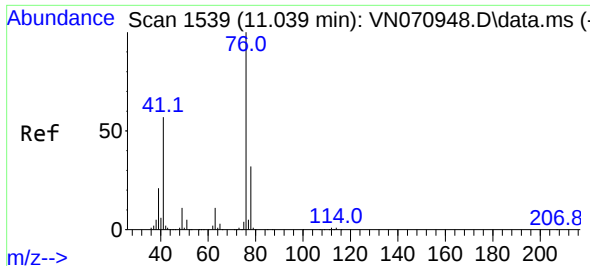
Tgt Ion: 97 Resp: 383411  
Ion Ratio Lower Upper  
97 100  
83 87.0 67.8 101.6  
85 55.8 45.4 68.2  
99 62.7 49.4 74.0



#56  
Ethyl methacrylate  
Concen: 63.445 ug/l  
RT: 10.757 min Scan# 1491  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 69 Resp: 648815  
Ion Ratio Lower Upper  
69 100  
41 66.5 51.4 77.0  
39 33.6 34.6 52.0#

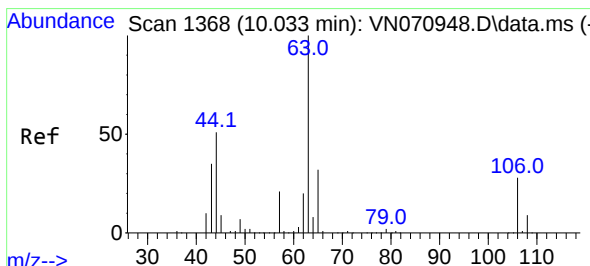
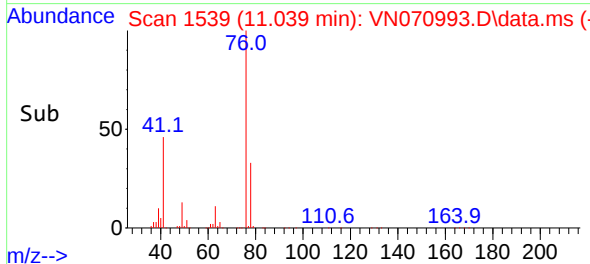
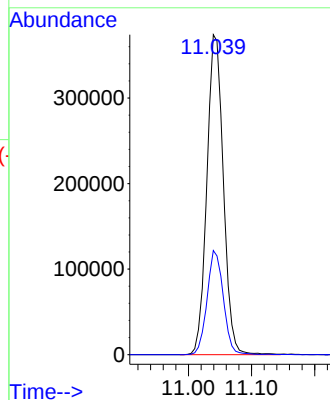
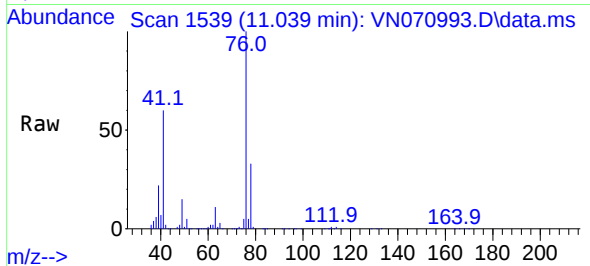




#57  
1,3-Dichloropropane  
Concen: 57.877 ug/l  
RT: 11.039 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

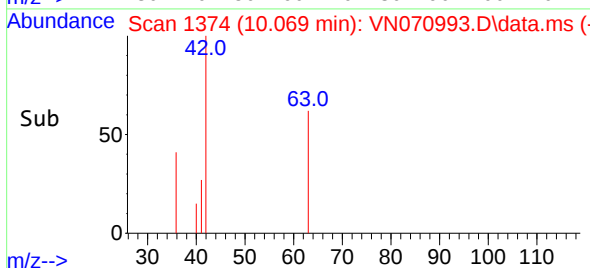
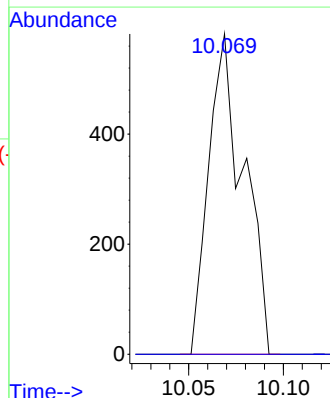
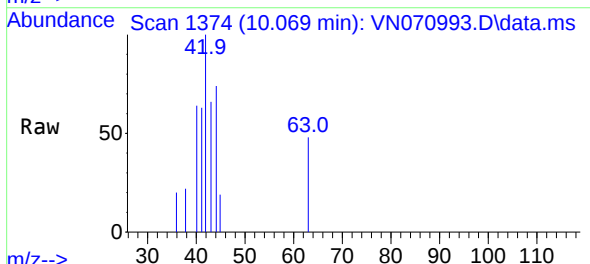
Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

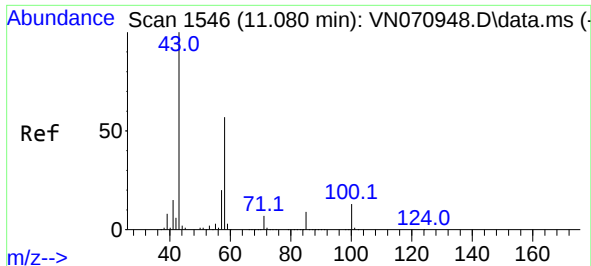
Tgt Ion: 76 Resp: 679491  
Ion Ratio Lower Upper  
76 100  
78 32.1 25.7 38.5



#58  
2-Chloroethyl Vinyl ether  
Concen: 32.088 ug/l  
RT: 10.069 min Scan# 1374  
Delta R.T. 0.036 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 63 Resp: 749  
Ion Ratio Lower Upper  
63 100  
106 0.0 23.9 35.9#

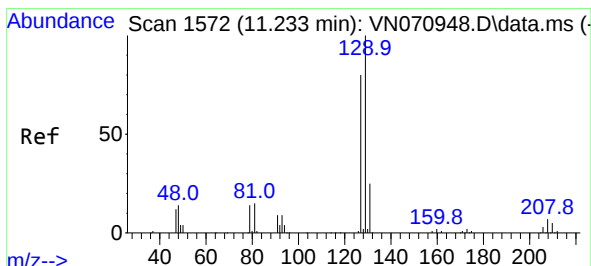
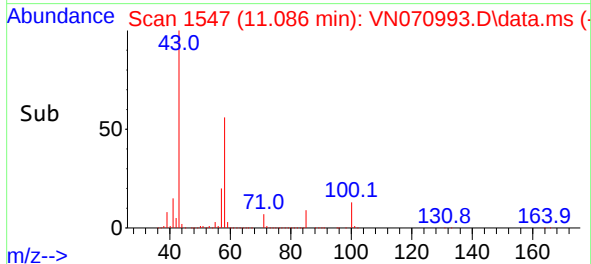
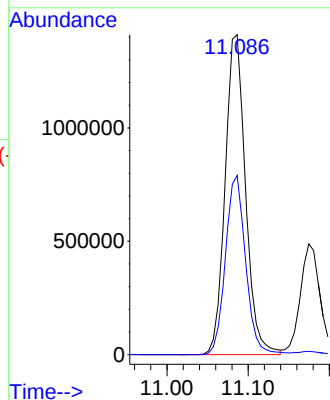
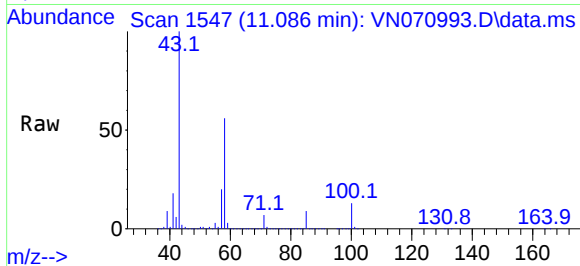




#59  
2-Hexanone  
Concen: 373.737 ug/l  
RT: 11.086 min Scan# 1546  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

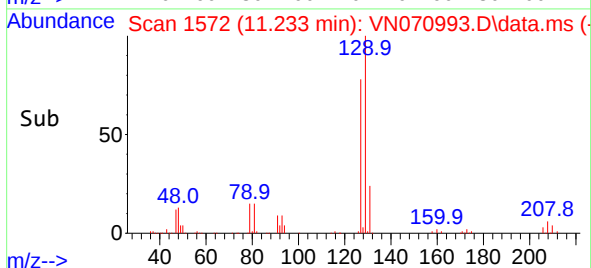
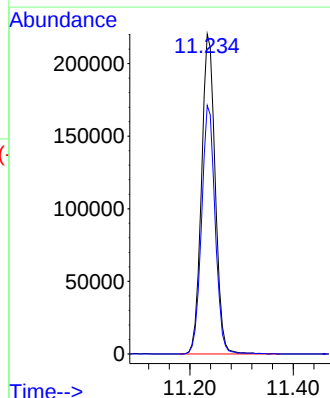
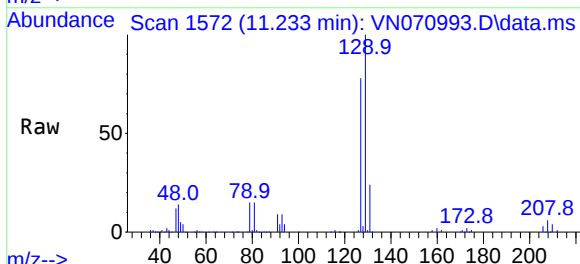
Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

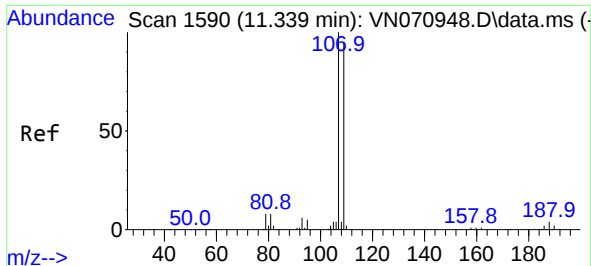
Tgt Ion: 43 Resp: 2466256  
Ion Ratio Lower Upper  
43 100  
58 55.5 26.9 80.7



#60  
Dibromochloromethane  
Concen: 56.382 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion:129 Resp: 404429  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.6 116.0

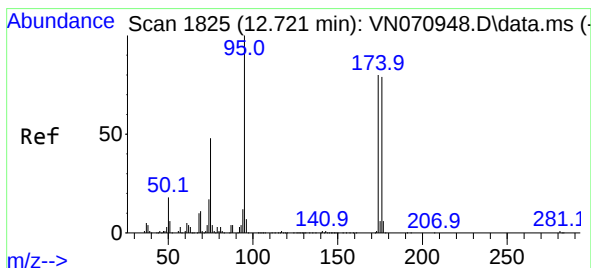
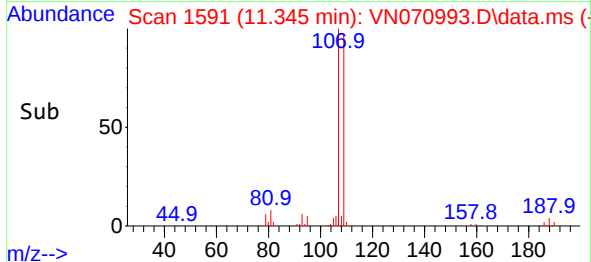
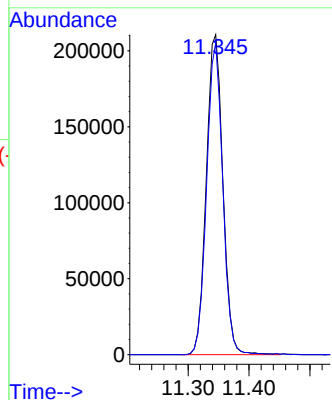
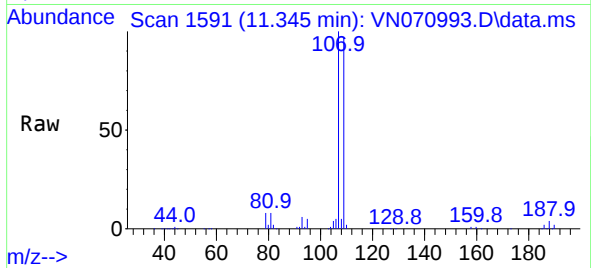




