

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022222\  
 Data File : VN071022.D  
 Acq On : 22 Feb 2022 12:33  
 Operator : JC\MD  
 Sample : VN0222WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0222WBS01

Quant Time: Mar 07 03:22:45 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021522W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 21 07:57:15 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.081  | 168  | 612477   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.963  | 114  | 971839   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.739 | 117  | 874215   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.669 | 152  | 342579   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.434  | 65    | 365244   | 52.204   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 104.400% |      |
| 35) Dibromofluoromethane    | 8.016  | 113   | 288355   | 49.884   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 99.760%  |      |
| 50) Toluene-d8              | 10.439 | 98    | 1130411  | 48.695   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 97.400%  |      |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 370406   | 44.640   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 89.280%  |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.069 | 85  | 111345  | 17.503  | ug/l   | 99  |
| 3) Chloromethane             | 2.299 | 50  | 145784  | 18.232  | ug/l   | 95  |
| 4) Vinyl Chloride            | 2.446 | 62  | 135826  | 16.969  | ug/l   | 100 |
| 5) Bromomethane              | 2.846 | 94  | 81909   | 18.014  | ug/l   | 98  |
| 6) Chloroethane              | 3.016 | 64  | 86649   | 16.501  | ug/l   | 93  |
| 7) Trichlorofluoromethane    | 3.375 | 101 | 183391  | 18.283  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.828 | 74  | 75047   | 17.210  | ug/l   | 93  |
| 9) 1,1,2-Trichlorotrifluo... | 4.216 | 101 | 106471  | 17.300  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.422 | 142 | 141859  | 16.643  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 5.357 | 59  | 125212  | 98.201  | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 4.181 | 96  | 102607  | 17.112  | ug/l   | 95  |
| 13) Acrolein                 | 4.040 | 56  | 114038  | 100.089 | ug/l   | 99  |
| 14) Allyl chloride           | 4.846 | 41  | 204771  | 17.906  | ug/l # | 87  |
| 15) Acrylonitrile            | 5.551 | 53  | 384792  | 102.455 | ug/l   | 99  |
| 16) Acetone                  | 4.281 | 43  | 323839  | 84.047  | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.534 | 76  | 259277  | 15.079  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.851 | 43  | 174601  | 20.338  | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 5.610 | 73  | 393891  | 18.727  | ug/l   | 97  |
| 20) Methylene Chloride       | 5.098 | 84  | 126039  | 17.999  | ug/l   | 97  |
| 21) trans-1,2-Dichloroethene | 5.593 | 96  | 112723  | 17.515  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.492 | 45  | 439694  | 20.047  | ug/l   | 94  |
| 23) Vinyl Acetate            | 6.428 | 43  | 1807145 | 97.334  | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.387 | 63  | 230759  | 18.768  | ug/l   | 98  |
| 25) 2-Butanone               | 7.328 | 43  | 514247  | 100.327 | ug/l   | 97  |
| 26) 2,2-Dichloropropane      | 7.322 | 77  | 181832  | 17.794  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 7.328 | 96  | 135103  | 18.265  | ug/l   | 94  |
| 28) Bromochloromethane       | 7.651 | 49  | 85572   | 17.196  | ug/l   | 84  |
| 29) Tetrahydrofuran          | 7.681 | 42  | 353662  | 106.508 | ug/l   | 93  |
| 30) Chloroform               | 7.816 | 83  | 223065  | 18.446  | ug/l   | 100 |
| 31) Cyclohexane              | 8.092 | 56  | 223911  | 18.505  | ug/l   | 92  |
| 32) 1,1,1-Trichloroethane    | 8.010 | 97  | 189225  | 18.120  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.216 | 75  | 167392  | 17.675  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.410 | 43  | 218237  | 21.487  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 8.204 | 117 | 165914  | 17.781  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.457 | 83  | 200639  | 16.465  | ug/l   | 92  |
| 40) Benzene                  | 8.457 | 78  | 516298  | 18.430  | ug/l   | 99  |

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 Sample : VN0222WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0222WBS01

Quant Time: Mar 07 03:22:45 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021522W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 21 07:57:15 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.639  | 41   | 107747   | 20.142  | ug/l   | 89       |
| 42) 1,2-Dichloroethane        | 8.528  | 62   | 178146   | 18.672  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.557  | 43   | 313260   | 19.567  | ug/l   | 98       |
| 44) Trichloroethene           | 9.216  | 130  | 125210   | 16.974  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.486  | 63   | 133076   | 18.545  | ug/l   | 98       |
| 46) Dibromomethane            | 9.575  | 93   | 86245    | 18.263  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.757  | 83   | 169744   | 17.785  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.557  | 41   | 147300   | 19.439  | ug/l # | 86       |
| 49) 1,4-Dioxane               | 9.563  | 88   | 55993    | 416.030 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.328 | 43   | 1005707  | 103.251 | ug/l   | 99       |
| 52) Toluene                   | 10.504 | 92   | 319018   | 18.123  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.716 | 75   | 182066   | 17.544  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.186 | 75   | 201879   | 17.713  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.892 | 97   | 129056   | 18.730  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.757 | 69   | 191959   | 18.490  | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 11.039 | 76   | 225715   | 18.938  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.039 | 63   | 156704   | 91.028  | ug/l   | 95       |
| 59) 2-Hexanone                | 11.080 | 43   | 683843   | 102.082 | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.233 | 129  | 125147   | 17.186  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.339 | 107  | 124216   | 17.724  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.975 | 164  | 113449   | 16.663  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.763 | 112  | 330639   | 17.552  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.833 | 131  | 121360   | 17.673  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.839 | 91   | 583772   | 17.706  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.951 | 106  | 446154   | 35.032  | ug/l   | 100      |
| 69) o-Xylene                  | 12.274 | 106  | 221924   | 17.838  | ug/l   | 100      |
| 70) Styrene                   | 12.292 | 104  | 339956   | 17.185  | ug/l   | 99       |
| 71) Bromoform                 | 12.451 | 173  | 93284    | 17.057  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.574 | 105  | 561802   | 20.374  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.386 | 43   | 179127   | 20.322  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.822 | 83   | 188674   | 21.532  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.874 | 75   | 222336   | 27.564  | ug/l   | 72       |
| 77) Bromobenzene              | 12.857 | 156  | 134286   | 19.893  | ug/l   | 86       |
| 78) n-propylbenzene           | 12.916 | 91   | 603007   | 19.463  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.004 | 91   | 382954   | 20.354  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 451952   | 20.231  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.622 | 75   | 49064    | 19.711  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.104 | 91   | 353786   | 19.371  | ug/l   | 95       |
| 83) tert-Butylbenzene         | 13.316 | 119  | 408783   | 19.295  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 433076   | 19.694  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 532924   | 19.090  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 423295   | 18.470  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.610 | 146  | 213625   | 17.877  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.692 | 146  | 206899   | 17.672  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.939 | 91   | 290981   | 15.563  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.204 | 117  | 80732    | 19.726  | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 209710   | 18.689  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 29508    | 20.785  | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 15.263 | 180  | 83173    | 14.659  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.368 | 225  | 60555    | 14.799  | ug/l   | 98       |
| 95) Naphthalene               | 15.504 | 128  | 164343   | 14.649  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.698 | 180  | 76844    | 15.067  | ug/l   | 99       |

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Acq On : 22 Feb 2022 12:33  
Operator : JC\MD  
Sample : VN0222WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

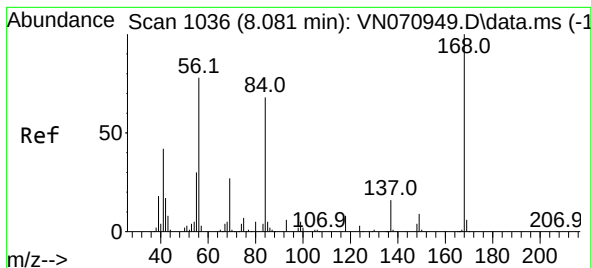
Quant Time: Mar 07 03:22:45 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021522W.M  
Quant Title : SW846 8260  
QLast Update : Mon Feb 21 07:57:15 2022  
Response via : Initial Calibration

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

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

Quant Time: Mar 07 03:22:45 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021522W.M  
Quant Title : SW846 8260  
QLast Update : Mon Feb 21 07:57:15 2022  
Response via : Initial Calibration

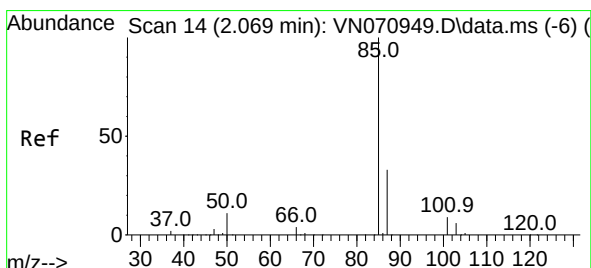
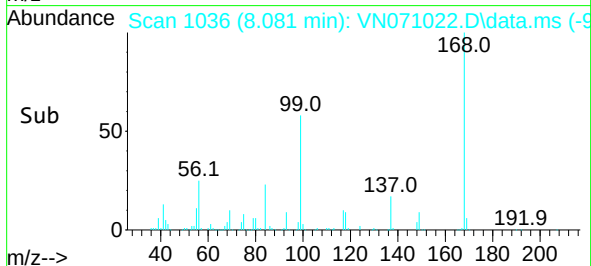
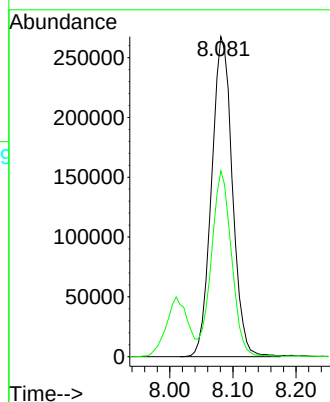
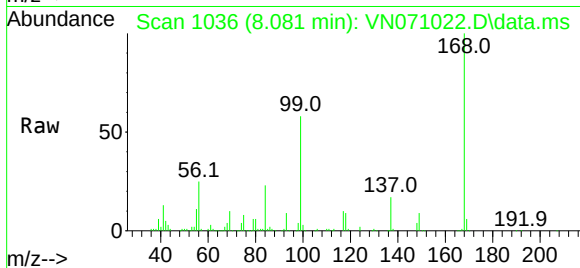




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

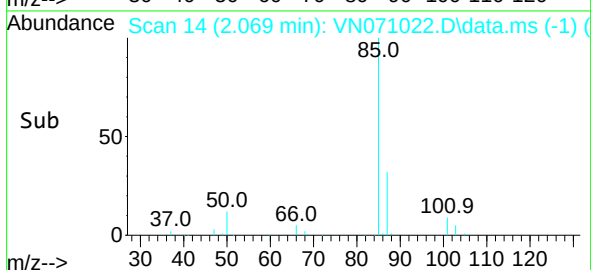
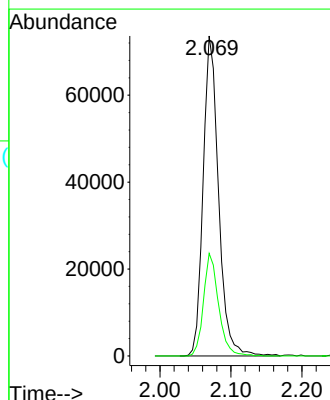
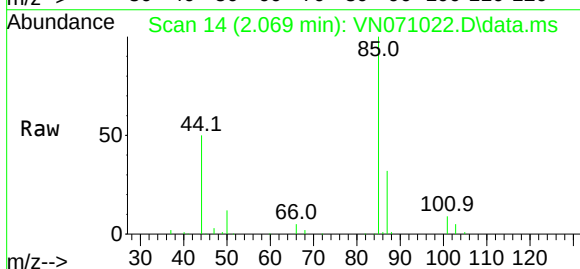
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

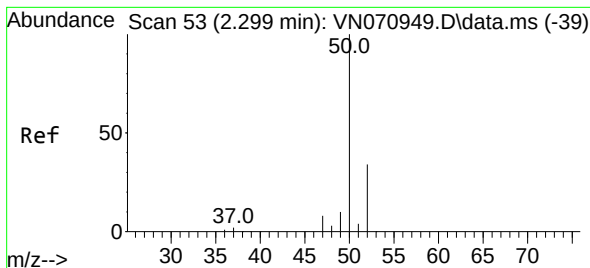
Tgt Ion:168 Resp: 612477  
Ion Ratio Lower Upper  
168 100  
99 57.9 41.3 61.9



#2  
Dichlorodifluoromethane  
Concen: 17.503 ug/l  
RT: 2.069 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion: 85 Resp: 111345  
Ion Ratio Lower Upper  
85 100  
87 32.1 16.3 48.9





#3

Chloromethane

Concen: 18.232 ug/l

RT: 2.299 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

Instrument :

MSVOA\_N

ClientSampleId :

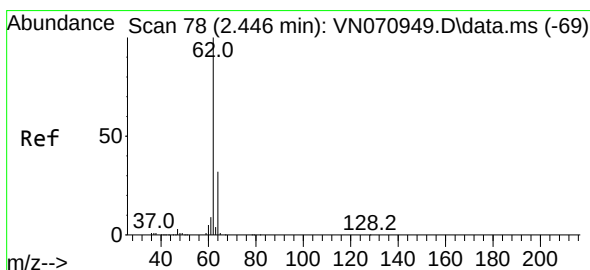
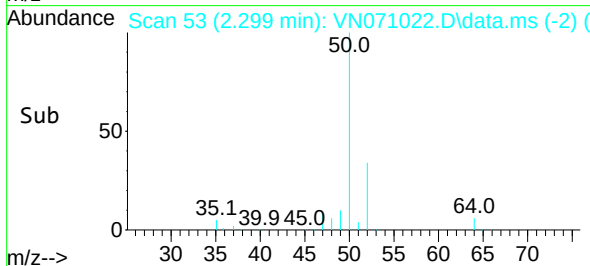
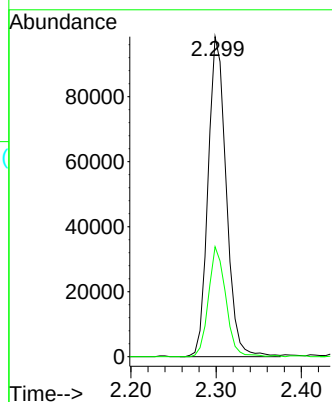
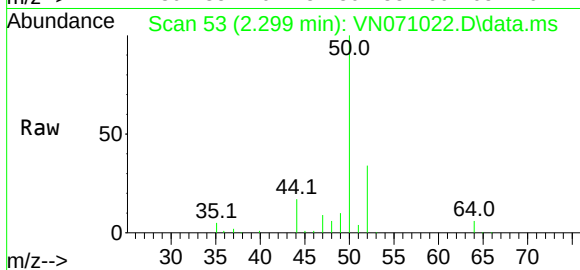
VN0222WBS01

Tgt Ion: 50 Resp: 145784

Ion Ratio Lower Upper

50 100

52 34.4 25.4 38.0



#4

Vinyl Chloride

Concen: 16.969 ug/l

RT: 2.446 min Scan# 78

Delta R.T. 0.000 min

Lab File: VN071022.D

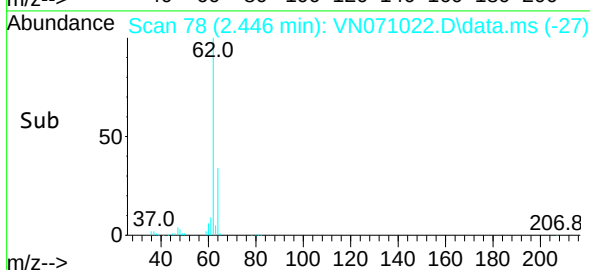
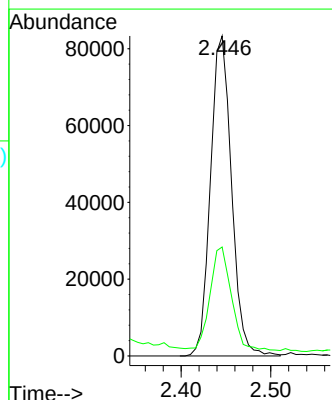
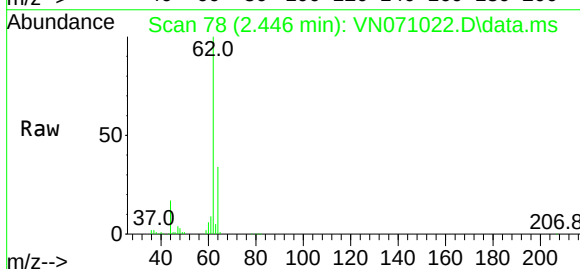
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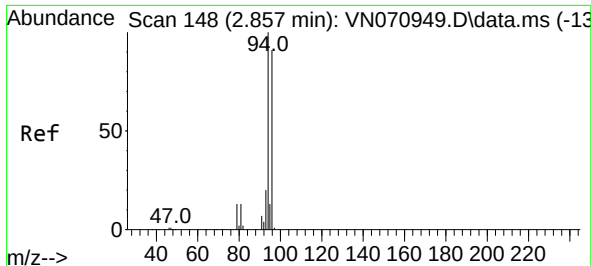
Tgt Ion: 62 Resp: 135826

Ion Ratio Lower Upper

62 100

64 32.3 25.8 38.6

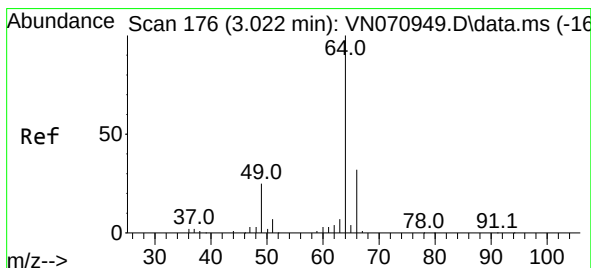
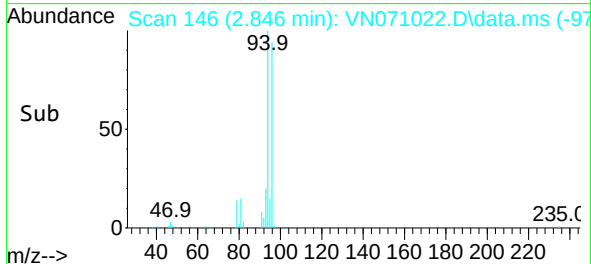
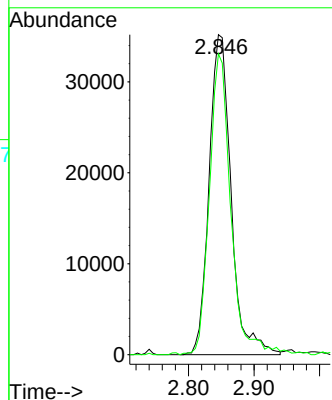
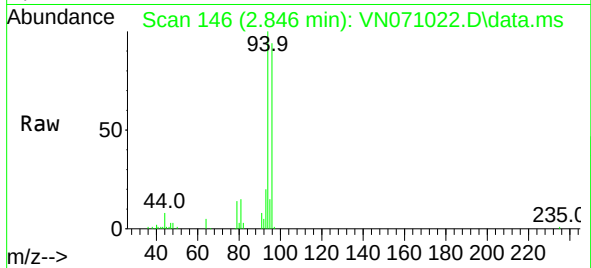




#5  
Bromomethane  
Concen: 18.014 ug/l  
RT: 2.846 min Scan# 148  
Delta R.T. -0.012 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

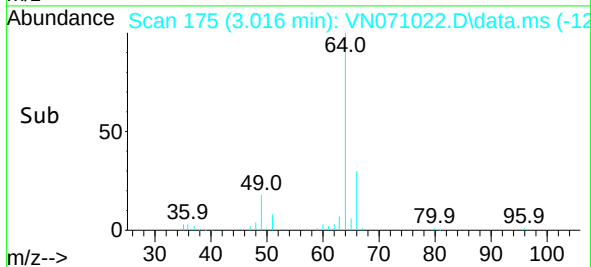
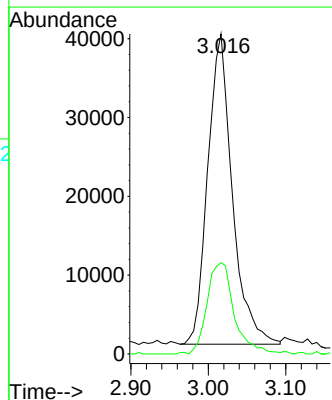
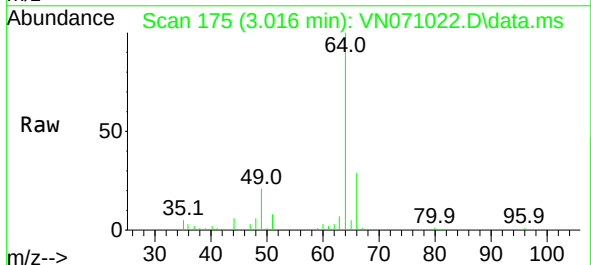
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

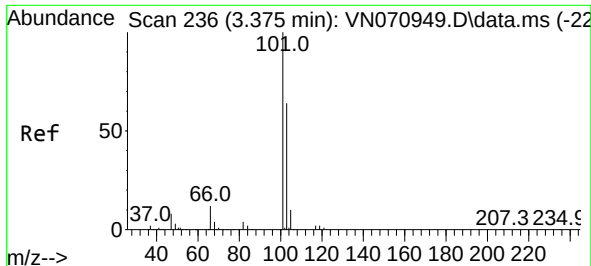
Tgt Ion: 94 Resp: 81909  
Ion Ratio Lower Upper  
94 100  
96 94.0 73.8 110.8



#6  
Chloroethane  
Concen: 16.501 ug/l  
RT: 3.016 min Scan# 175  
Delta R.T. -0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion: 64 Resp: 86649  
Ion Ratio Lower Upper  
64 100  
66 29.1 26.3 39.5

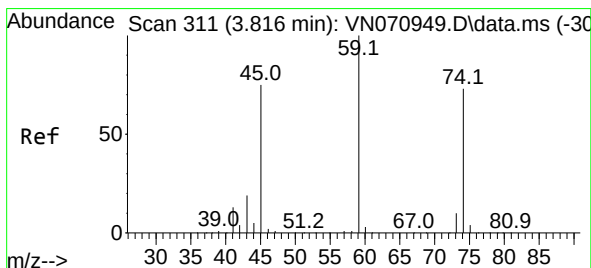
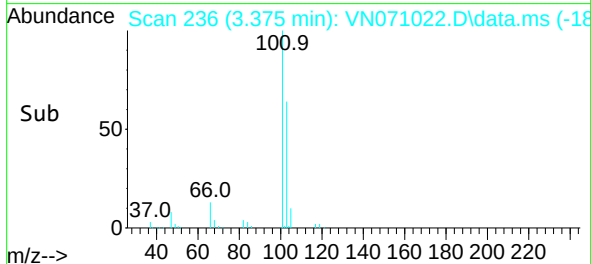
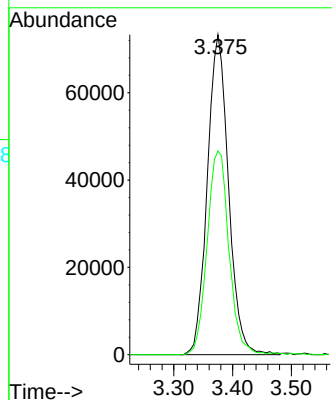
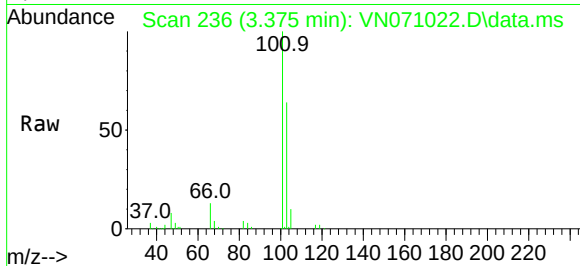




#7  
 Trichlorofluoromethane  
 Concen: 18.283 ug/l  
 RT: 3.375 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN071022.D  
 Acq: 22 Feb 2022 12:33

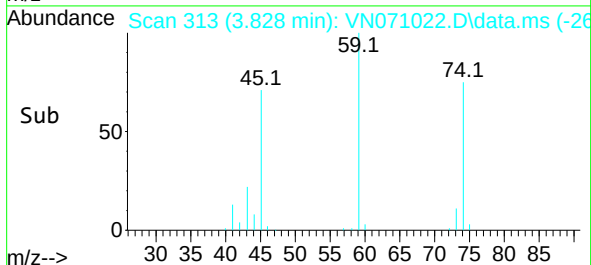
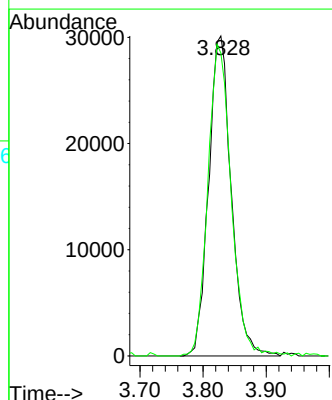
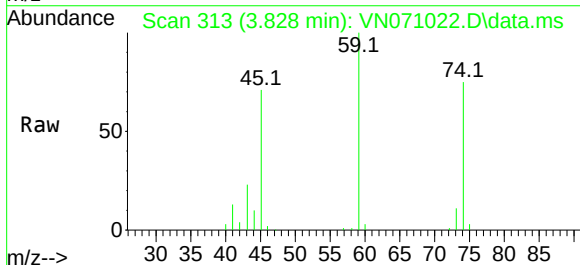
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0222WBS01

Tgt Ion:101 Resp: 183391  
 Ion Ratio Lower Upper  
 101 100  
 103 63.7 50.1 75.1

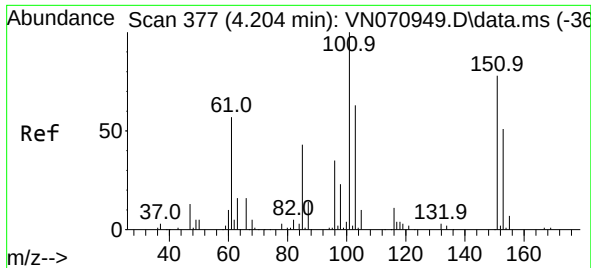


#8  
 Diethyl Ether  
 Concen: 17.210 ug/l  
 RT: 3.828 min Scan# 313  
 Delta R.T. 0.012 min  
 Lab File: VN071022.D  
 Acq: 22 Feb 2022 12:33

Tgt Ion: 74 Resp: 75047  
 Ion Ratio Lower Upper  
 74 100  
 45 100.4 47.0 141.2



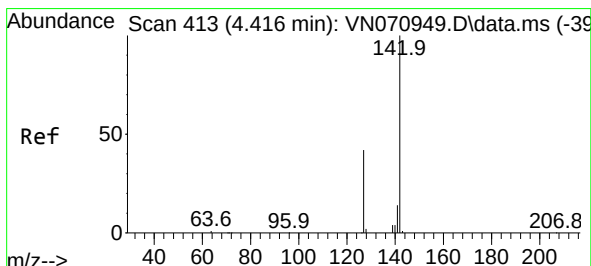
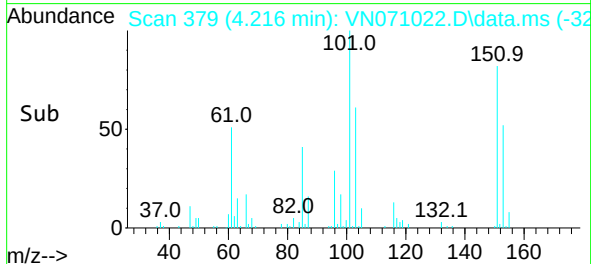
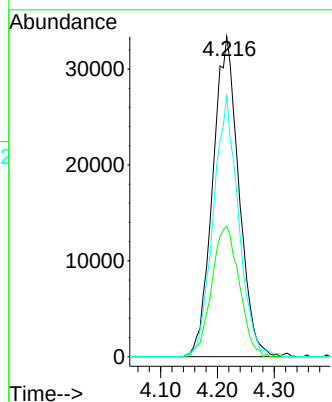
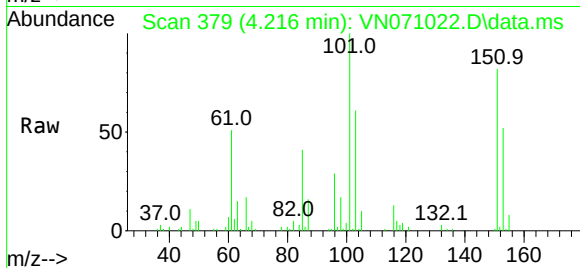




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.300 ug/l  
RT: 4.216 min Scan# 31  
Delta R.T. 0.012 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

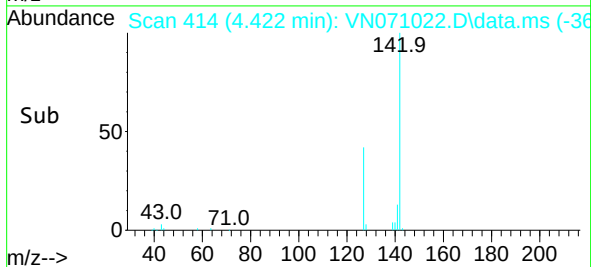
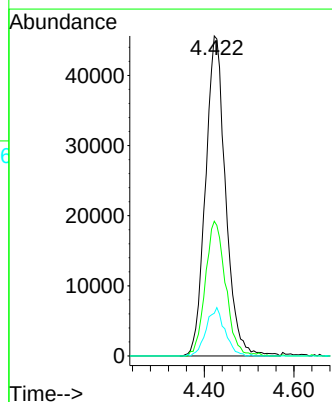
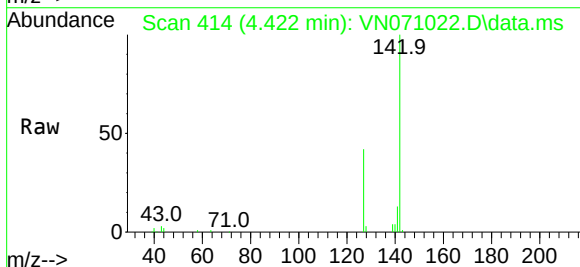
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MSVOA\_N  
ClientSampleId :  
VN0222WBS01

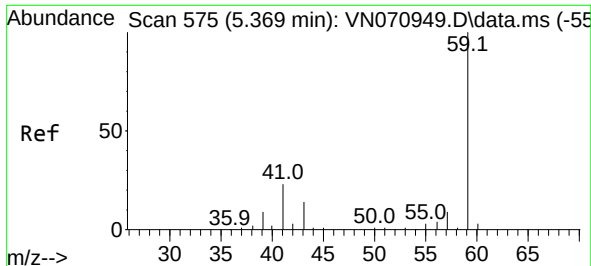
Tgt Ion:101 Resp: 106471  
Ion Ratio Lower Upper  
101 100  
85 43.0 37.2 55.8  
151 79.0 65.9 98.9