#61  
1,2-Dibromoethane  
Concen: 57.595 ug/l  
RT: 11.345 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

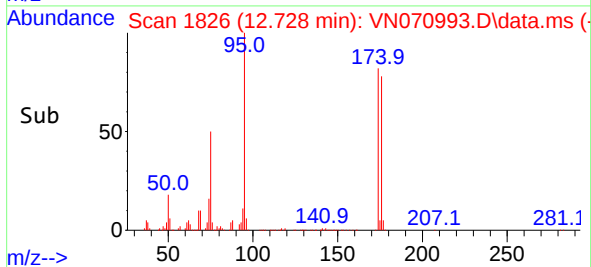
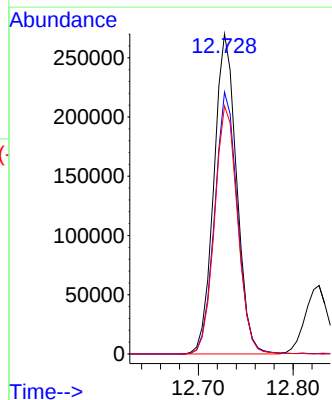
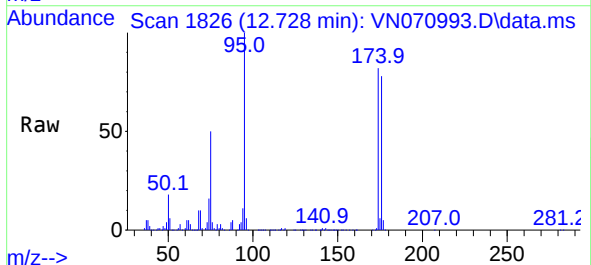
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MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

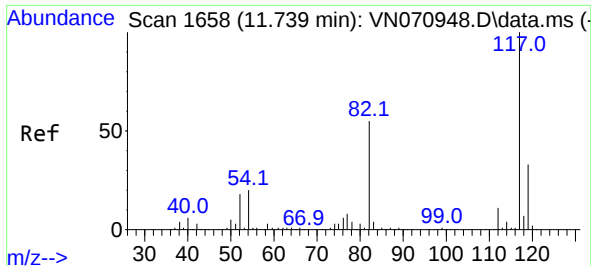
Tgt Ion:107 Resp: 397617  
Ion Ratio Lower Upper  
107 100  
109 94.6 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 55.015 ug/l  
RT: 12.728 min Scan# 1826  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 95 Resp: 449678  
Ion Ratio Lower Upper  
95 100  
174 82.3 0.0 187.2  
176 78.7 0.0 181.4

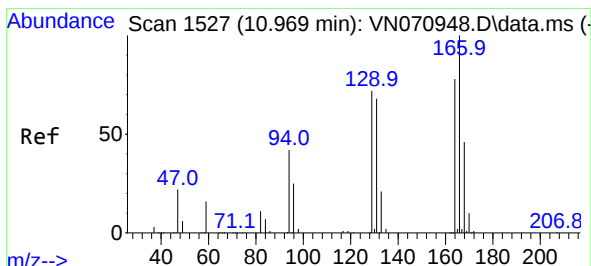
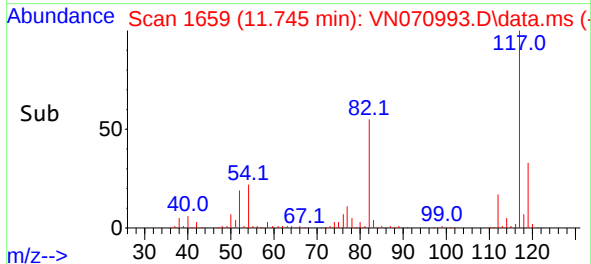
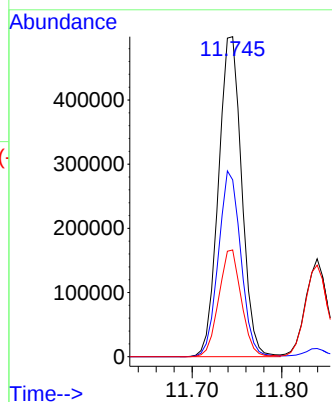
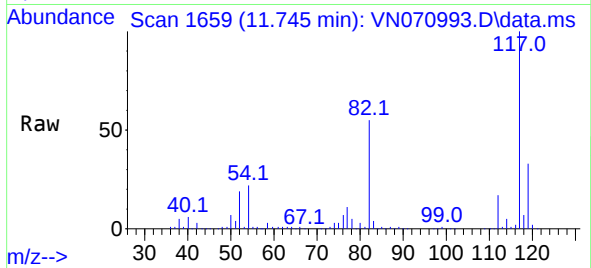




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.745 min Scan# 117  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

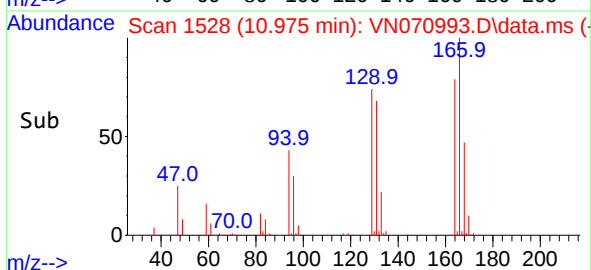
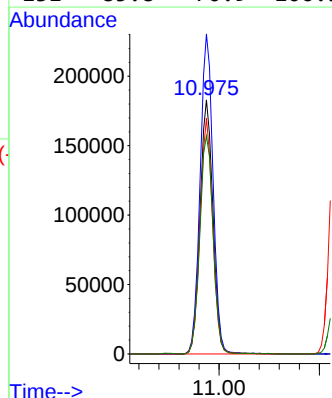
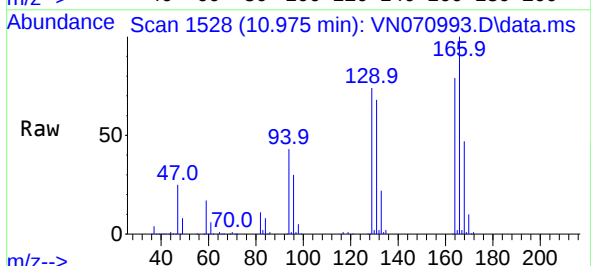
Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

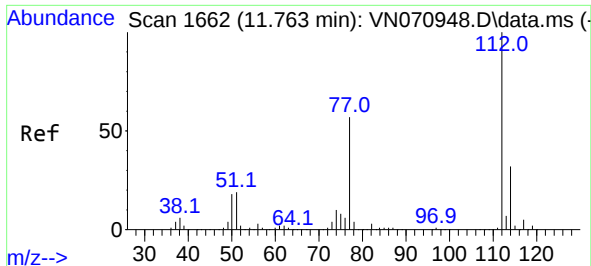
Tgt Ion:117 Resp: 895566  
Ion Ratio Lower Upper  
117 100  
82 55.3 42.4 63.6  
119 33.3 25.4 38.2



#64  
Tetrachloroethene  
Concen: 47.025 ug/l  
RT: 10.975 min Scan# 1528  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion:164 Resp: 327980  
Ion Ratio Lower Upper  
164 100  
166 125.9 101.9 152.9  
129 92.7 72.0 108.0  
131 85.8 70.9 106.3

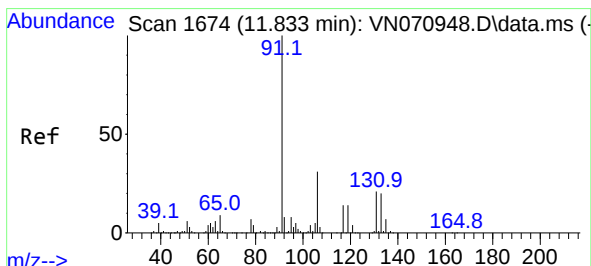
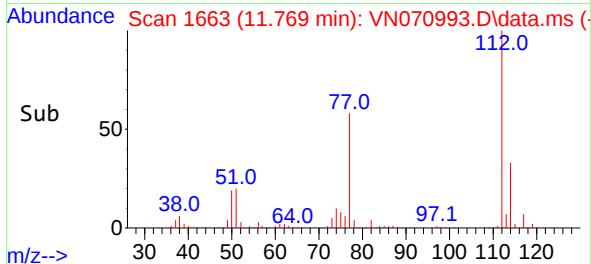
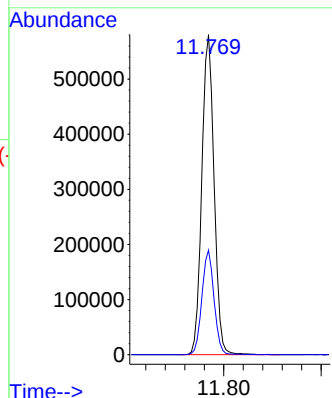
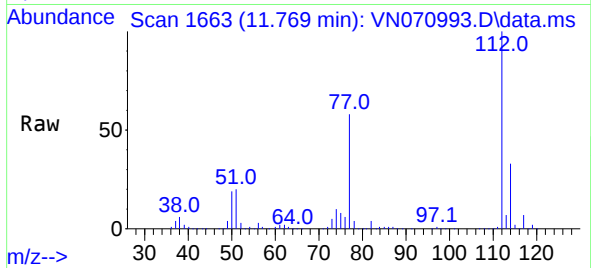




#65  
Chlorobenzene  
Concen: 52.560 ug/l  
RT: 11.769 min Scan# 1663  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

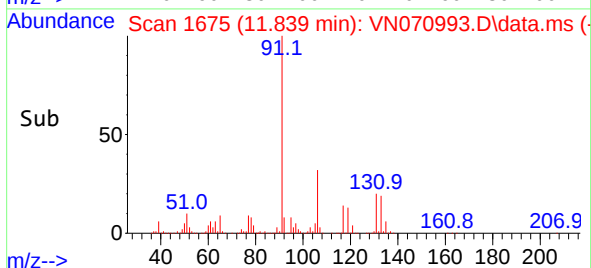
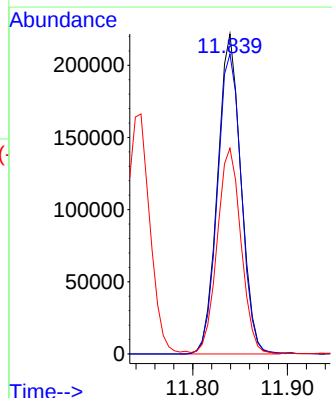
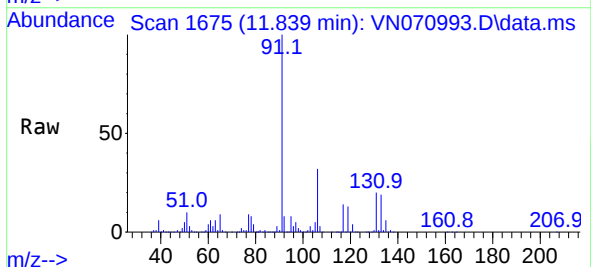
Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