#10  
Methyl Iodide  
Concen: 16.643 ug/l  
RT: 4.422 min Scan# 414  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion:142 Resp: 141859  
Ion Ratio Lower Upper  
142 100  
127 42.5 35.4 53.0  
141 14.1 11.6 17.4

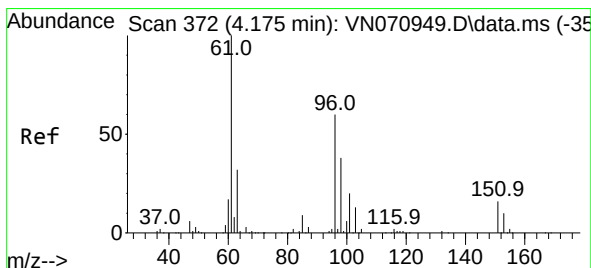
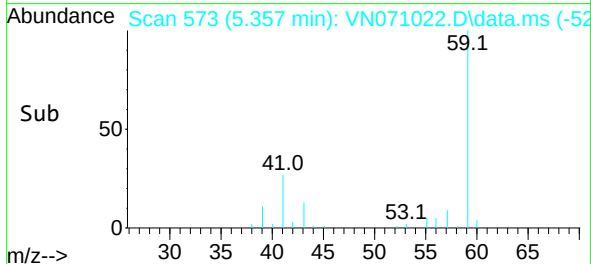
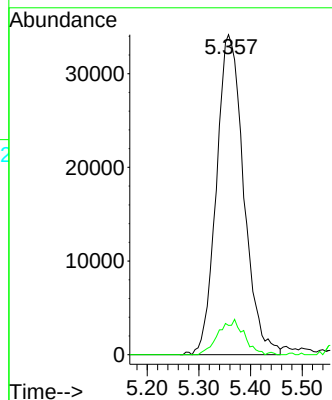
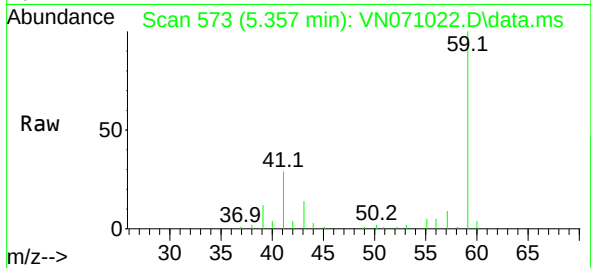




#11  
Tert butyl alcohol  
Concen: 98.201 ug/l  
RT: 5.357 min Scan# 51  
Delta R.T. -0.012 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

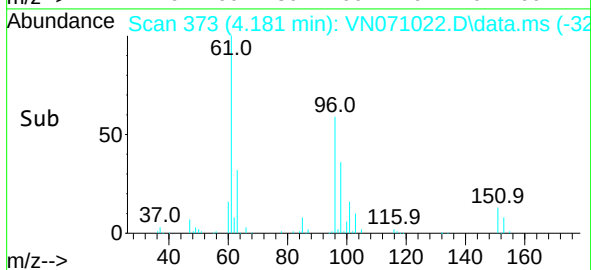
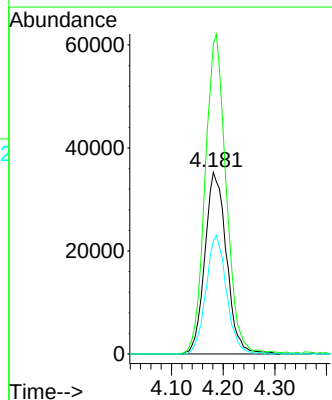
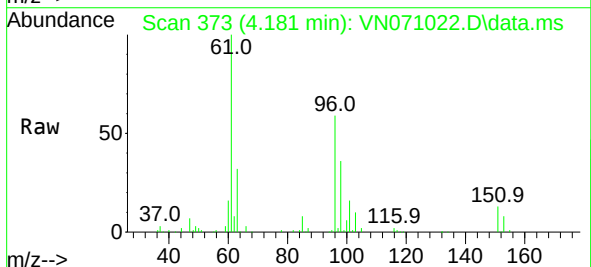
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

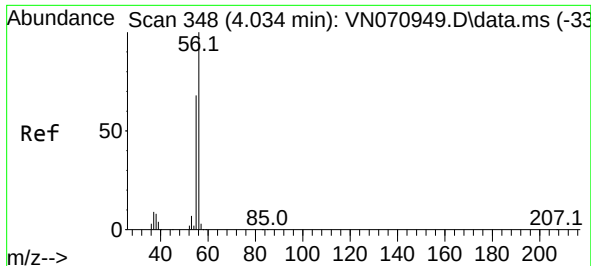
Tgt Ion: 59 Resp: 125212  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 17.112 ug/l  
RT: 4.181 min Scan# 373  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion: 96 Resp: 102607  
Ion Ratio Lower Upper  
96 100  
61 170.6 131.0 196.6  
98 62.0 52.4 78.6

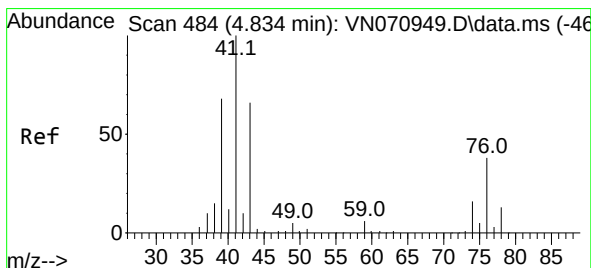
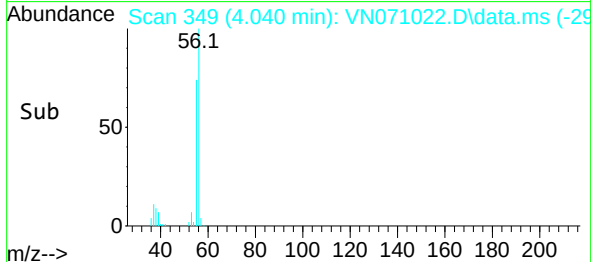
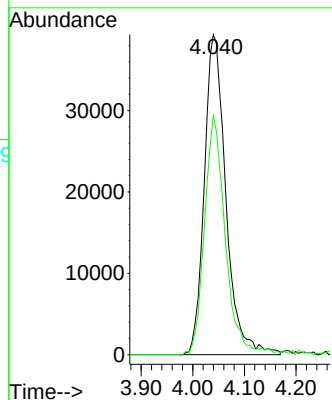
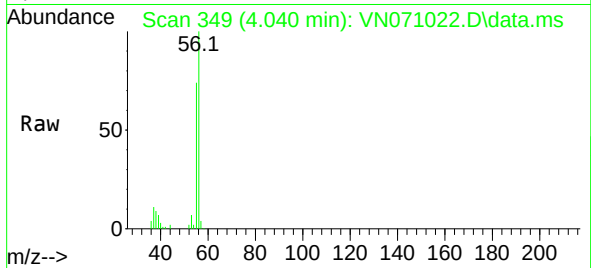




#13  
Acrolein  
Concen: 100.089 ug/l  
RT: 4.040 min Scan# 348  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

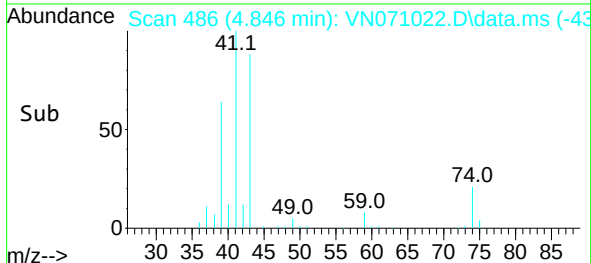
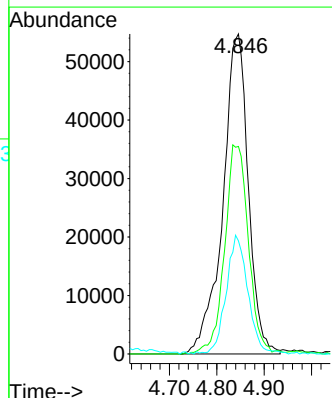
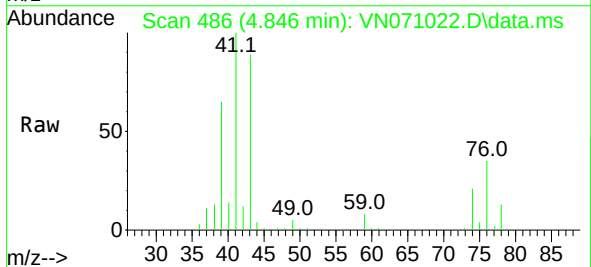
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

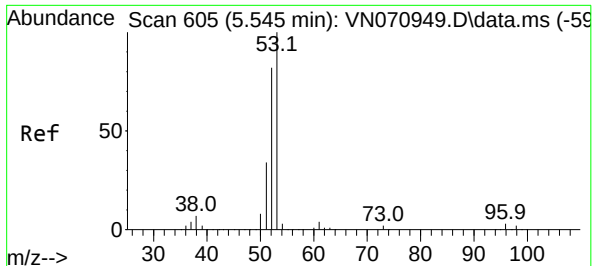
Tgt Ion: 56 Resp: 114038  
Ion Ratio Lower Upper  
56 100  
55 72.0 56.6 85.0



#14  
Allyl chloride  
Concen: 17.906 ug/l  
RT: 4.846 min Scan# 486  
Delta R.T. 0.012 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion: 41 Resp: 204771  
Ion Ratio Lower Upper  
41 100  
39 60.7 61.2 91.8#  
76 31.4 26.0 39.0

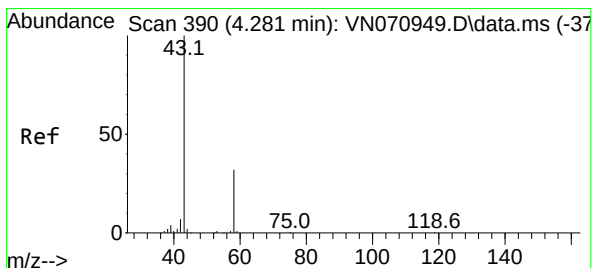
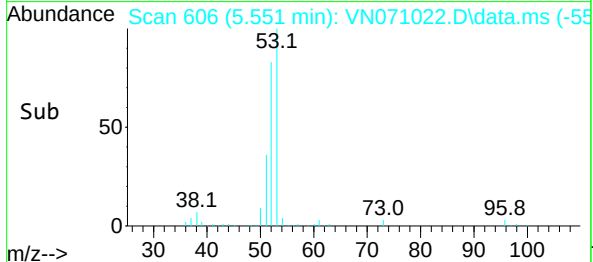
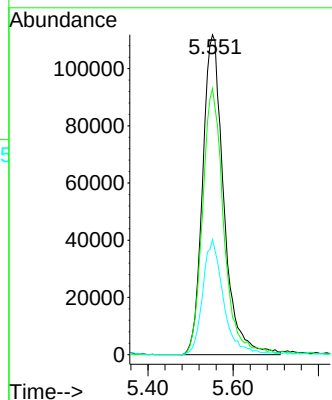
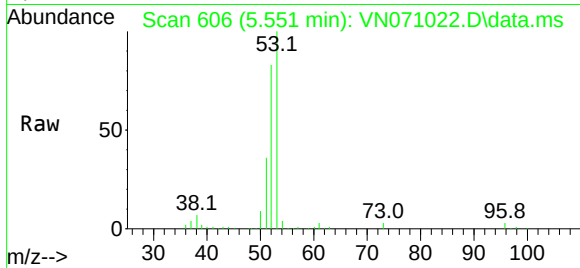




#15  
Acrylonitrile  
Concen: 102.455 ug/l  
RT: 5.551 min Scan# 605  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

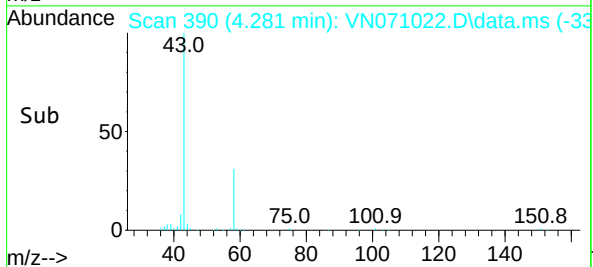
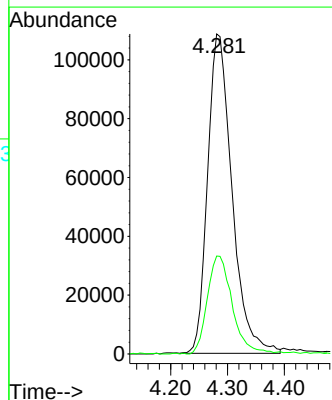
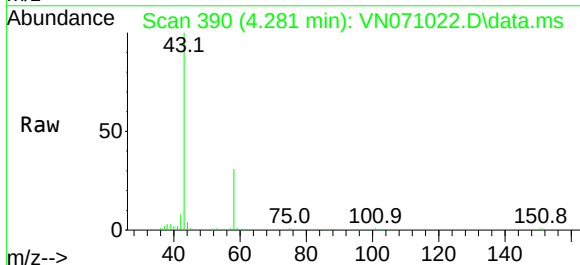
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

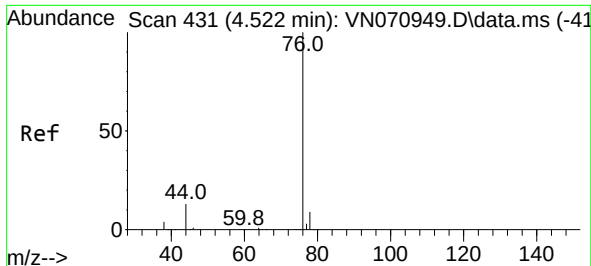
Tgt Ion: 53 Resp: 384792  
Ion Ratio Lower Upper  
53 100  
52 83.0 66.2 99.2  
51 35.6 29.6 44.4



#16  
Acetone  
Concen: 84.047 ug/l  
RT: 4.281 min Scan# 390  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion: 43 Resp: 323839  
Ion Ratio Lower Upper  
43 100  
58 30.7 23.1 34.7

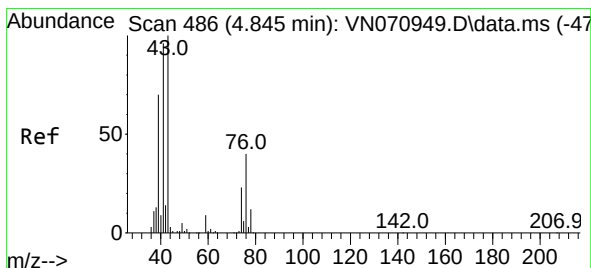
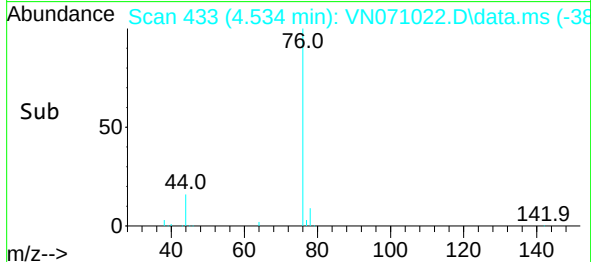
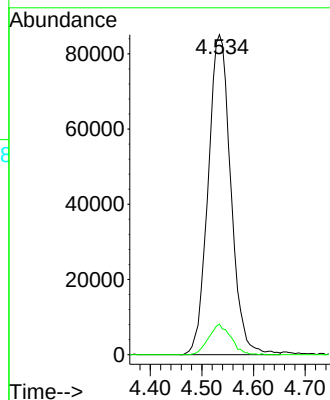
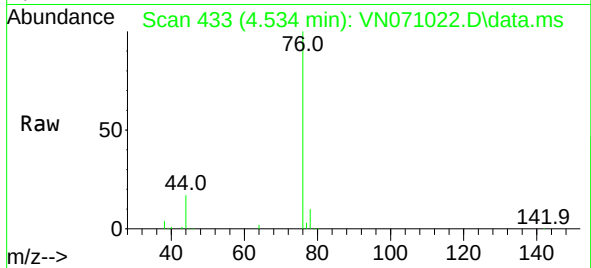




#17  
Carbon Disulfide  
Concen: 15.079 ug/l  
RT: 4.534 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

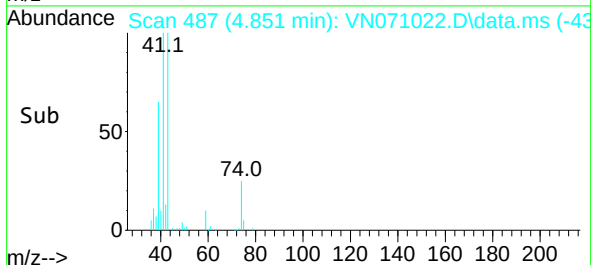
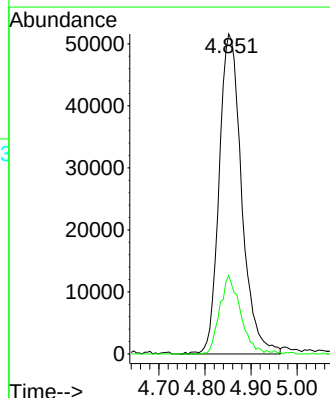
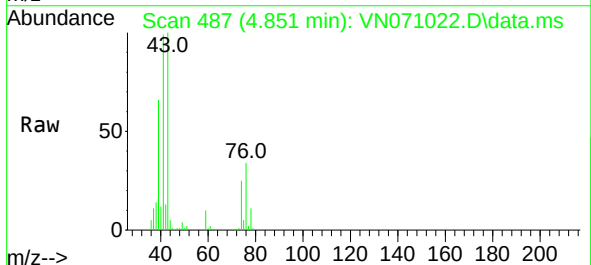
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

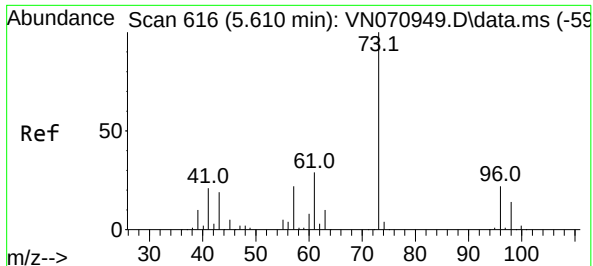
Tgt Ion: 76 Resp: 259277  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.5 11.3



#18  
Methyl Acetate  
Concen: 20.338 ug/l  
RT: 4.851 min Scan# 487  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion: 43 Resp: 174601  
Ion Ratio Lower Upper  
43 100  
74 22.7 19.4 29.2

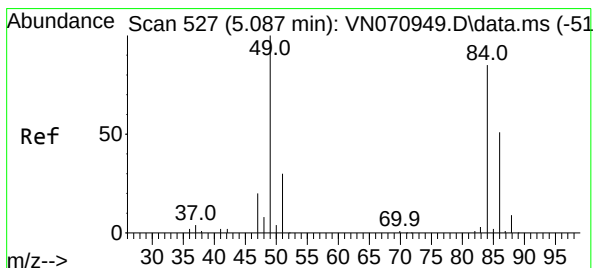
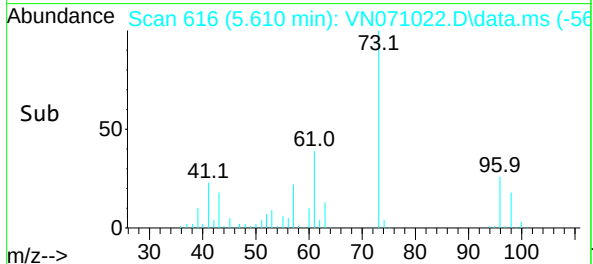
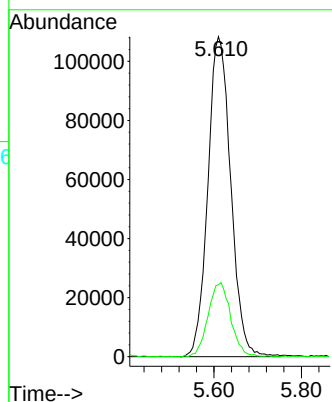
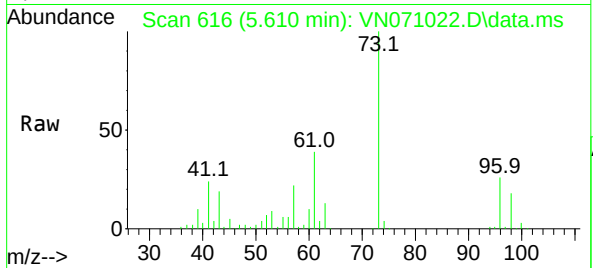




#19  
Methyl tert-butyl Ether  
Concen: 18.727 ug/l  
RT: 5.610 min Scan# 616  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

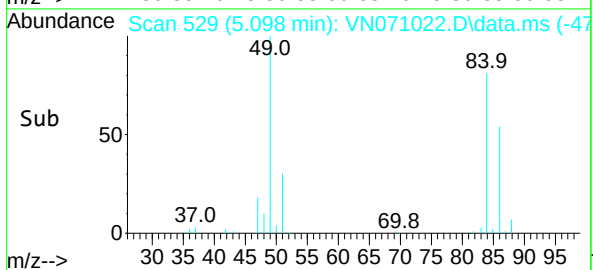
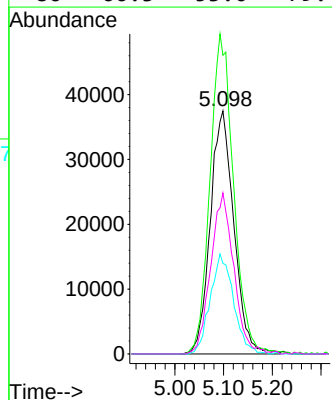
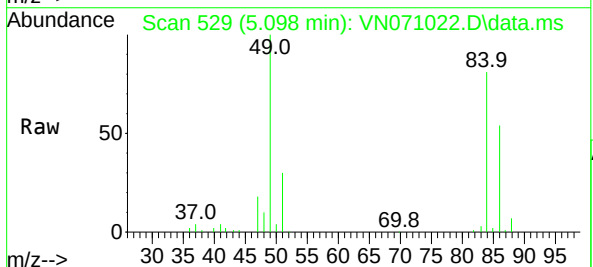
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

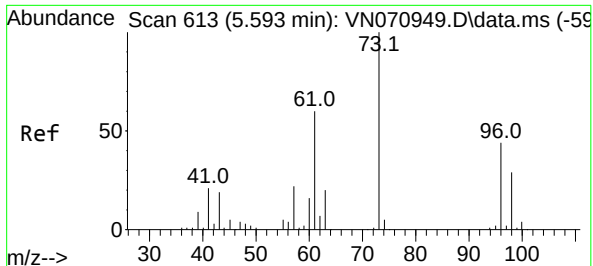
Tgt Ion: 73 Resp: 393891  
Ion Ratio Lower Upper  
73 100  
57 22.5 16.8 25.2



#20  
Methylene Chloride  
Concen: 17.999 ug/l  
RT: 5.098 min Scan# 529  
Delta R.T. 0.012 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion: 84 Resp: 126039  
Ion Ratio Lower Upper  
84 100  
49 122.9 93.5 140.3  
51 37.3 29.4 44.2  
86 66.3 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 17.515 ug/l

RT: 5.593 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

Instrument :

MSVOA\_N

ClientSampleId :

VN0222WBS01

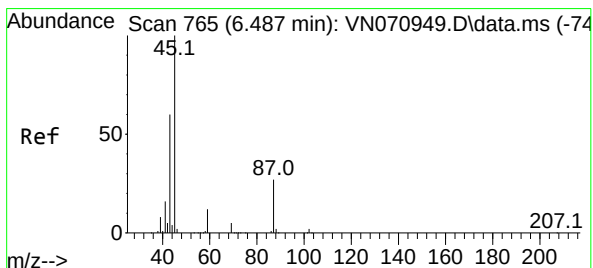
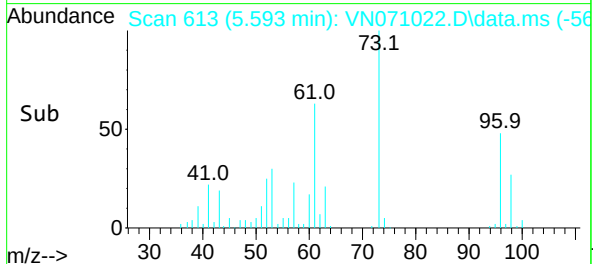
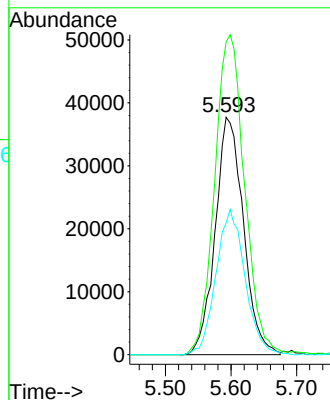
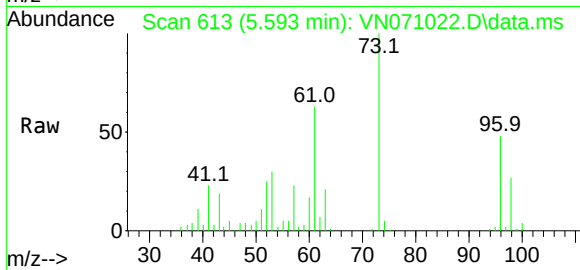
Tgt Ion: 96 Resp: 112723

Ion Ratio Lower Upper

96 100

61 131.6 105.8 158.6

98 55.5 52.0 78.0



#22

Diisopropyl ether

Concen: 20.047 ug/l

RT: 6.492 min Scan# 766

Delta R.T. 0.006 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

Tgt Ion: 45 Resp: 439694

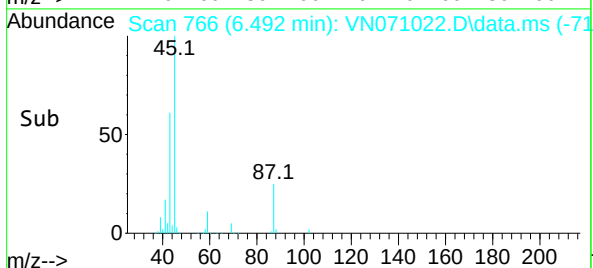
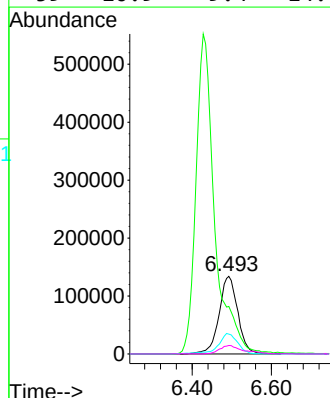
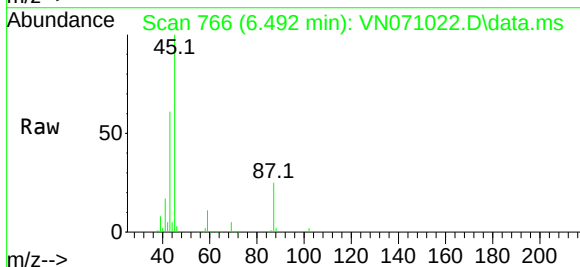
Ion Ratio Lower Upper

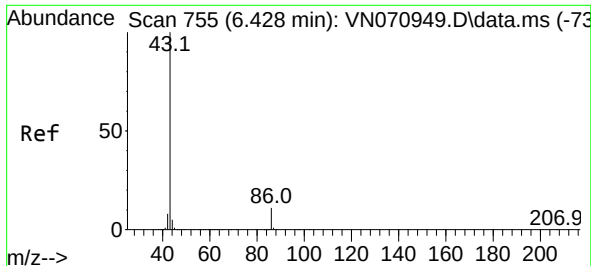
45 100

43 59.7 51.7 77.5

87 25.5 23.2 34.8

59 10.9 9.4 14.0

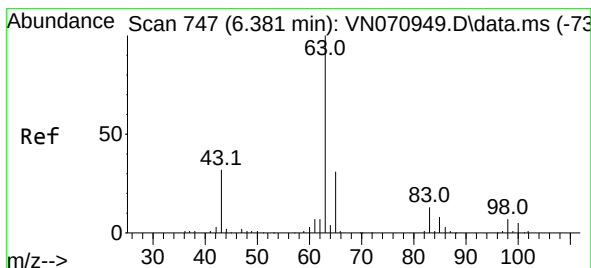
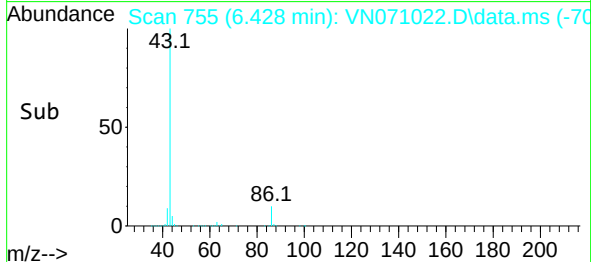
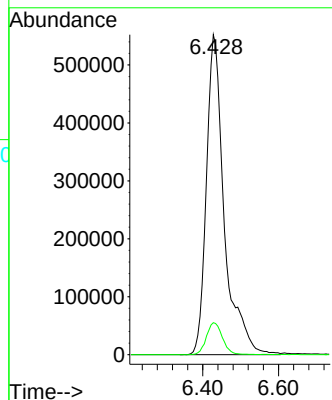
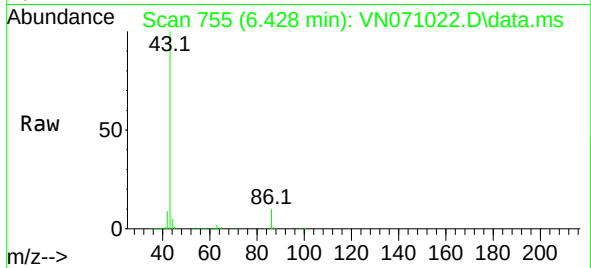




#23  
 Vinyl Acetate  
 Concen: 97.334 ug/l  
 RT: 6.428 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: VN071022.D  
 Acq: 22 Feb 2022 12:33