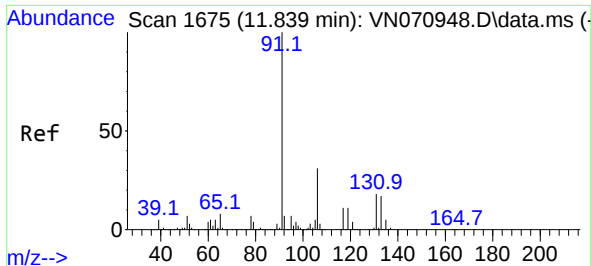
Tgt Ion:112 Resp: 1014302  
Ion Ratio Lower Upper  
112 100  
114 32.7 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.987 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion:131 Resp: 379772  
Ion Ratio Lower Upper  
131 100  
133 96.4 47.9 143.7  
119 65.3 32.1 96.5

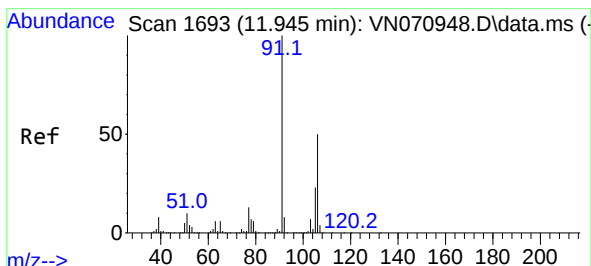
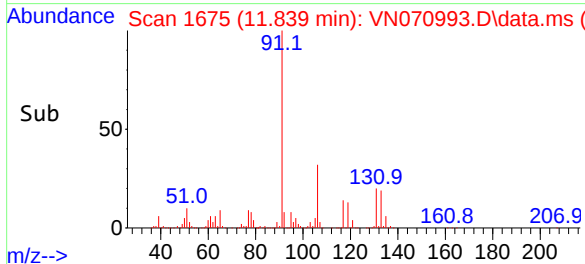
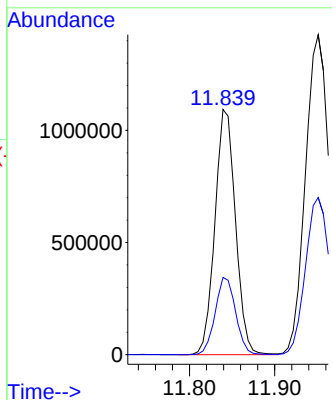
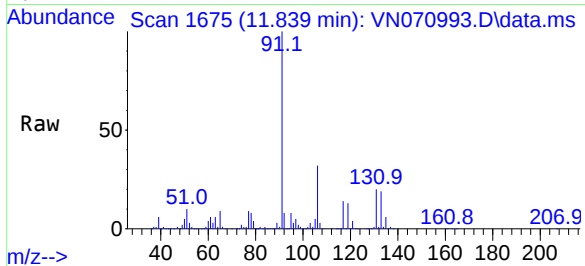




#67  
Ethyl Benzene  
Concen: 54.278 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

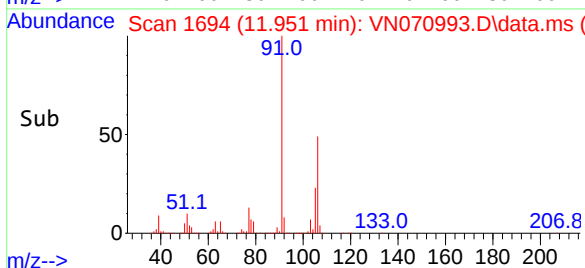
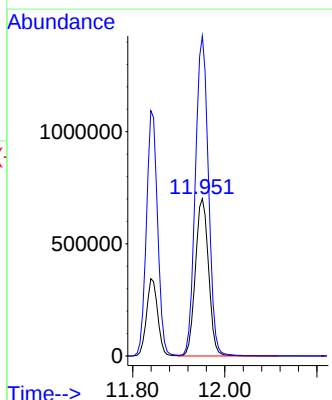
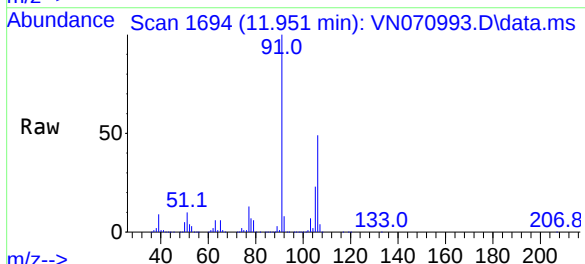
Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

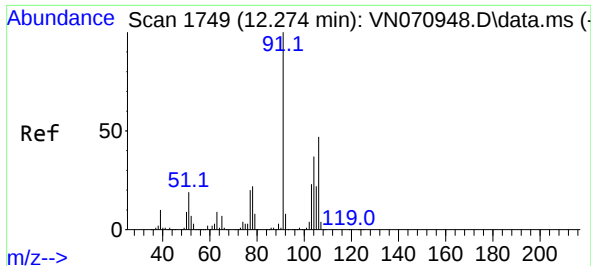
Tgt Ion: 91 Resp: 1833291  
Ion Ratio Lower Upper  
91 100  
106 31.5 25.7 38.5



#68  
m/p-Xylenes  
Concen: 106.438 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion:106 Resp: 1388659  
Ion Ratio Lower Upper  
106 100  
91 202.0 160.6 240.8

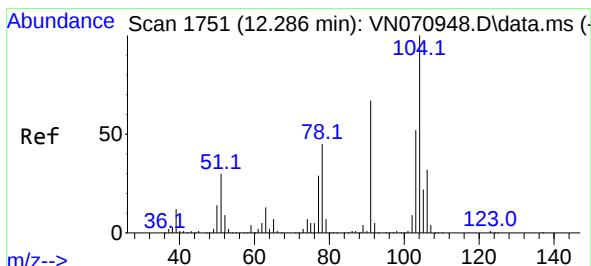
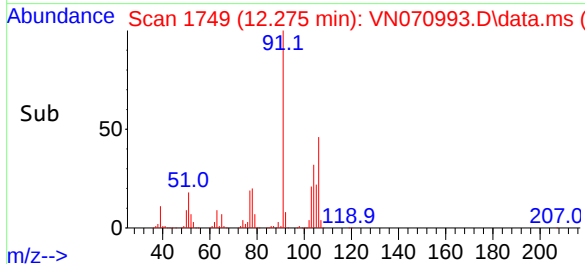
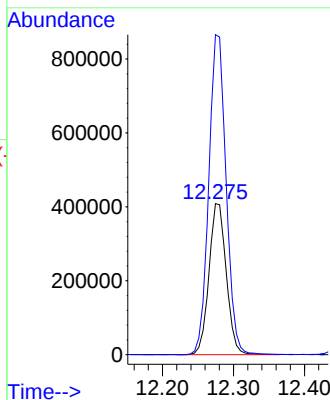
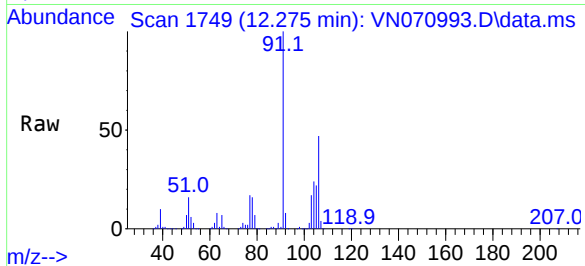




#69  
o-Xylene  
Concen: 54.207 ug/l  
RT: 12.275 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

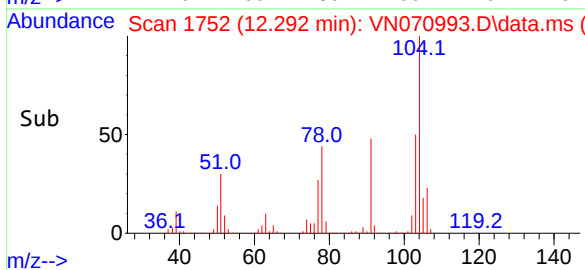
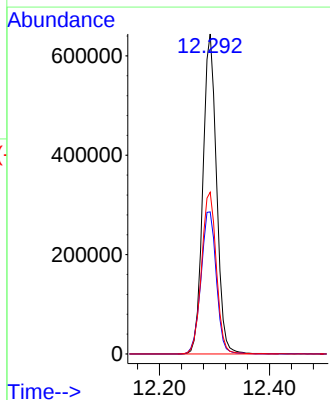
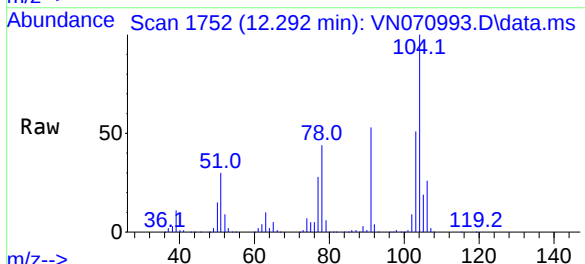
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MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

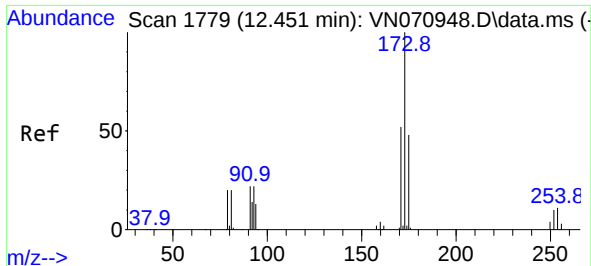
Tgt Ion:106 Resp: 690851  
Ion Ratio Lower Upper  
106 100  
91 212.5 105.8 317.3



#70  
Styrene  
Concen: 54.804 ug/l  
RT: 12.292 min Scan# 1752  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion:104 Resp: 1110596  
Ion Ratio Lower Upper  
104 100  
78 49.6 38.7 58.1  
103 54.9 45.0 67.6

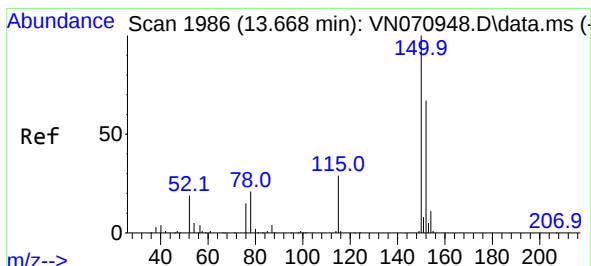
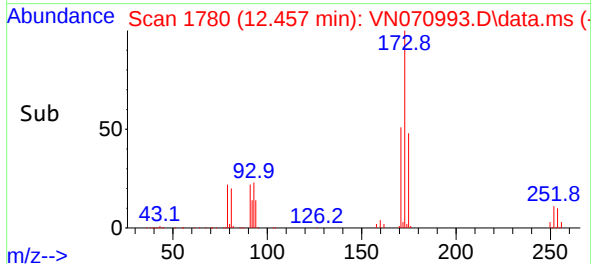
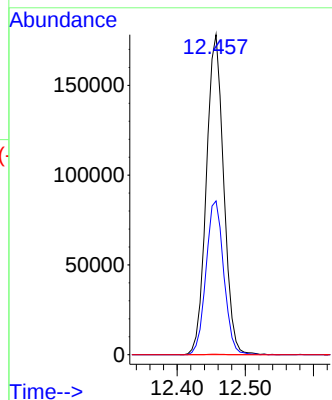
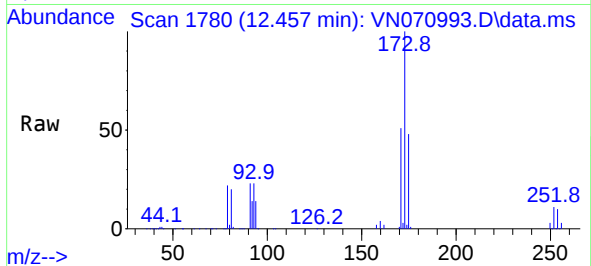




#71  
Bromoform  
Concen: 56.255 ug/l  
RT: 12.457 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

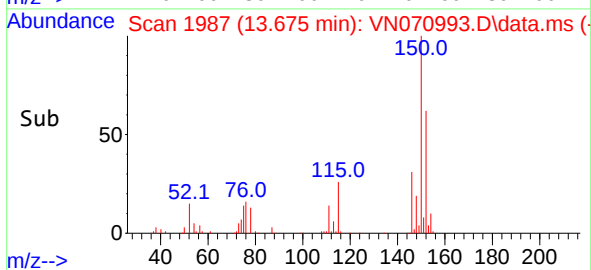
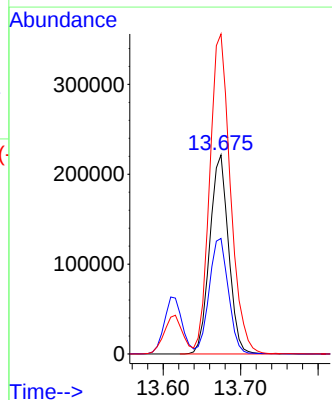
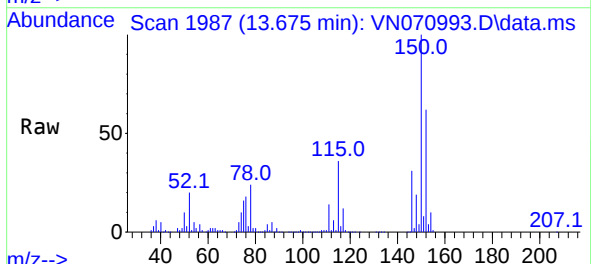
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ClientSampleId :  
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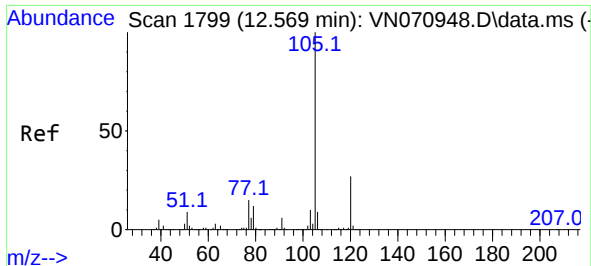
Tgt Ion:173 Resp: 315166  
Ion Ratio Lower Upper  
173 100  
175 49.2 24.2 72.6  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 1987  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion:152 Resp: 373115  
Ion Ratio Lower Upper  
152 100  
115 59.6 27.5 82.5  
150 177.1 0.0 344.4

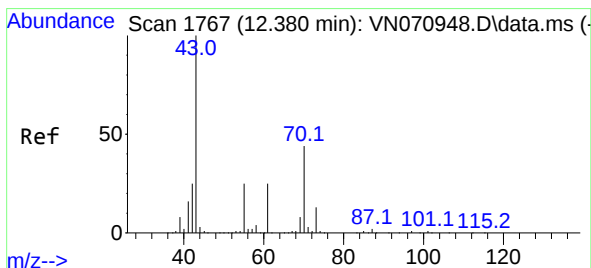
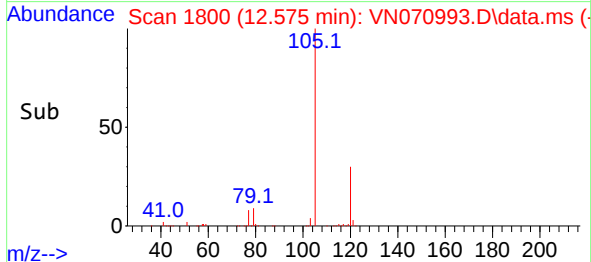
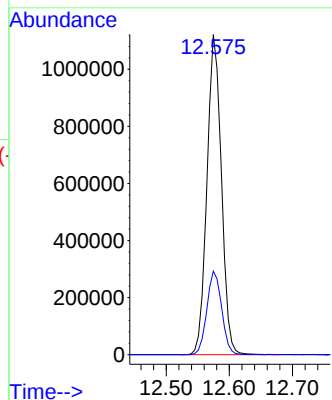
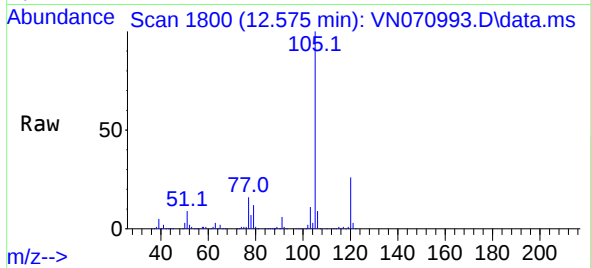




#73  
Isopropylbenzene  
Concen: 59.185 ug/l  
RT: 12.575 min Scan# 1799  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

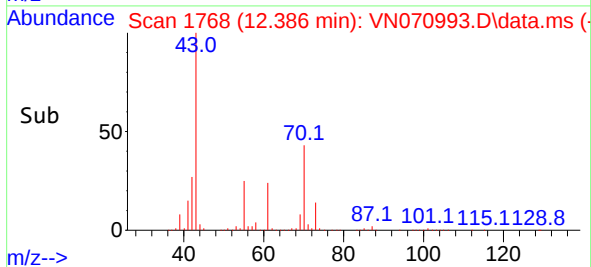
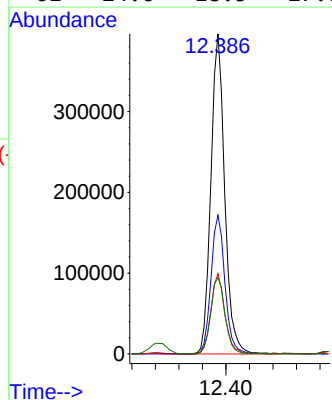
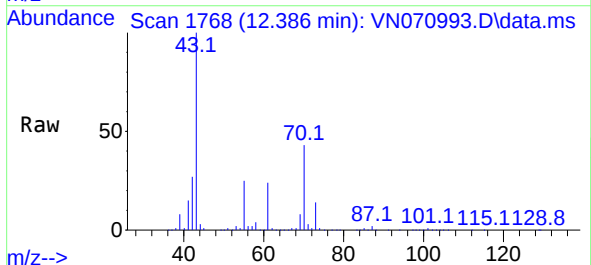
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MSVOA\_N  
ClientSampleId :  
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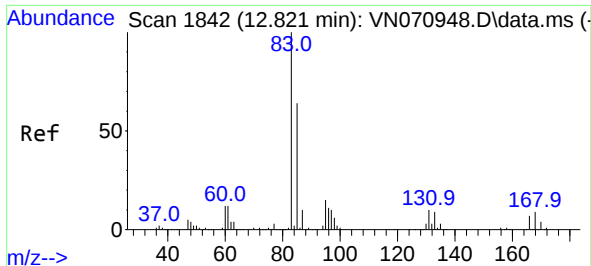
Tgt Ion:105 Resp: 1777490  
Ion Ratio Lower Upper  
105 100  
120 26.7 13.4 40.1



#74  
N-ethyl acetate  
Concen: 67.266 ug/l  
RT: 12.386 min Scan# 1768  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 43 Resp: 645751  
Ion Ratio Lower Upper  
43 100  
70 43.9 33.4 50.0  
55 25.3 19.3 28.9  
61 24.6 18.5 27.7

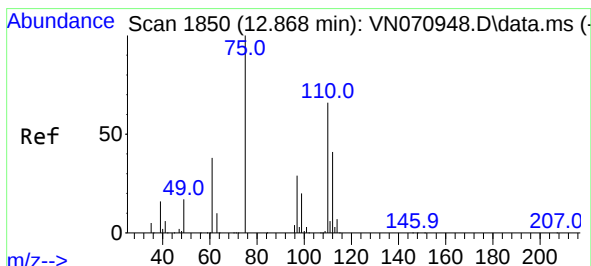
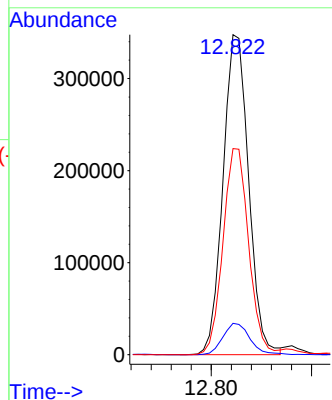
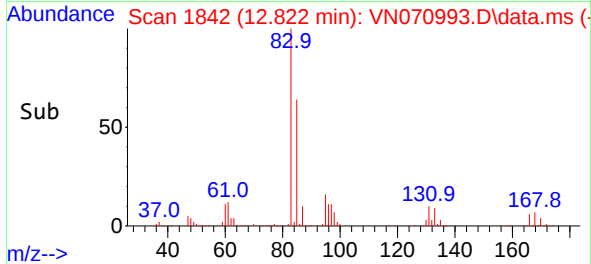
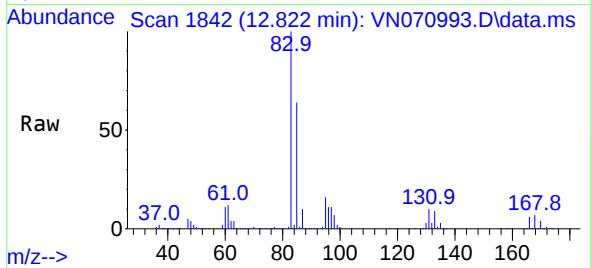




#75  
1,1,2,2-Tetrachloroethane  
Concen: 64.690 ug/l  
RT: 12.822 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

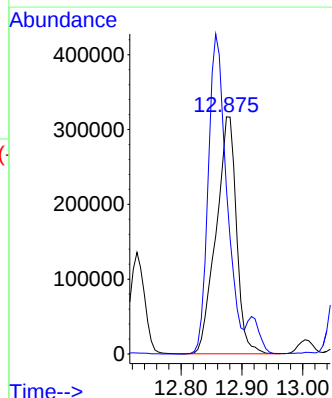
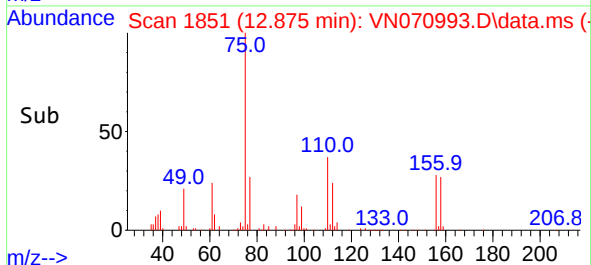
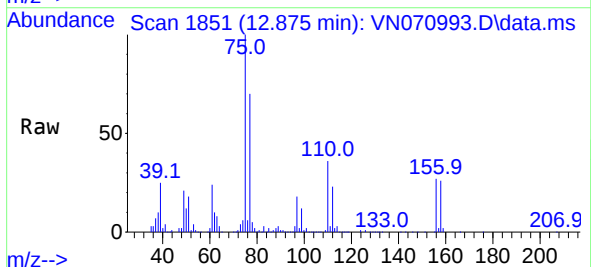
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MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