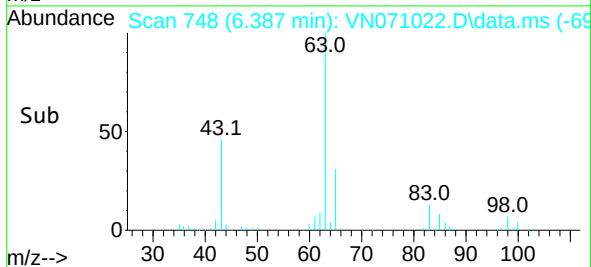
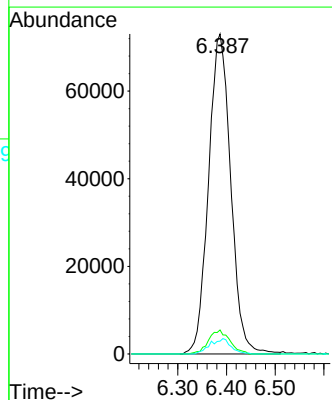
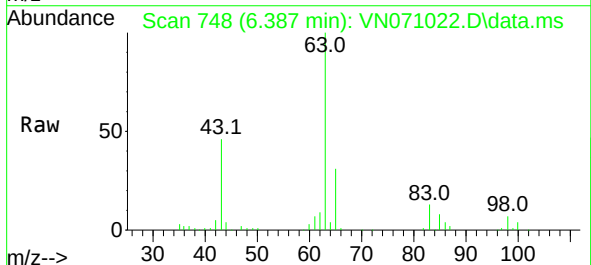
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0222WBS01

Tgt Ion: 43 Resp: 1807145  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 8.5 12.7

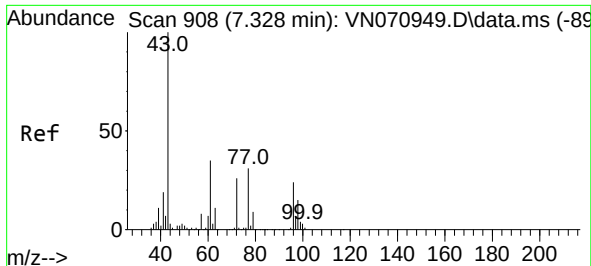


#24  
 1,1-Dichloroethane  
 Concen: 18.768 ug/l  
 RT: 6.387 min Scan# 748  
 Delta R.T. 0.006 min  
 Lab File: VN071022.D  
 Acq: 22 Feb 2022 12:33

Tgt Ion: 63 Resp: 230759  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.3 9.9  
 100 4.0 2.1 6.5



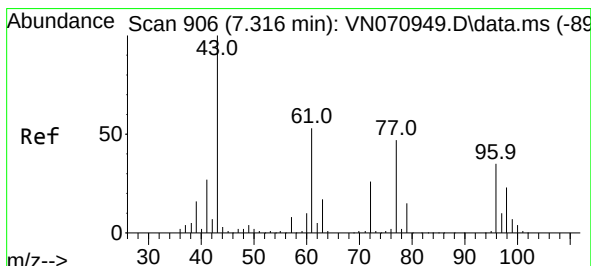
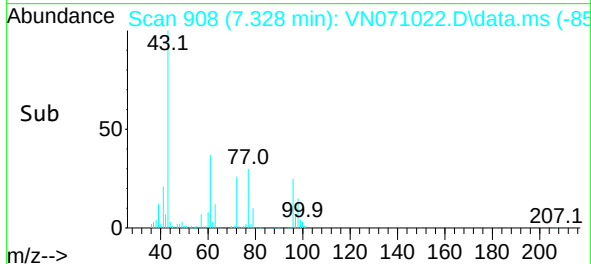
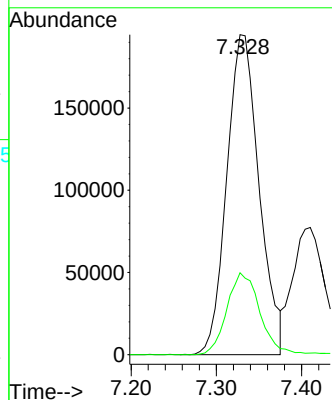
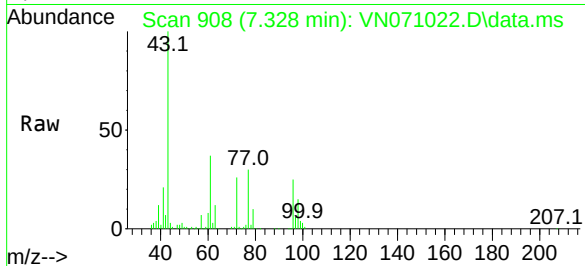




#25  
2-Butanone  
Concen: 100.327 ug/l  
RT: 7.328 min Scan# 908  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

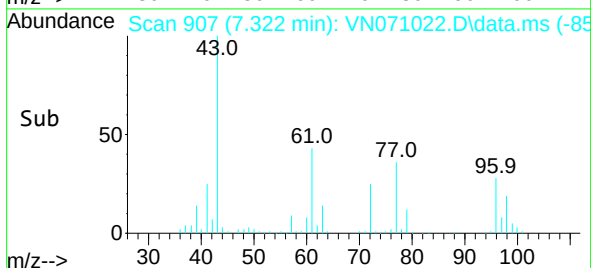
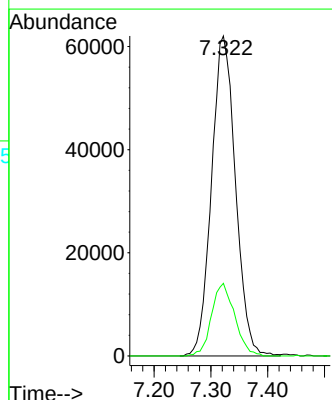
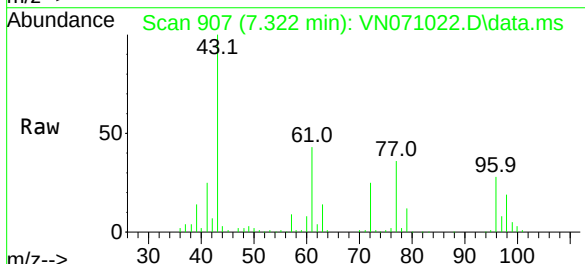
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

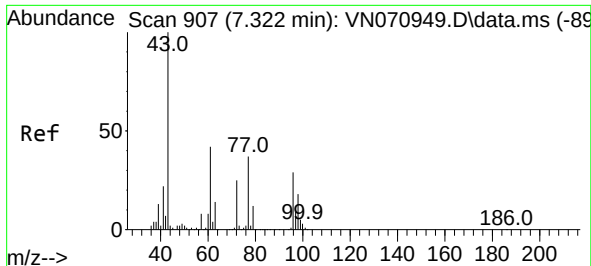
Tgt Ion: 43 Resp: 514247  
Ion Ratio Lower Upper  
43 100  
72 25.6 21.7 32.5



#26  
2,2-Dichloropropane  
Concen: 17.794 ug/l  
RT: 7.322 min Scan# 907  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion: 77 Resp: 181832  
Ion Ratio Lower Upper  
77 100  
97 22.0 11.6 34.8

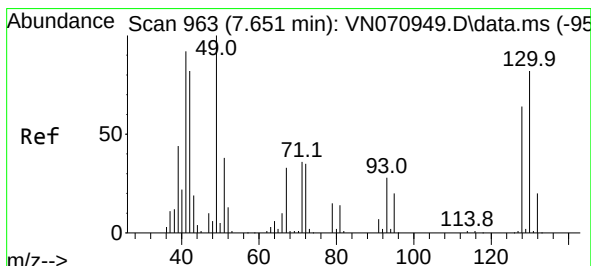
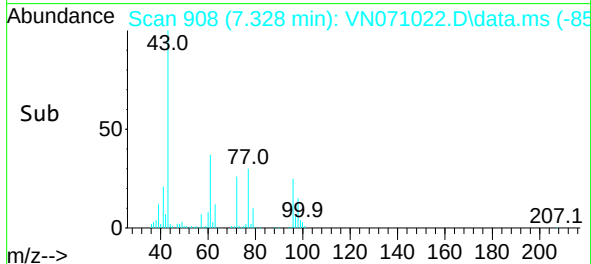
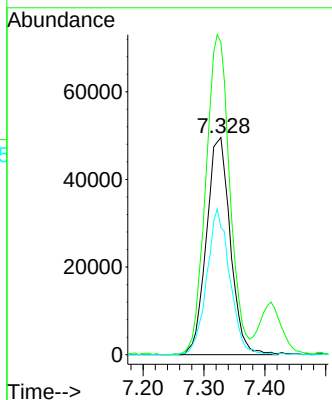
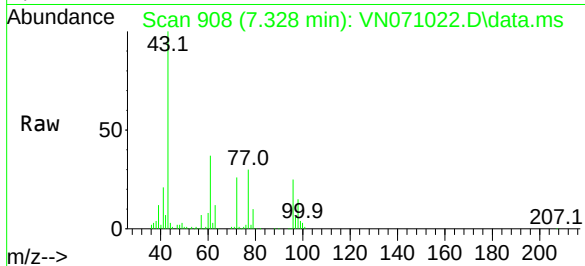




#27  
 cis-1,2-Dichloroethene  
 Concen: 18.265 ug/l  
 RT: 7.328 min Scan# 907  
 Delta R.T. 0.006 min  
 Lab File: VN071022.D  
 Acq: 22 Feb 2022 12:33

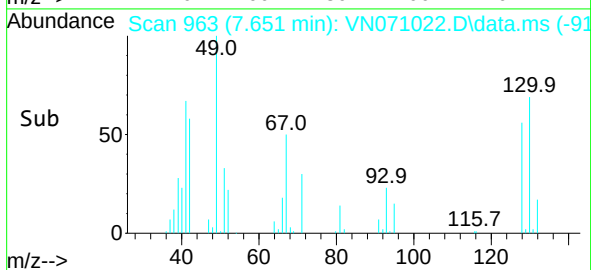
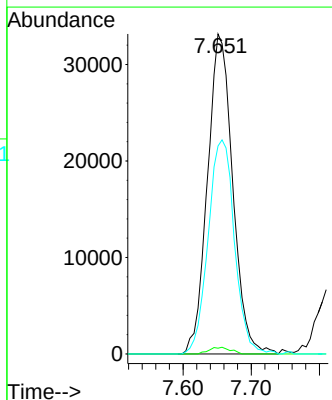
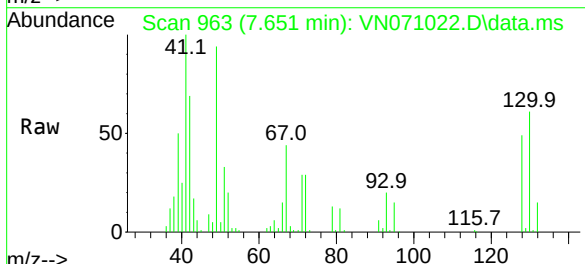
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0222WBS01

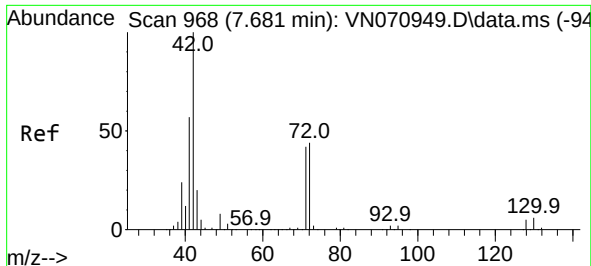
Tgt Ion: 96 Resp: 135103  
 Ion Ratio Lower Upper  
 96 100  
 61 147.5 0.0 275.0  
 98 64.7 0.0 129.6



#28  
 Bromochloromethane  
 Concen: 17.196 ug/l  
 RT: 7.651 min Scan# 963  
 Delta R.T. 0.000 min  
 Lab File: VN071022.D  
 Acq: 22 Feb 2022 12:33

Tgt Ion: 49 Resp: 85572  
 Ion Ratio Lower Upper  
 49 100  
 129 1.8 0.0 4.0  
 130 69.7 67.8 101.8





#29

Tetrahydrofuran

Concen: 106.508 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

Instrument :

MSVOA\_N

ClientSampleId :

VN0222WBS01

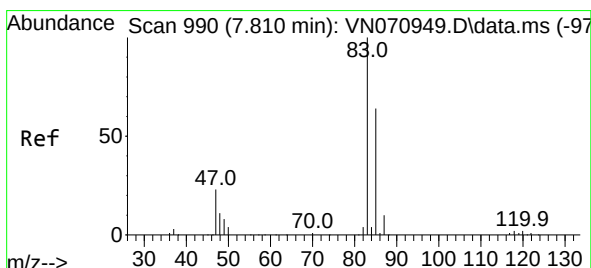
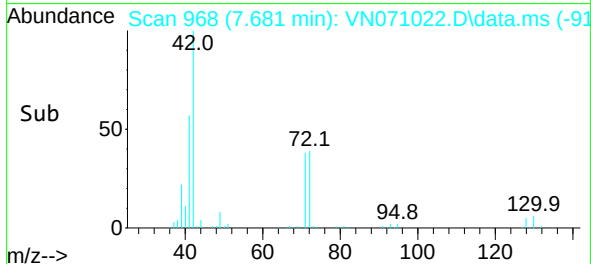
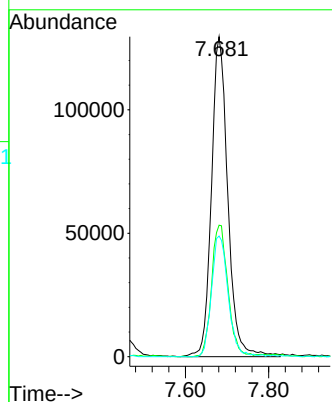
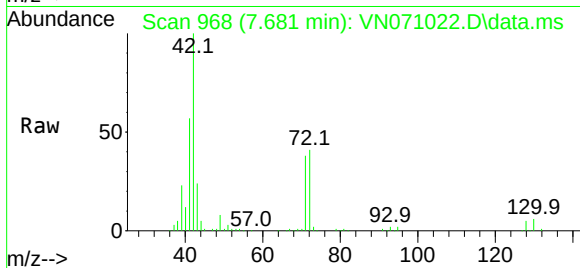
Tgt Ion: 42 Resp: 353662

Ion Ratio Lower Upper

42 100

72 41.1 36.3 54.5

71 38.3 34.7 52.1



#30

Chloroform

Concen: 18.446 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN071022.D

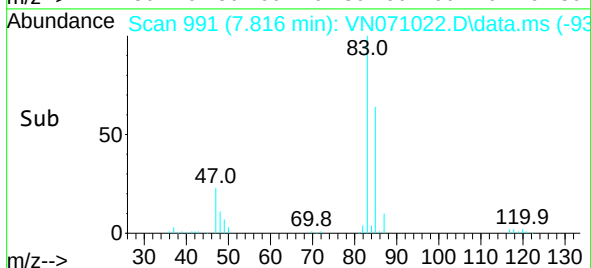
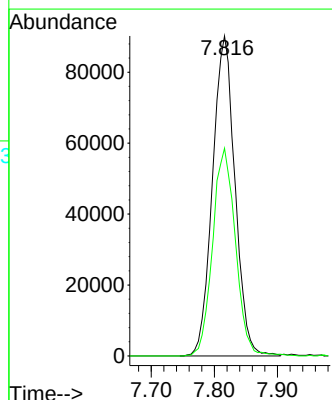
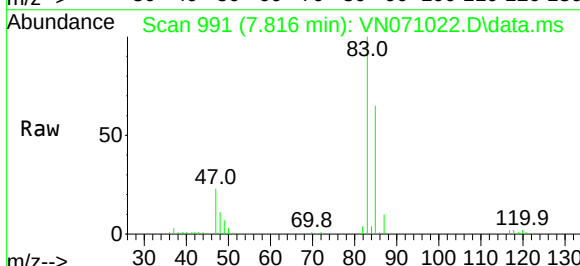
Acq: 22 Feb 2022 12:33