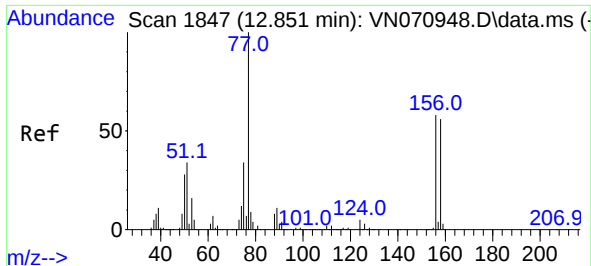
Tgt Ion: 83 Resp: 617369  
Ion Ratio Lower Upper  
83 100  
131 10.3 5.5 16.5  
85 64.3 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 83.867 ug/l  
RT: 12.875 min Scan# 1851  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 75 Resp: 736777  
Ion Ratio Lower Upper  
75 100  
77 122.3 82.6 247.8

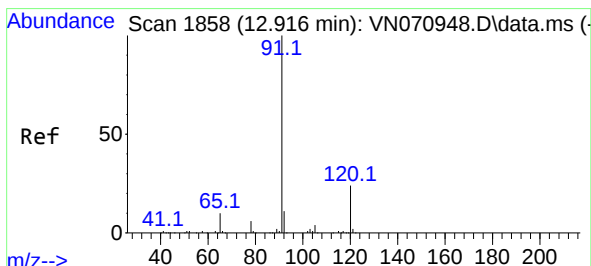
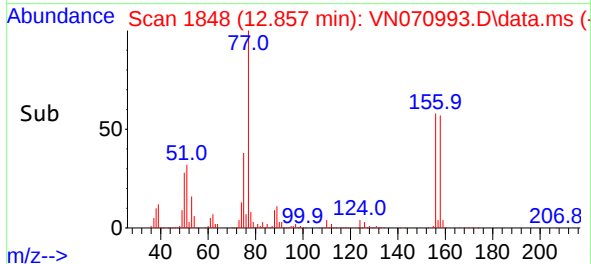
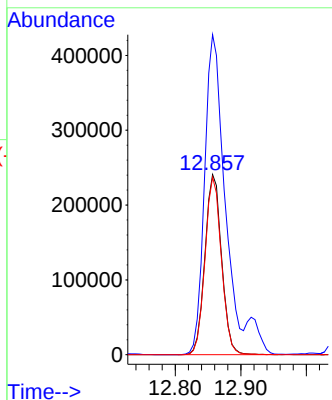
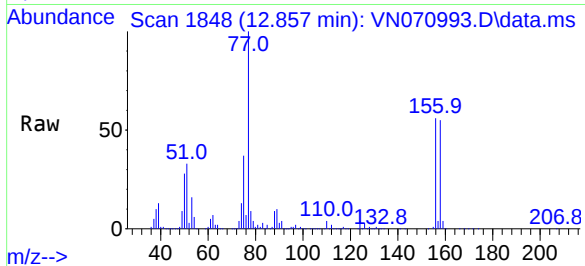




#77  
Bromobenzene  
Concen: 57.962 ug/l  
RT: 12.857 min Scan# 1847  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

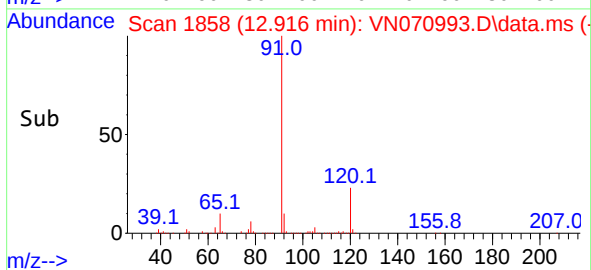
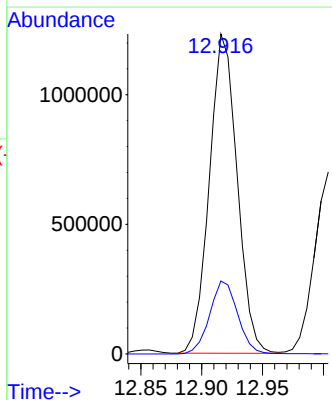
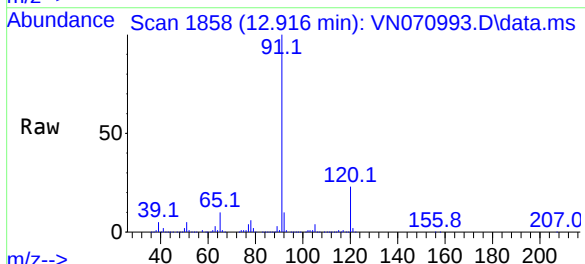
Instrument :  
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ClientSampleId :  
GR-OF-20220215MS

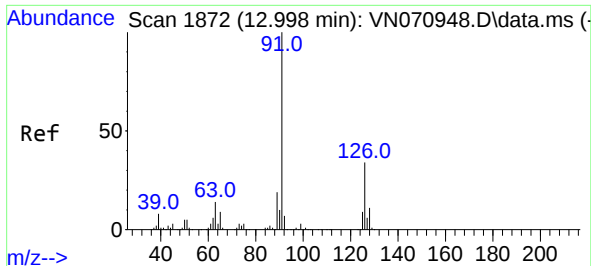
Tgt Ion:156 Resp: 426141  
Ion Ratio Lower Upper  
156 100  
77 211.5 90.6 271.8  
158 96.8 48.9 146.7



#78  
n-propylbenzene  
Concen: 58.009 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 91 Resp: 1957409  
Ion Ratio Lower Upper  
91 100  
120 23.1 11.9 35.9

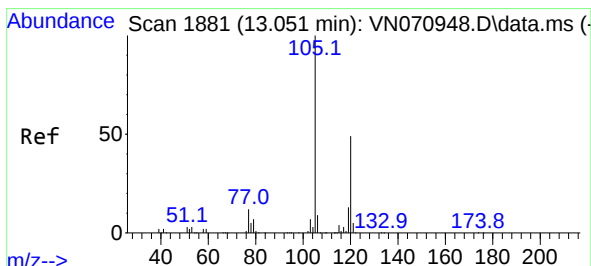
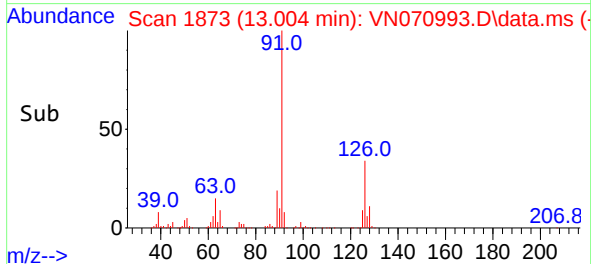
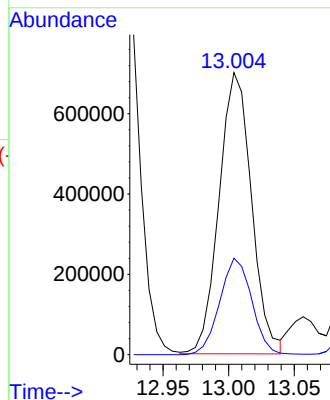
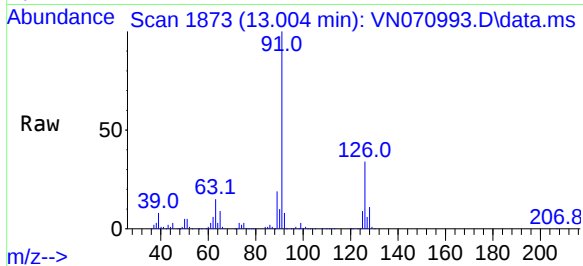




#79  
2-Chlorotoluene  
Concen: 58.842 ug/l  
RT: 13.004 min Scan# 1873  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

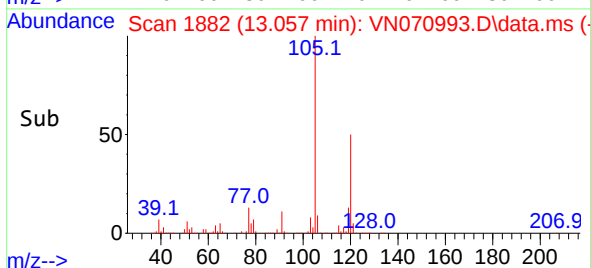
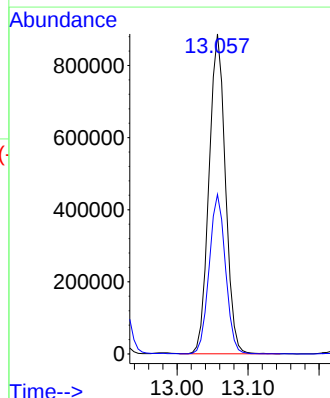
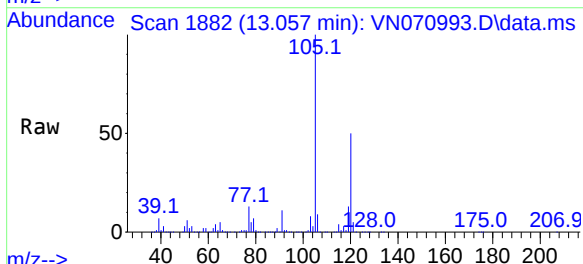
Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

Tgt Ion: 91 Resp: 1205773  
Ion Ratio Lower Upper  
91 100  
126 33.9 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 58.398 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion:105 Resp: 1420884  
Ion Ratio Lower Upper  
105 100  
120 49.8 24.6 73.6

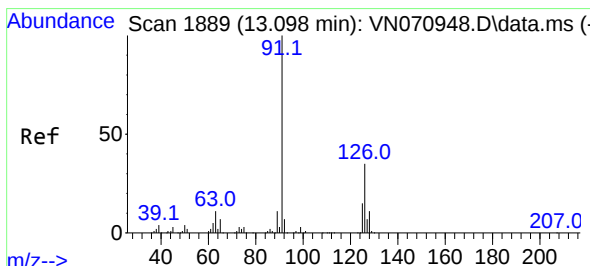
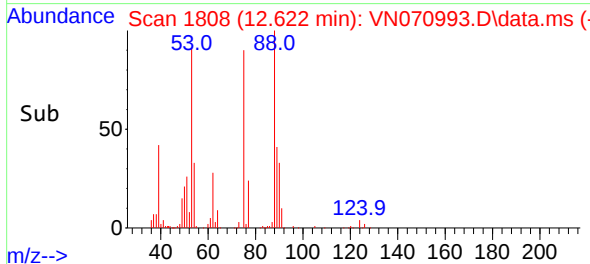
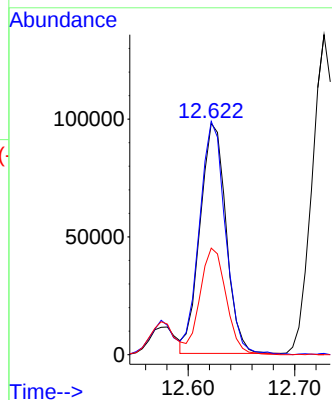
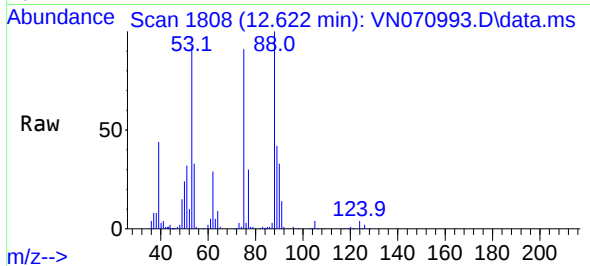




#81  
trans-1,4-Dichloro-2-butene  
Concen: 61.145 ug/l  
RT: 12.622 min Scan# 1808  
Delta R.T. 0.000 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

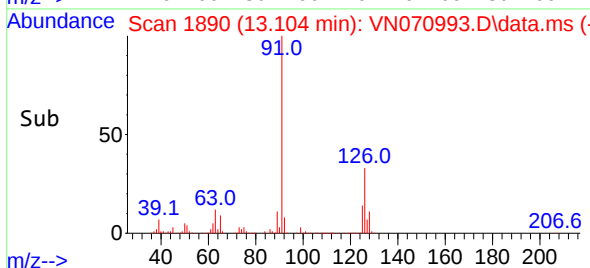
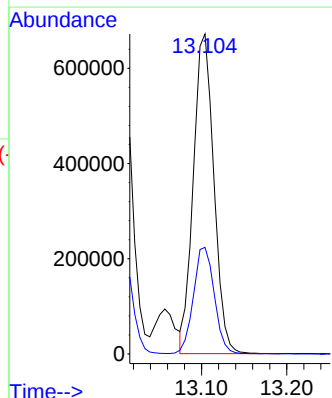
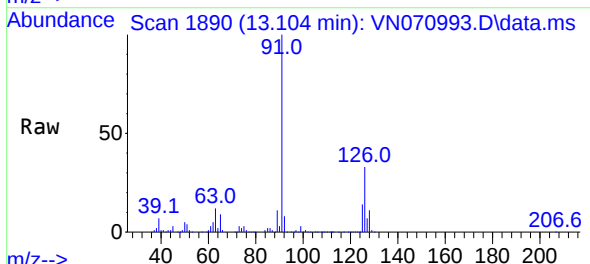
Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

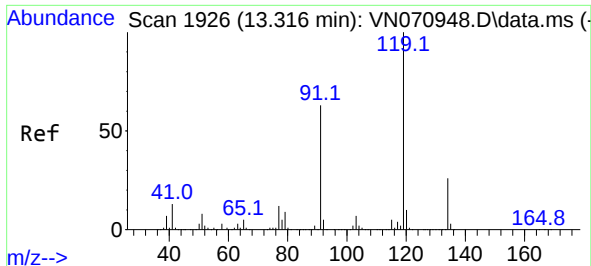
Tgt Ion: 75 Resp: 165766  
Ion Ratio Lower Upper  
75 100  
53 102.0 90.5 135.7  
89 46.0 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 56.321 ug/l  
RT: 13.104 min Scan# 1890  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

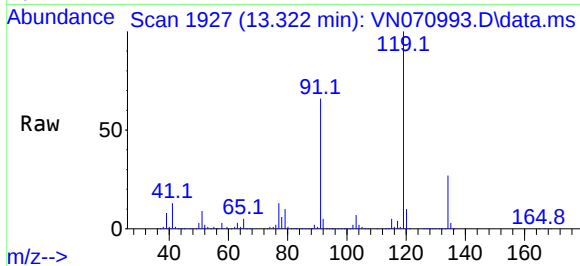
Tgt Ion: 91 Resp: 1120300  
Ion Ratio Lower Upper  
91 100  
126 34.3 18.2 54.6



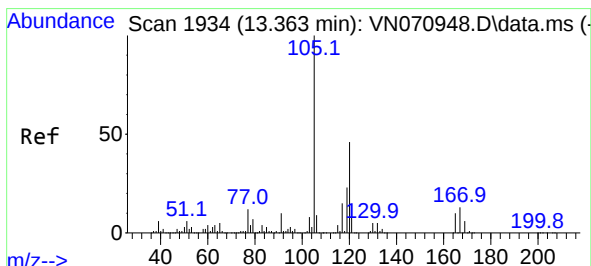
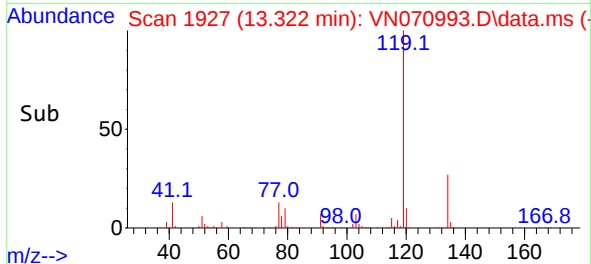
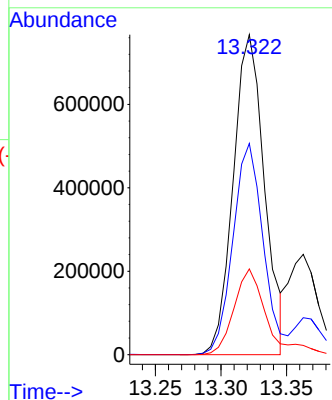


#83  
tert-Butylbenzene  
Concen: 55.086 ug/l  
RT: 13.322 min Scan# 1927  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

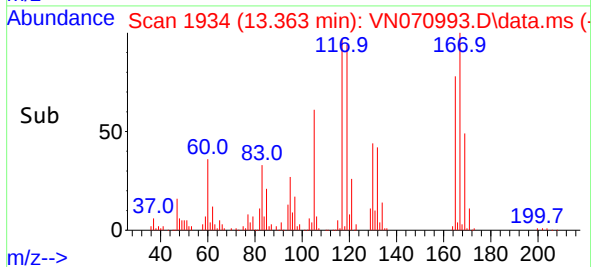
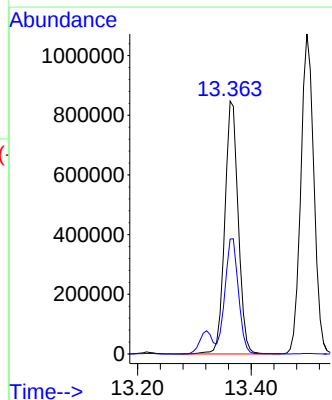
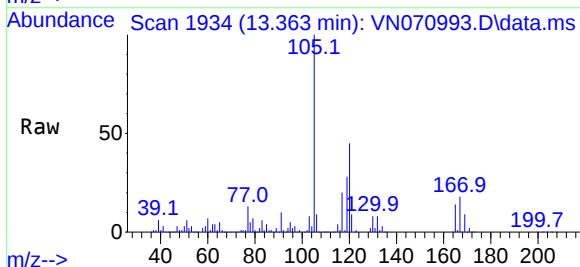


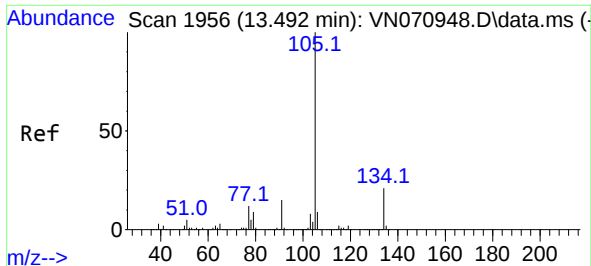
Tgt Ion:119 Resp: 1271104  
Ion Ratio Lower Upper  
119 100  
91 64.2 31.5 94.5  
134 28.0 12.4 37.4



#84  
1,2,4-Trimethylbenzene  
Concen: 58.479 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. 0.000 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion:105 Resp: 1400632  
Ion Ratio Lower Upper  
105 100  
120 45.4 22.8 68.4

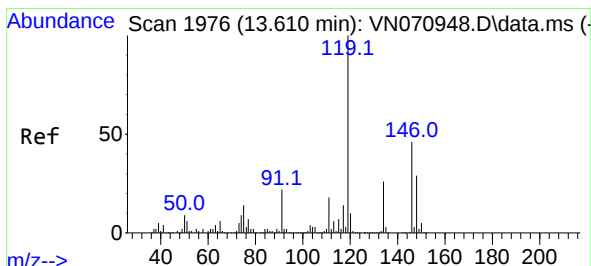
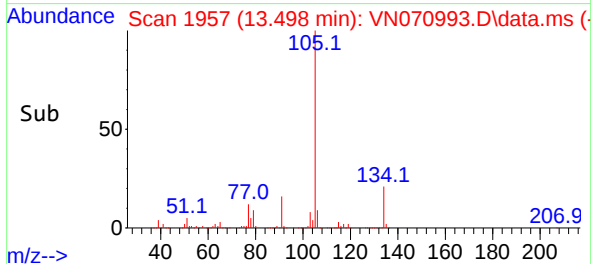
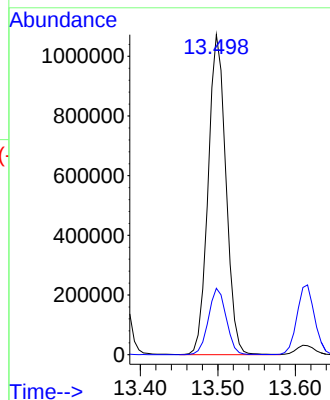
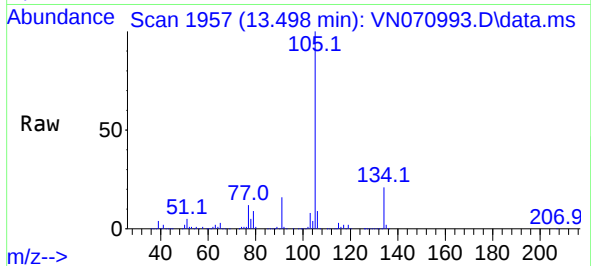




#85  
 sec-Butylbenzene  
 Concen: 56.095 ug/l  
 RT: 13.498 min Scan# 1956  
 Delta R.T. 0.006 min  
 Lab File: VN070993.D  
 Acq: 17 Feb 2022 21:18

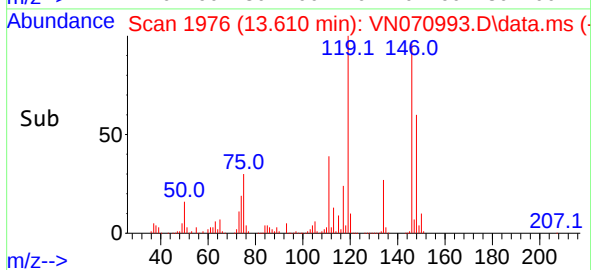
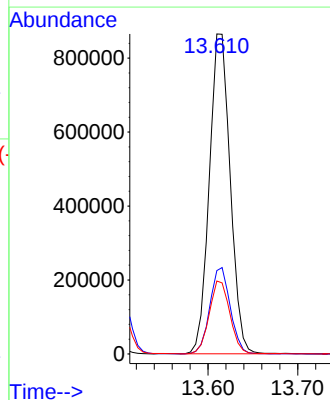
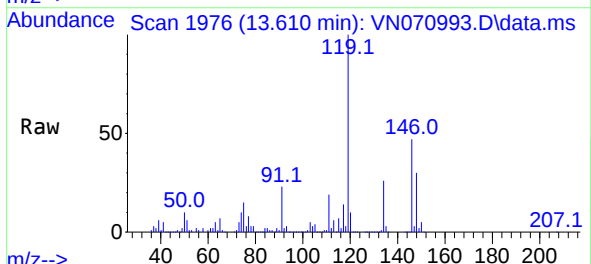
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 GR-OF-20220215MS