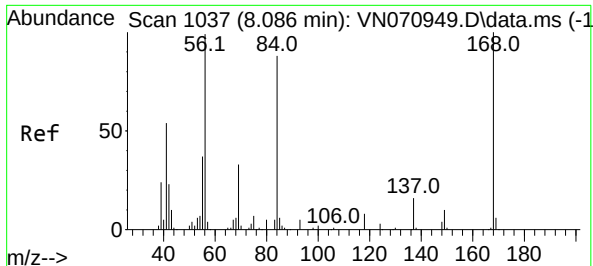
Tgt Ion: 83 Resp: 223065

Ion Ratio Lower Upper

83 100

85 64.9 51.9 77.9

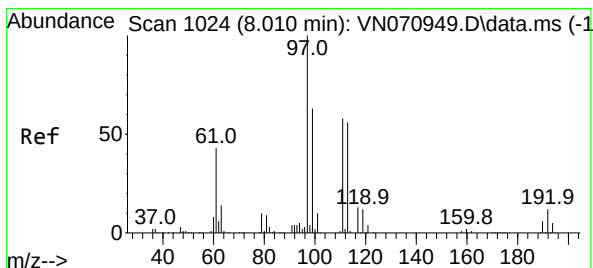
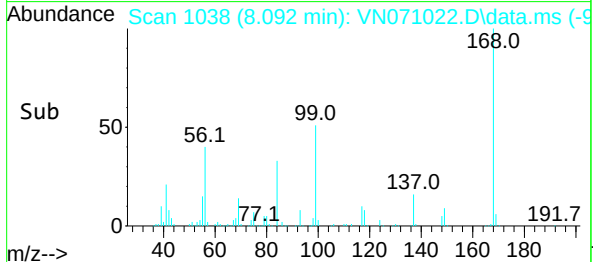
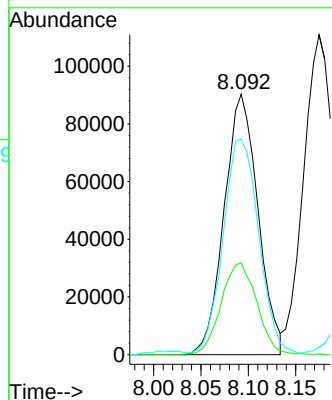
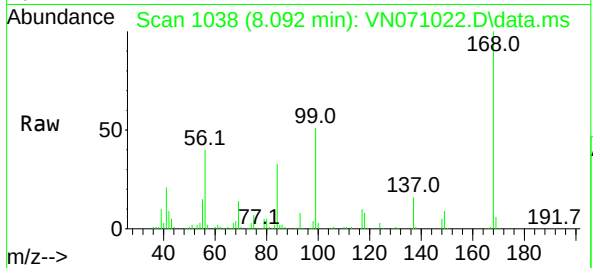




#31  
Cyclohexane  
Concen: 18.505 ug/l  
RT: 8.092 min Scan# 1038  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

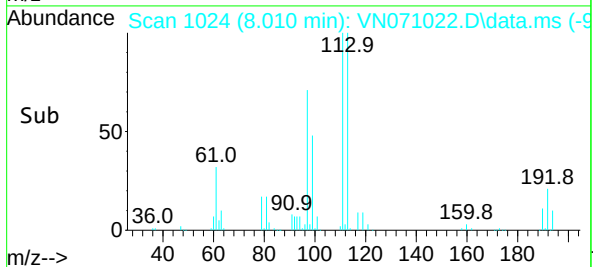
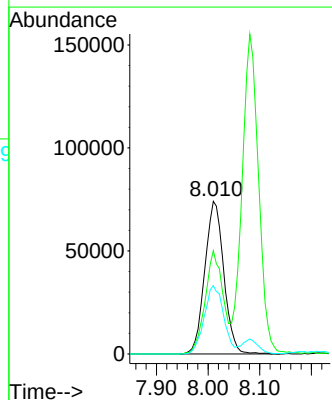
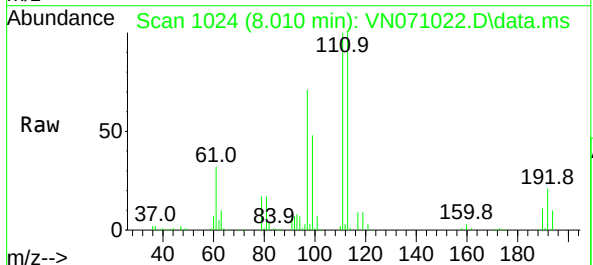
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

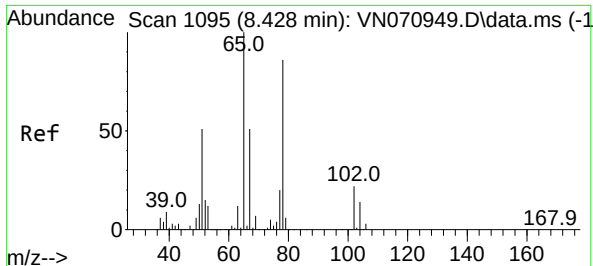
Tgt Ion: 56 Resp: 223911  
Ion Ratio Lower Upper  
56 100  
69 35.3 27.1 40.7  
84 81.7 73.4 110.0



#32  
1,1,1-Trichloroethane  
Concen: 18.120 ug/l  
RT: 8.010 min Scan# 1024  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion: 97 Resp: 189225  
Ion Ratio Lower Upper  
97 100  
99 62.4 50.1 75.1  
61 45.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.204 ug/l

RT: 8.434 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

Instrument :

MSVOA\_N

ClientSampleId :

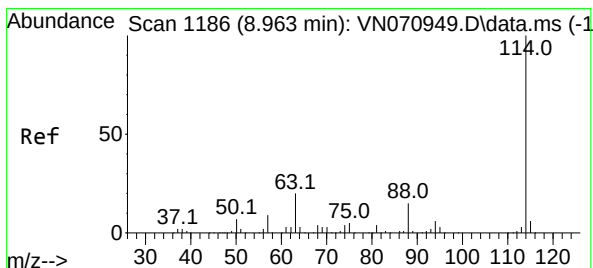
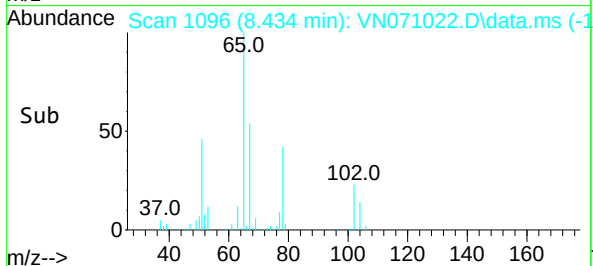
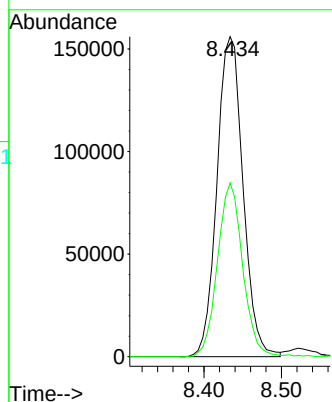
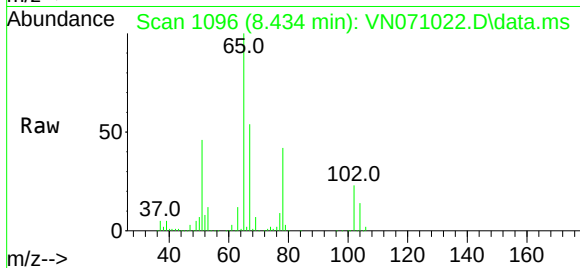
VN0222WBS01

Tgt Ion: 65 Resp: 365244

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

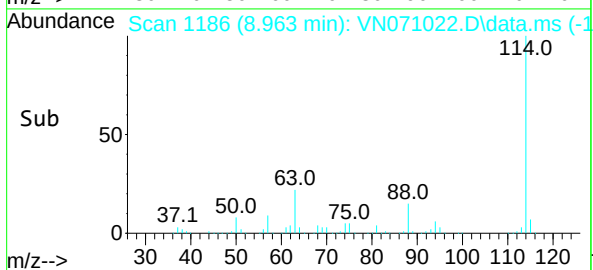
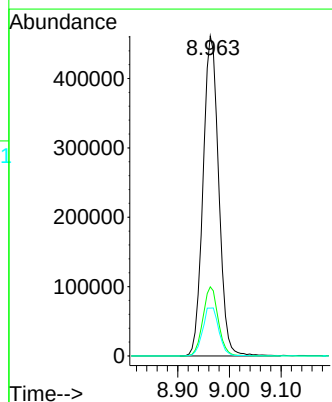
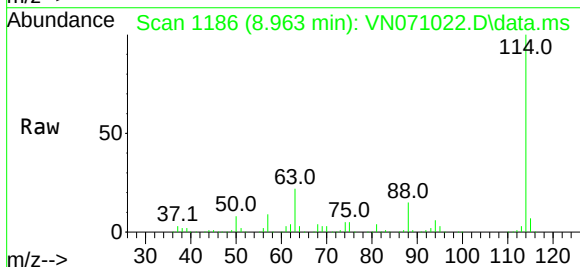
Tgt Ion: 114 Resp: 971839

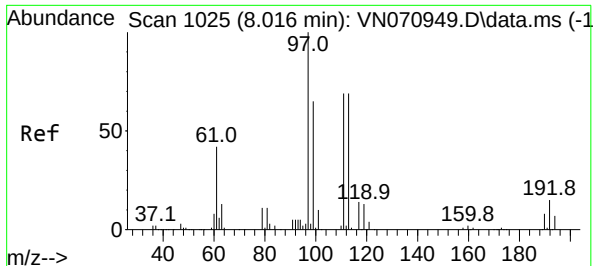
Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.8

88 15.0 0.0 27.4

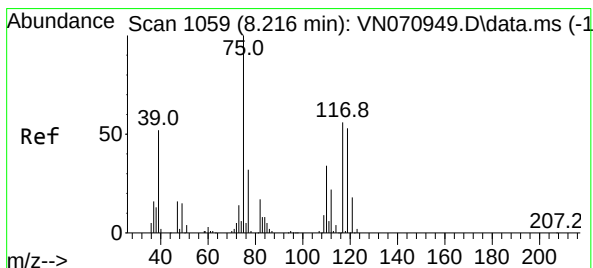
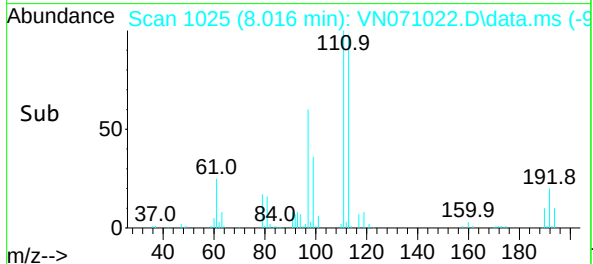
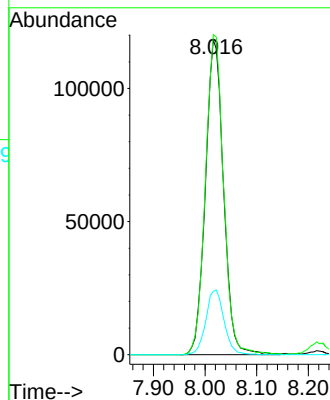
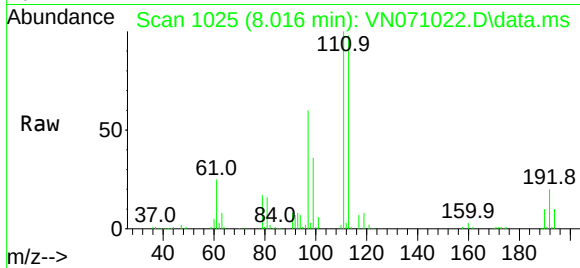




#35  
Dibromofluoromethane  
Concen: 49.884 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

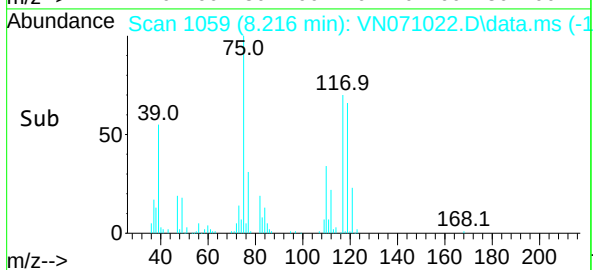
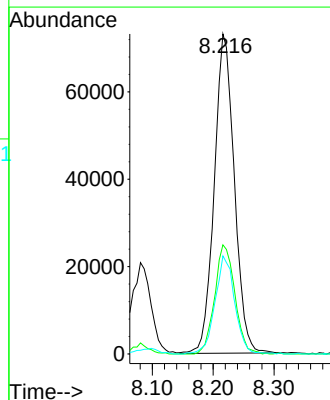
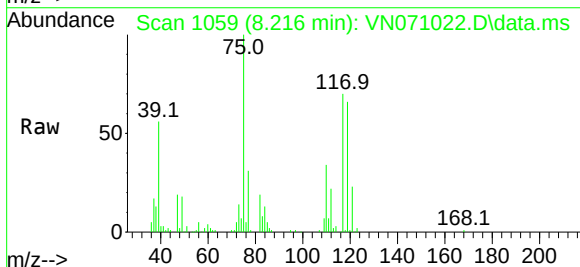
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

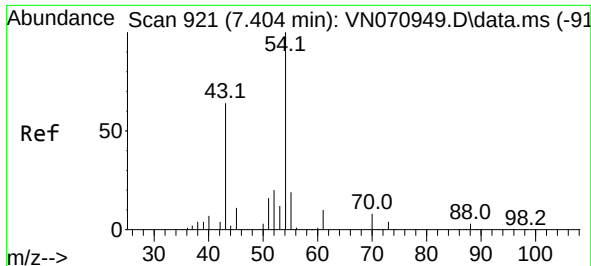
Tgt Ion:113 Resp: 288355  
Ion Ratio Lower Upper  
113 100  
111 101.7 82.2 123.2  
192 20.7 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 17.675 ug/l  
RT: 8.216 min Scan# 1059  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion: 75 Resp: 167392  
Ion Ratio Lower Upper  
75 100  
110 34.4 18.4 55.2  
77 30.2 24.4 36.6





#37

Ethyl Acetate

Concen: 21.487 ug/l

RT: 7.410 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

Instrument :

MSVOA\_N

ClientSampleId :