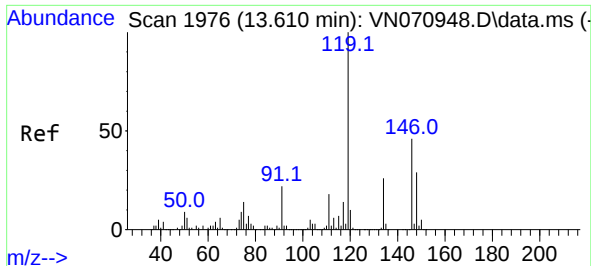
Tgt Ion:105 Resp: 1705583  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 56.028 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. 0.000 min  
 Lab File: VN070993.D  
 Acq: 17 Feb 2022 21:18

Tgt Ion:119 Resp: 1398473  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.6 40.7  
 91 22.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 52.957 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN070993.D

Acq: 17 Feb 2022 21:18

Instrument :

MSVOA\_N

ClientSampleId :

GR-OF-20220215MS

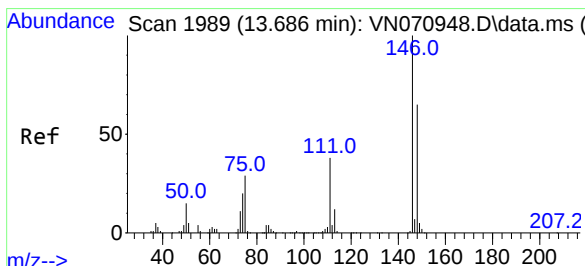
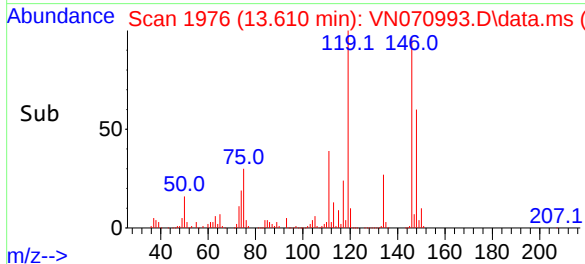
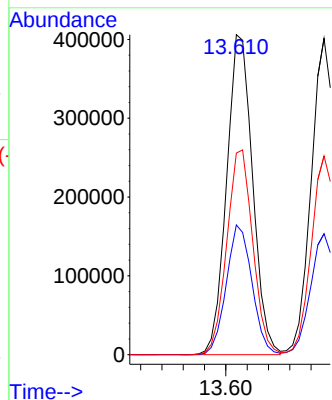
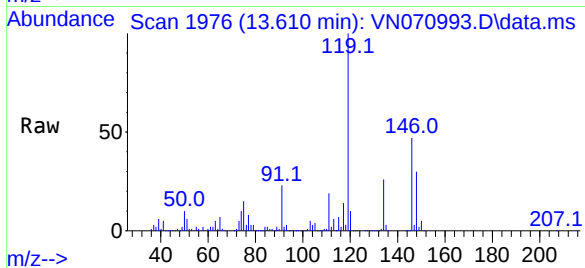
Tgt Ion:146 Resp: 689215

Ion Ratio Lower Upper

146 100

111 40.1 18.6 55.6

148 64.0 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 52.394 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. 0.006 min

Lab File: VN070993.D

Acq: 17 Feb 2022 21:18

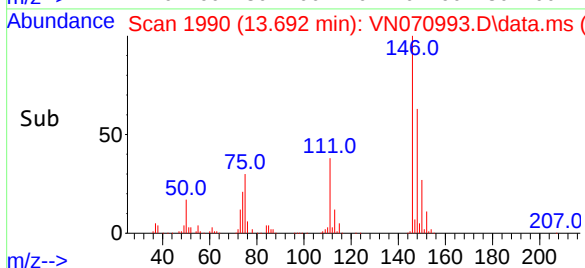
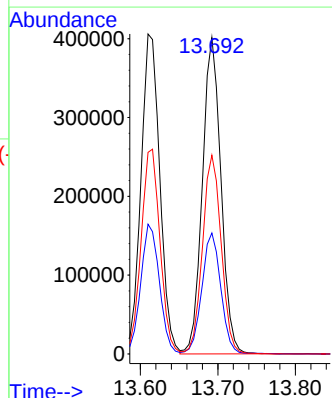
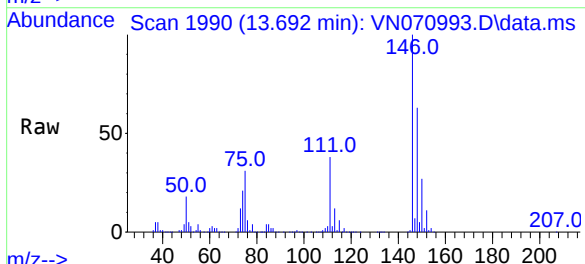
Tgt Ion:146 Resp: 668093

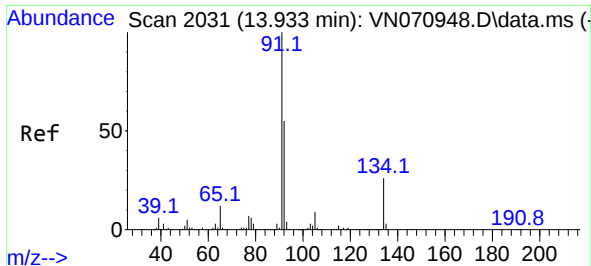
Ion Ratio Lower Upper

146 100

111 39.3 18.3 54.8

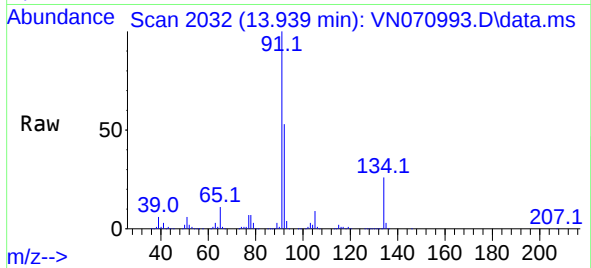
148 63.5 31.8 95.4



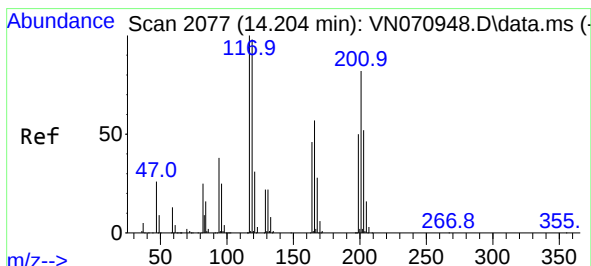
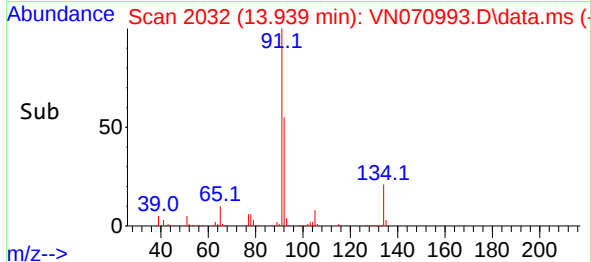
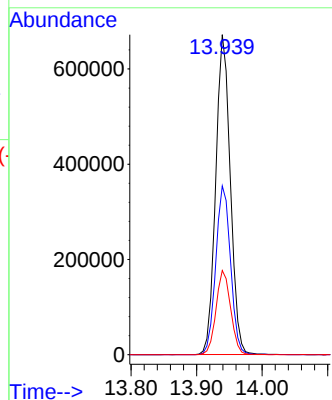


#89  
n-Butylbenzene  
Concen: 50.934 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

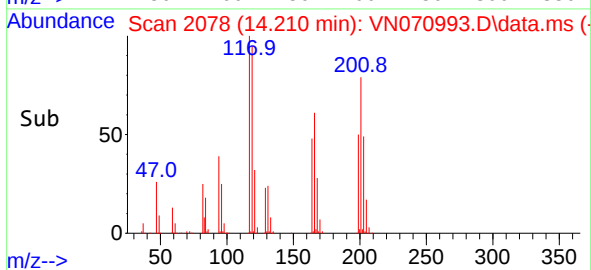
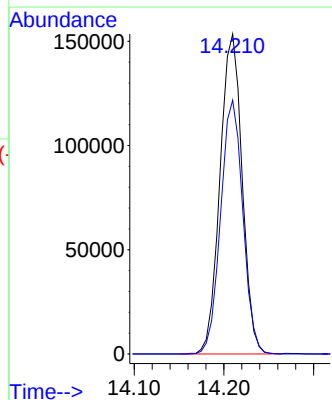
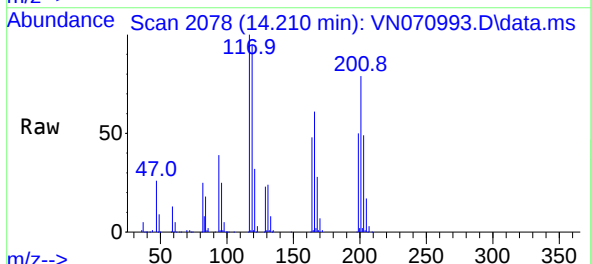


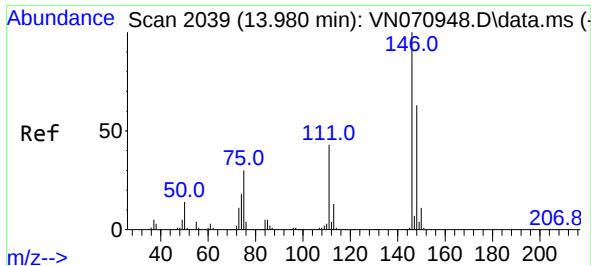
Tgt Ion: 91 Resp: 1037230  
Ion Ratio Lower Upper  
91 100  
92 53.4 25.4 76.0  
134 26.3 13.6 40.8



#90  
Hexachloroethane  
Concen: 58.964 ug/l  
RT: 14.210 min Scan# 2078  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 117 Resp: 262836  
Ion Ratio Lower Upper  
117 100  
201 79.5 43.9 131.6

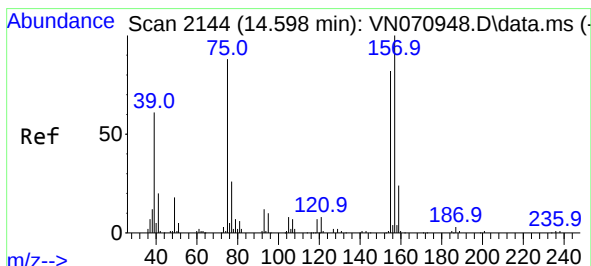
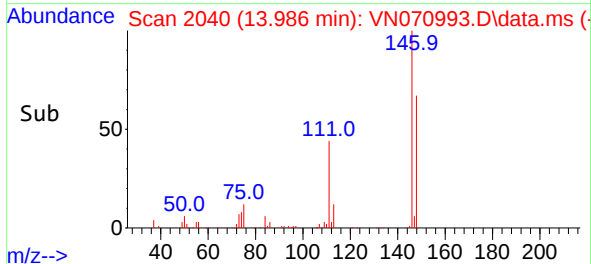
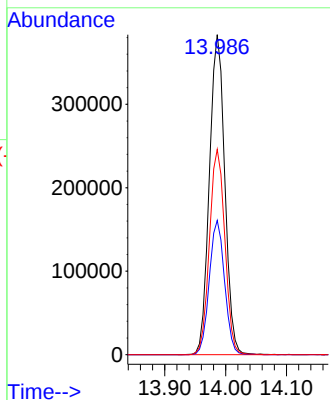
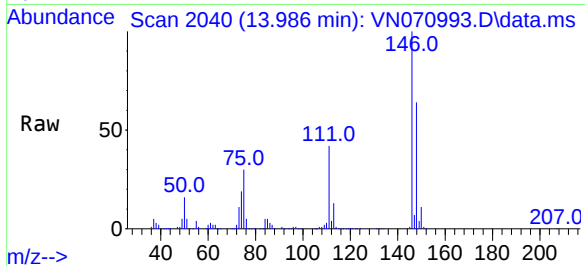




#91  
1,2-Dichlorobenzene  
Concen: 55.123 ug/l  
RT: 13.986 min Scan# 2039  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

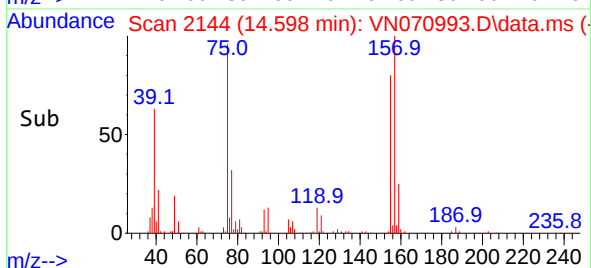
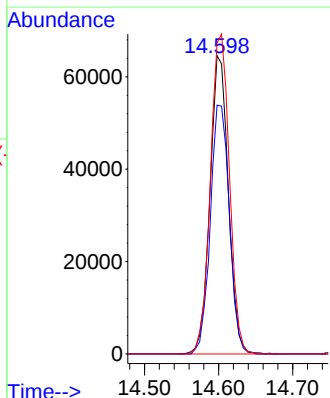
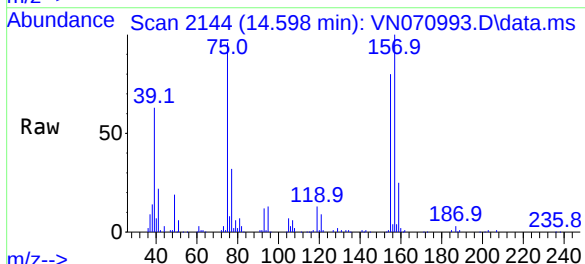
Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

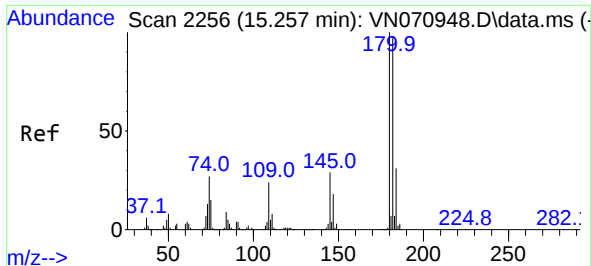
Tgt Ion:146 Resp: 673663  
Ion Ratio Lower Upper  
146 100  
111 41.7 19.1 57.3  
148 64.3 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 71.792 ug/l  
RT: 14.598 min Scan# 2144  
Delta R.T. 0.000 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion: 75 Resp: 111009  
Ion Ratio Lower Upper  
75 100  
155 86.4 46.9 140.7  
157 111.3 60.6 181.7

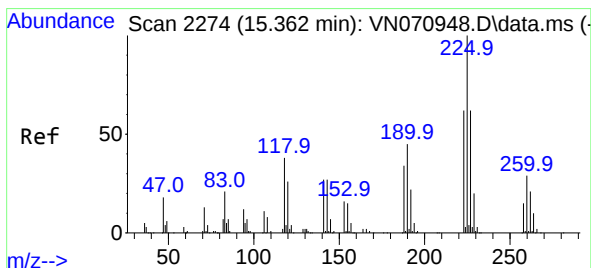
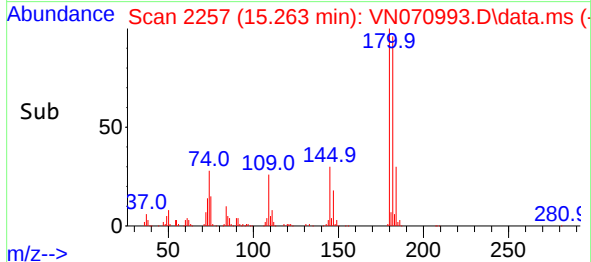
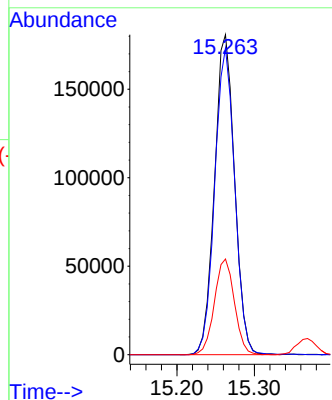
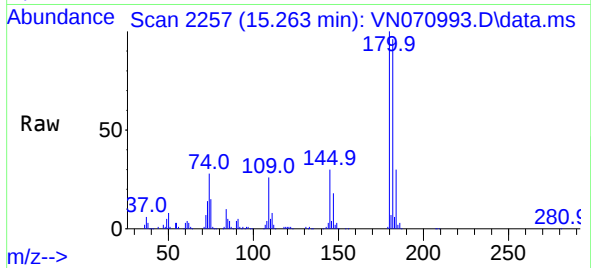




#93  
1,2,4-Trichlorobenzene  
Concen: 47.440 ug/l  
RT: 15.263 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

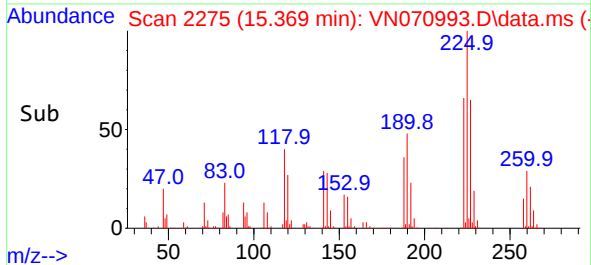
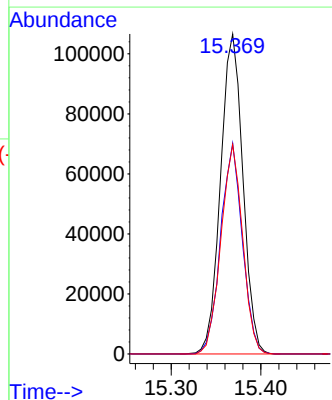
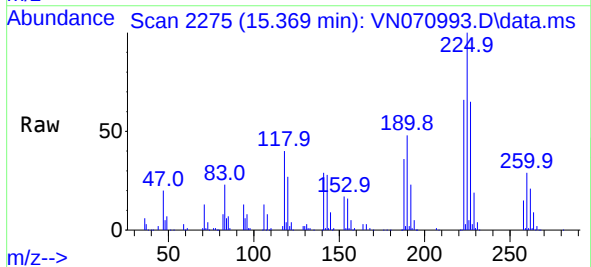
Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

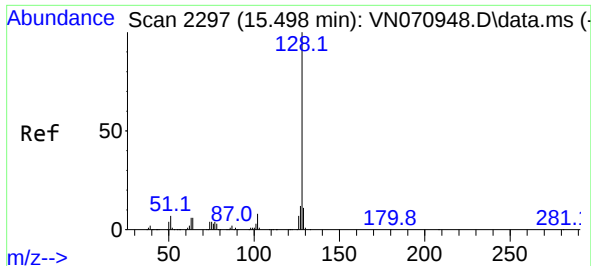
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 325150 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.7  | 48.3  | 144.9  |
| 145       | 29.9  | 14.5  | 43.5   |



#94  
Hexachlorobutadiene  
Concen: 41.327 ug/l  
RT: 15.369 min Scan# 2275  
Delta R.T. 0.007 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 184177 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 64.0  | 31.9  | 95.7   |
| 227       | 63.5  | 32.1  | 96.3   |

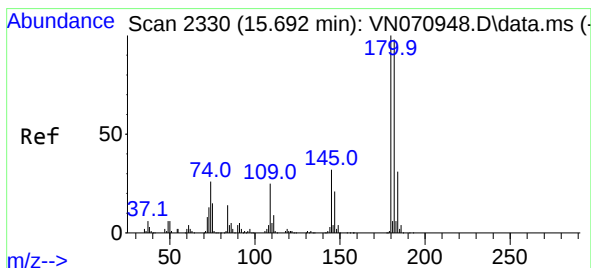
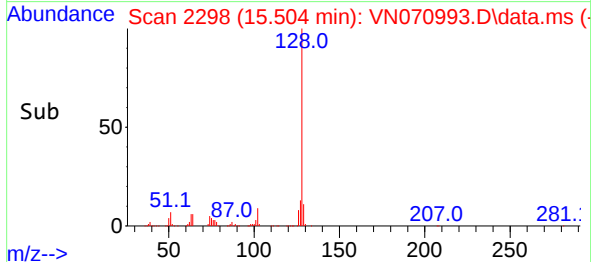
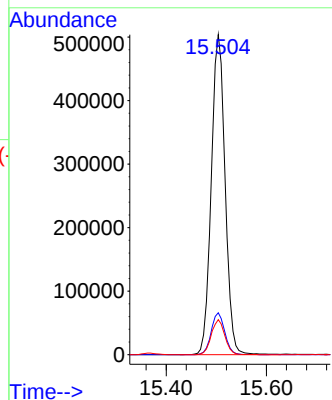
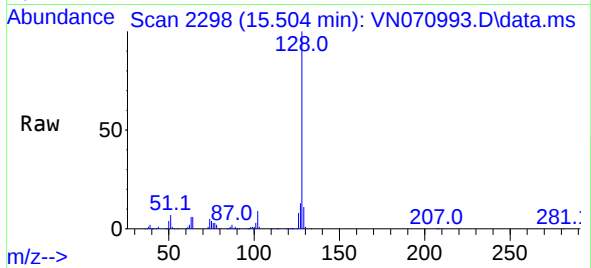




#95  
Naphthalene  
Concen: 57.054 ug/l  
RT: 15.504 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
GR-OF-20220215MS

Tgt Ion:128 Resp: 964759  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.5 15.7  
129 10.7 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 52.591 ug/l  
RT: 15.698 min Scan# 2331  
Delta R.T. 0.006 min  
Lab File: VN070993.D  
Acq: 17 Feb 2022 21:18

Tgt Ion:180 Resp: 333914  
Ion Ratio Lower Upper  
180 100  
182 94.7 47.4 142.2  
145 31.3 15.0 45.1