VN0222WBS01

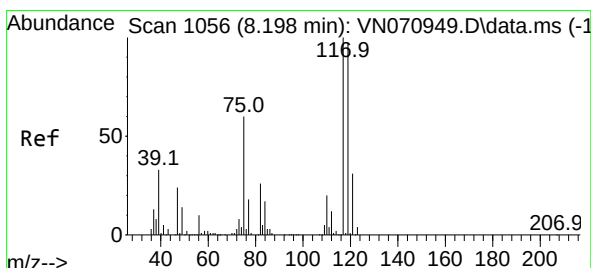
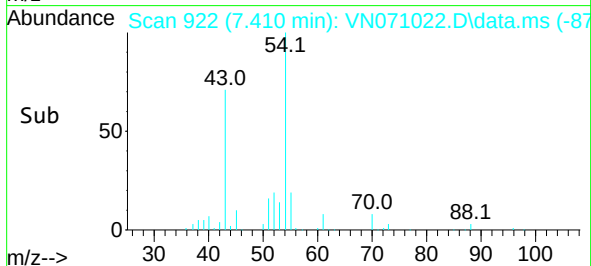
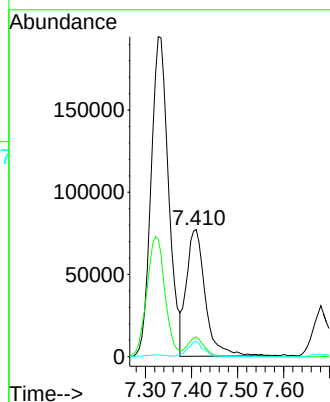
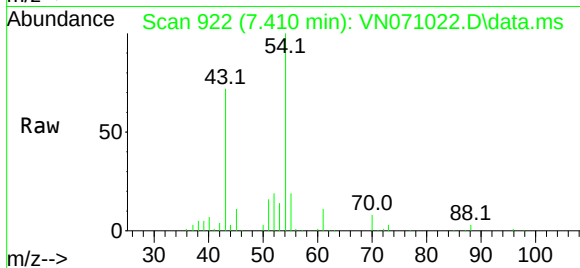
Tgt Ion: 43 Resp: 218237

Ion Ratio Lower Upper

43 100

61 13.6 11.5 17.3

70 10.2 7.9 11.9



#38

Carbon Tetrachloride

Concen: 17.781 ug/l

RT: 8.204 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

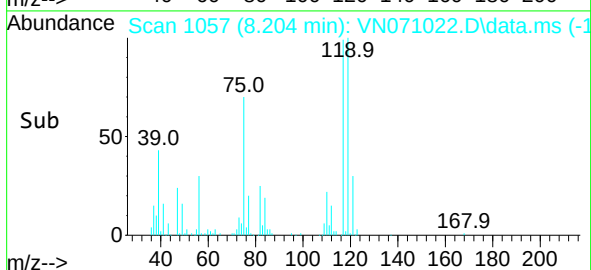
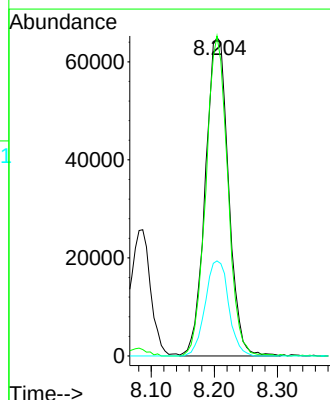
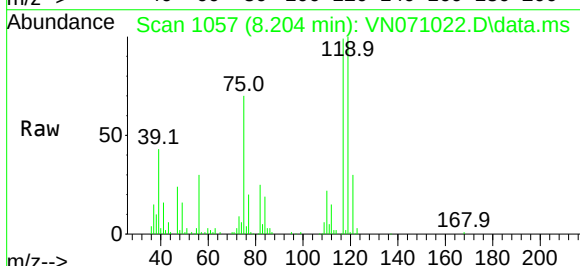
Tgt Ion: 117 Resp: 165914

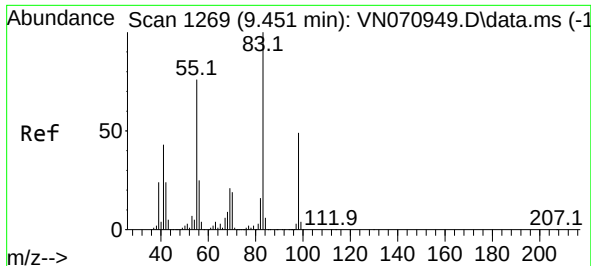
Ion Ratio Lower Upper

117 100

119 100.5 76.1 114.1

121 29.9 24.2 36.2

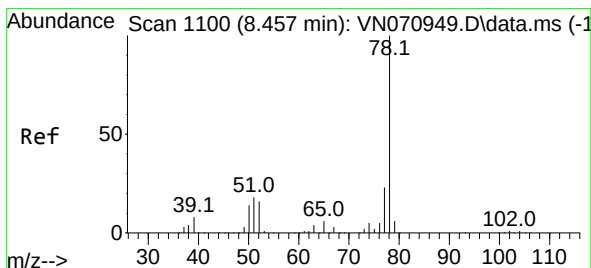
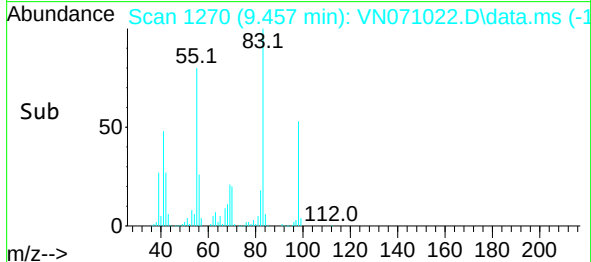
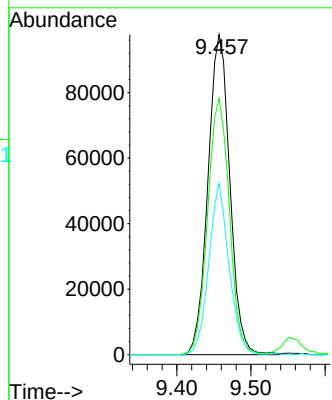
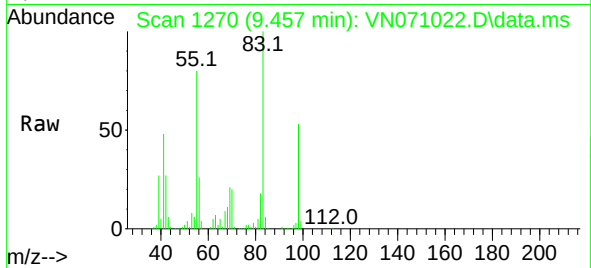




#39  
Methylcyclohexane  
Concen: 16.465 ug/l  
RT: 9.457 min Scan# 1100  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

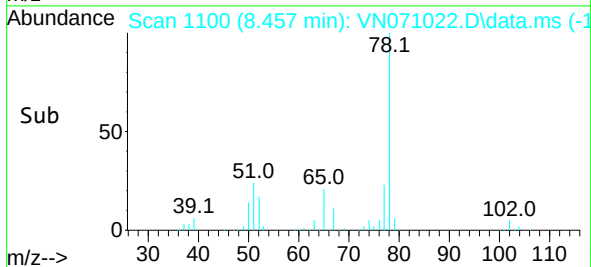
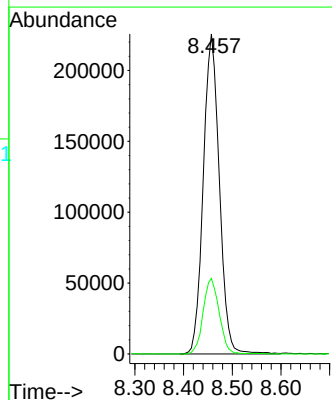
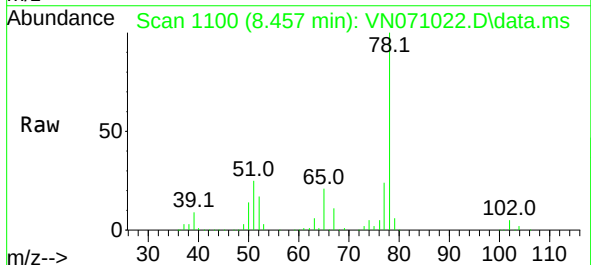
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

Tgt Ion: 83 Resp: 200639  
Ion Ratio Lower Upper  
83 100  
55 79.9 58.1 87.1  
98 53.4 38.4 57.6

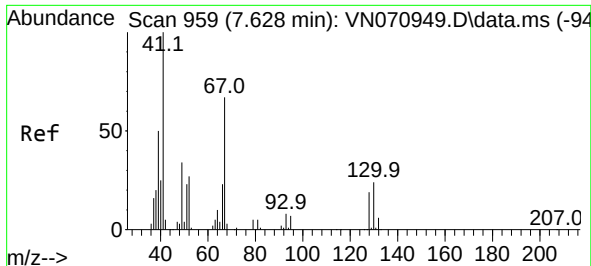


#40  
Benzene  
Concen: 18.430 ug/l  
RT: 8.457 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion: 78 Resp: 516298  
Ion Ratio Lower Upper  
78 100  
77 23.6 18.6 27.8



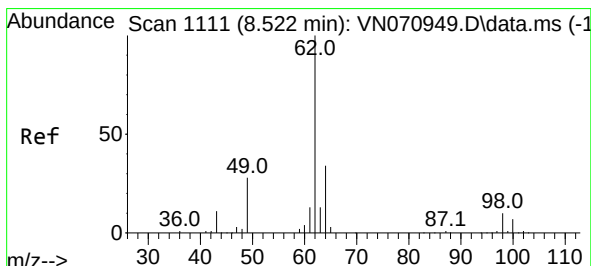
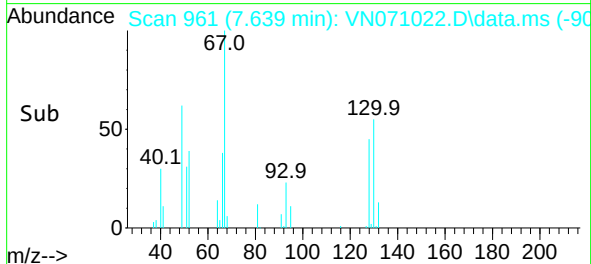
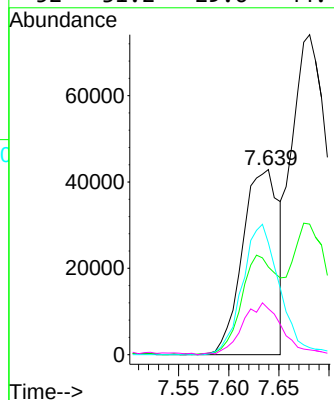
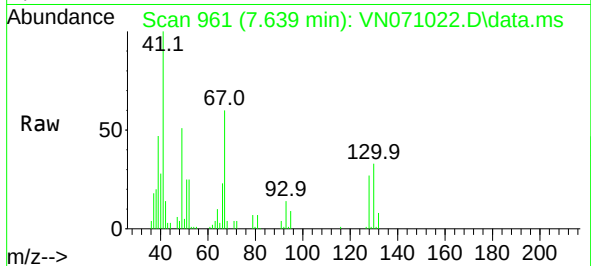




#41  
Methacrylonitrile  
Concen: 20.142 ug/l  
RT: 7.639 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

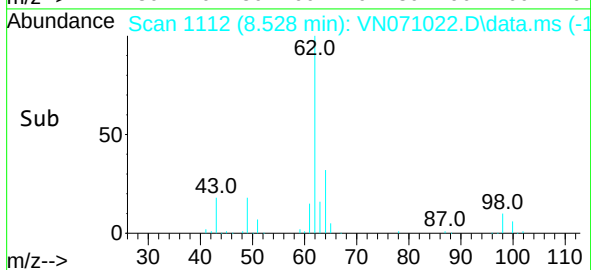
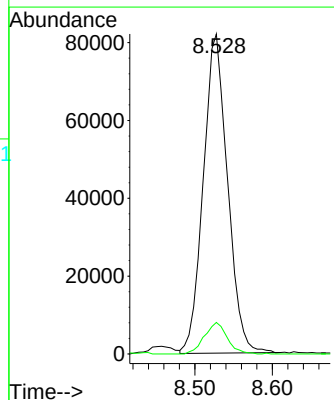
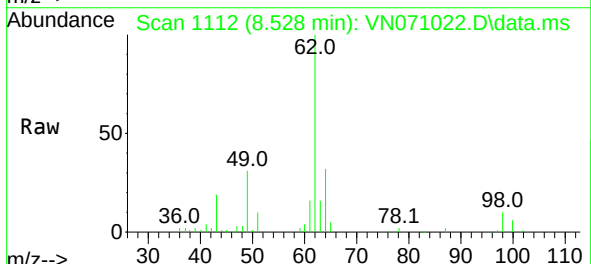
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

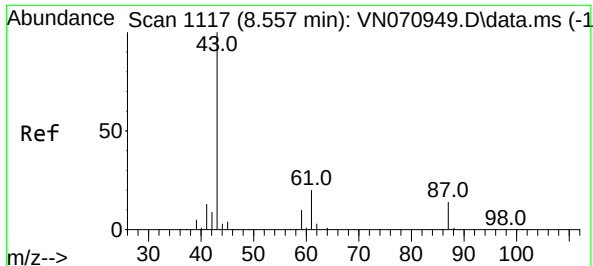
Tgt Ion: 41 Resp: 107747  
Ion Ratio Lower Upper  
41 100  
39 52.8 48.1 72.1  
67 73.4 68.3 102.5  
52 31.2 29.6 44.4



#42  
1,2-Dichloroethane  
Concen: 18.672 ug/l  
RT: 8.528 min Scan# 1112  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion: 62 Resp: 178146  
Ion Ratio Lower Upper  
62 100  
98 9.3 0.0 17.6

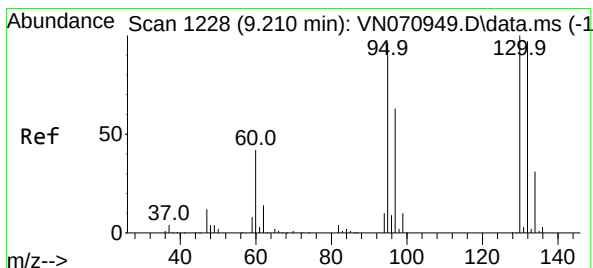
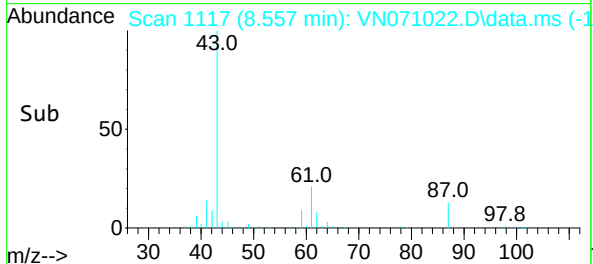
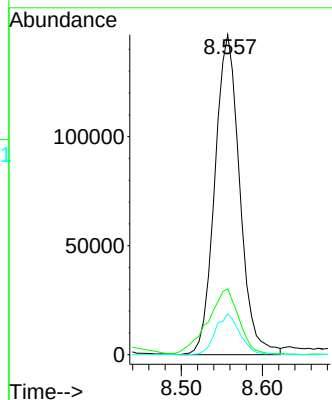
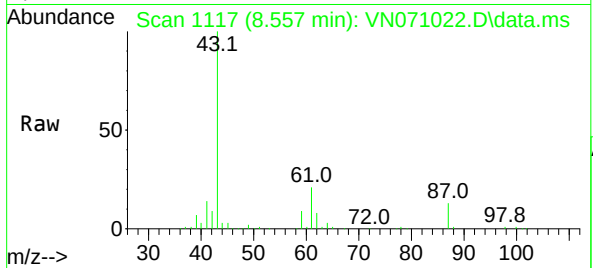




#43  
Isopropyl Acetate  
Concen: 19.567 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

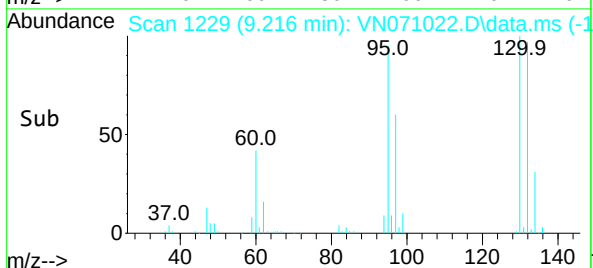
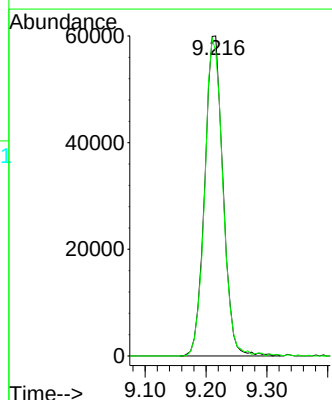
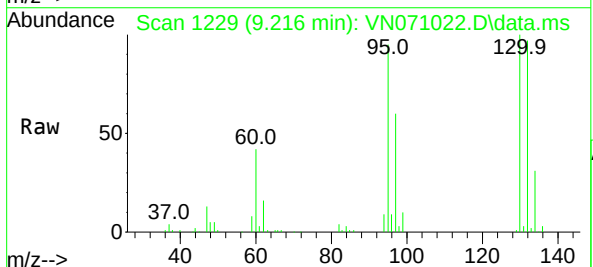
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

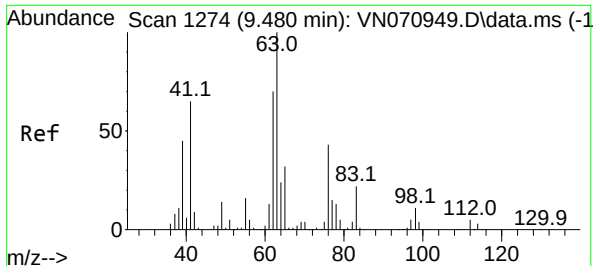
Tgt Ion: 43 Resp: 313260  
Ion Ratio Lower Upper  
43 100  
61 26.1 20.4 30.6  
87 12.5 11.2 16.8



#44  
Trichloroethene  
Concen: 16.974 ug/l  
RT: 9.216 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion:130 Resp: 125210  
Ion Ratio Lower Upper  
130 100  
95 95.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 18.545 ug/l

RT: 9.486 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

Instrument :

MSVOA\_N

ClientSampleId :

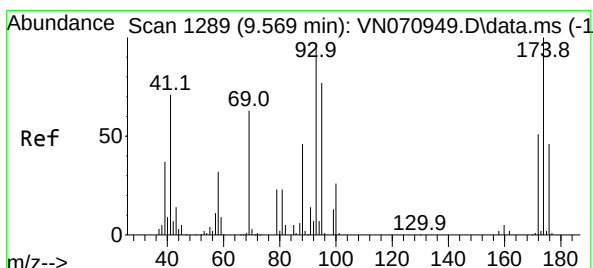
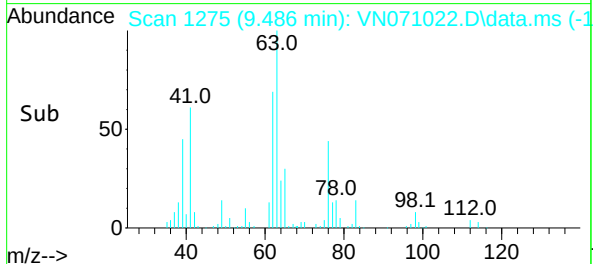
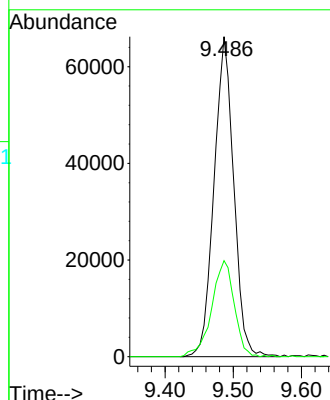
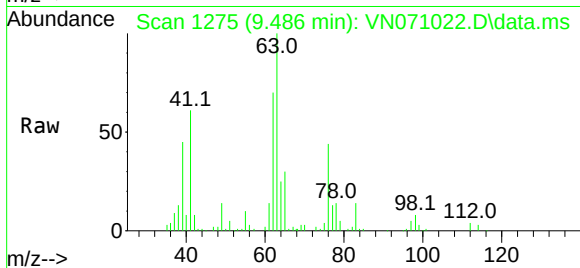
VN0222WBS01

Tgt Ion: 63 Resp: 133076

Ion Ratio Lower Upper

63 100

65 30.0 24.7 37.1



#46

Dibromomethane

Concen: 18.263 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.006 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

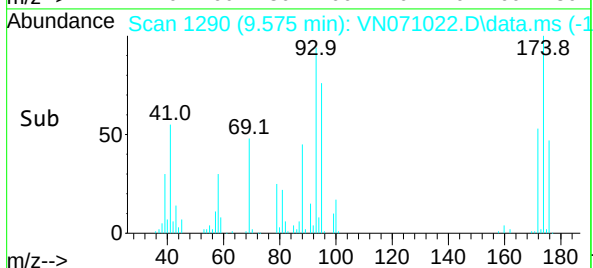
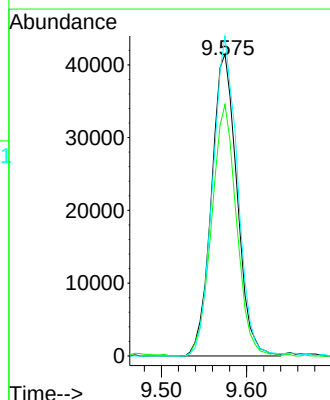
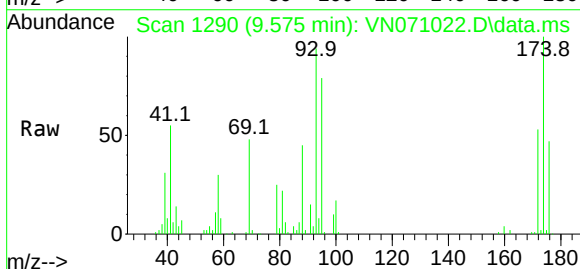
Tgt Ion: 93 Resp: 86245

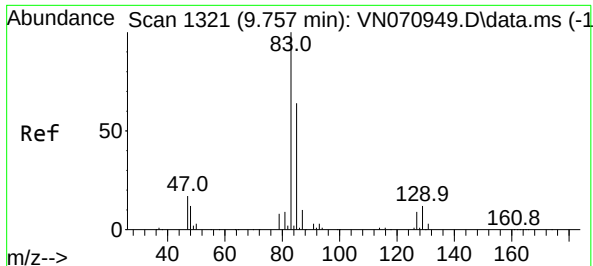
Ion Ratio Lower Upper

93 100

95 81.2 65.9 98.9

174 102.9 84.6 127.0

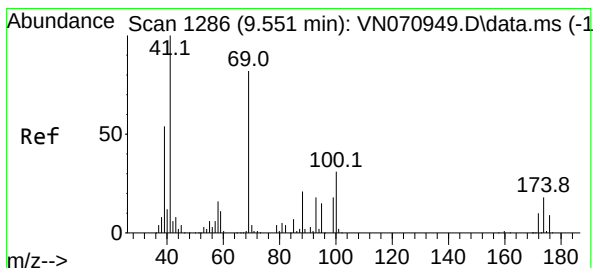
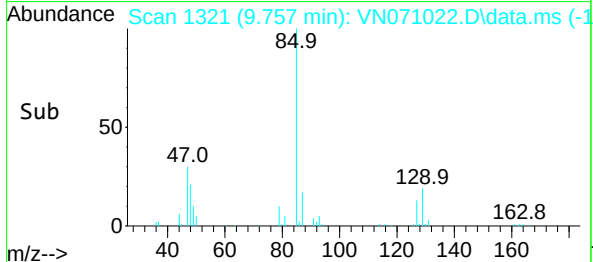
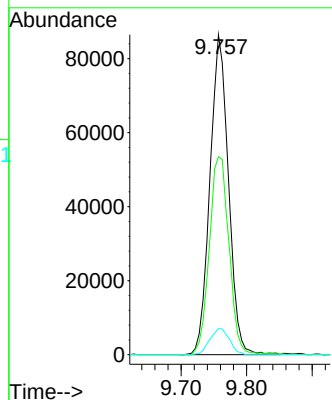
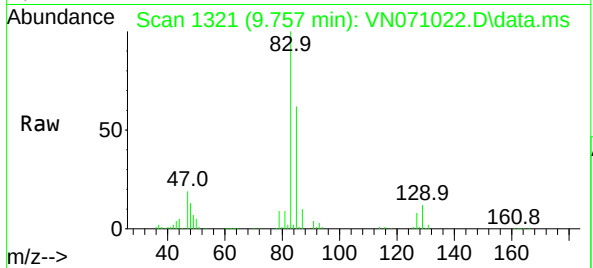




#47  
Bromodichloromethane  
Concen: 17.785 ug/l  
RT: 9.757 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

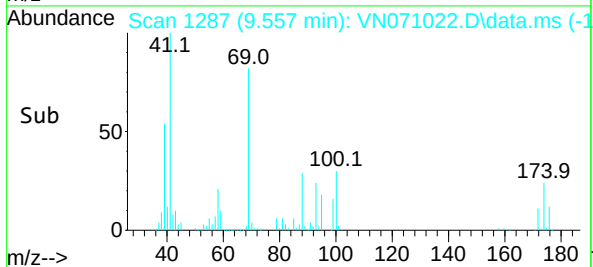
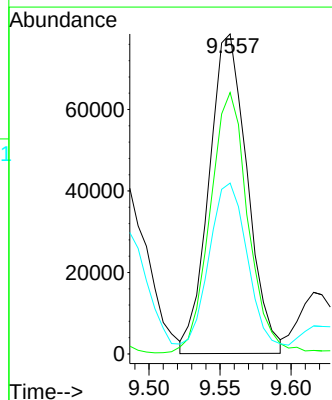
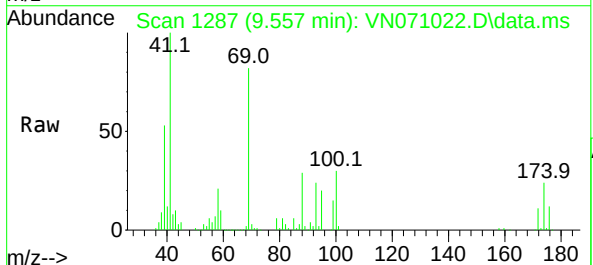
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

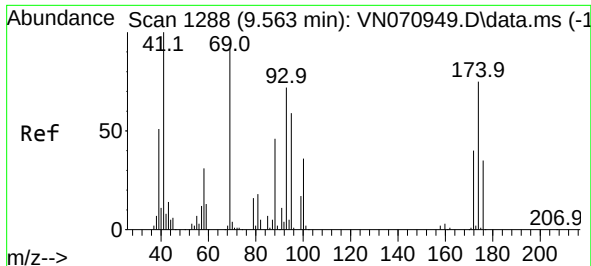
Tgt Ion: 83 Resp: 169744  
Ion Ratio Lower Upper  
83 100  
85 61.9 50.9 76.3  
127 8.2 7.1 10.7



#48  
Methyl methacrylate  
Concen: 19.439 ug/l  
RT: 9.557 min Scan# 1287  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion: 41 Resp: 147300  
Ion Ratio Lower Upper  
41 100  
69 82.2 72.4 108.6  
39 55.3 58.4 87.6#





#49

1,4-Dioxane

Concen: 416.030 ug/l

RT: 9.563 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

Instrument :

MSVOA\_N

ClientSampleId :

VN0222WBS01

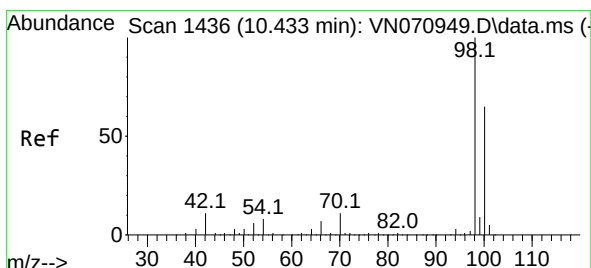
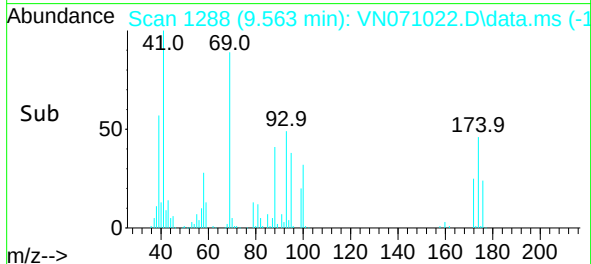
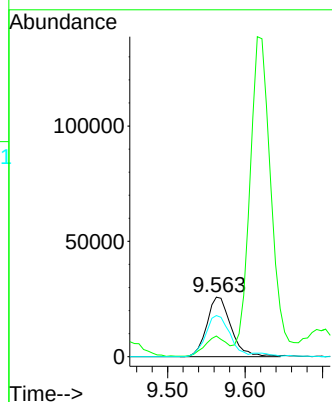
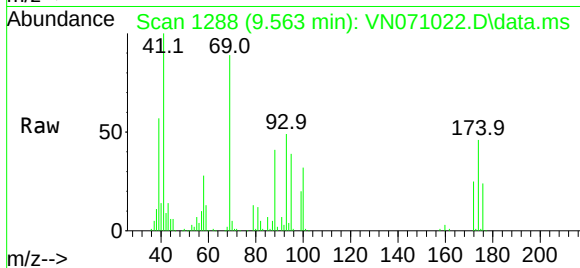
Tgt Ion: 88 Resp: 55993

Ion Ratio Lower Upper

88 100

43 29.8 23.4 35.2

58 68.7 50.6 75.8



#50

Toluene-d8

Concen: 48.695 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.006 min

Lab File: VN071022.D

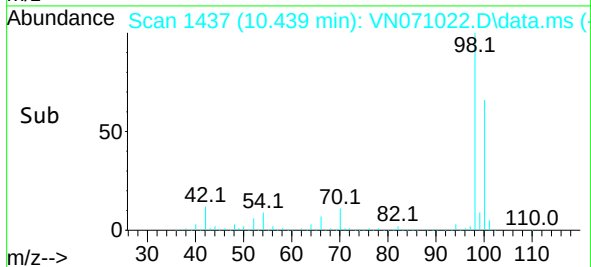
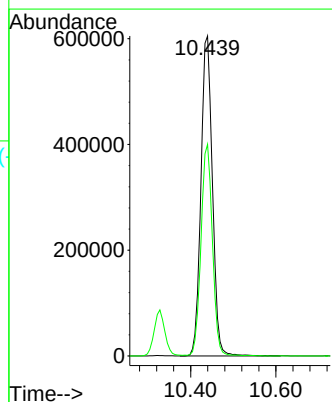
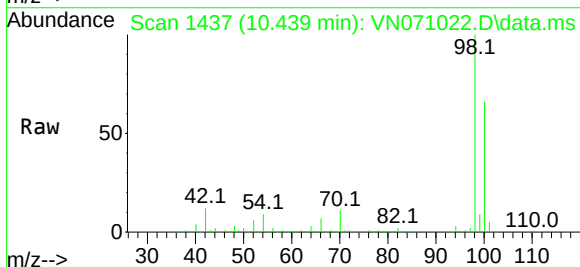
Acq: 22 Feb 2022 12:33

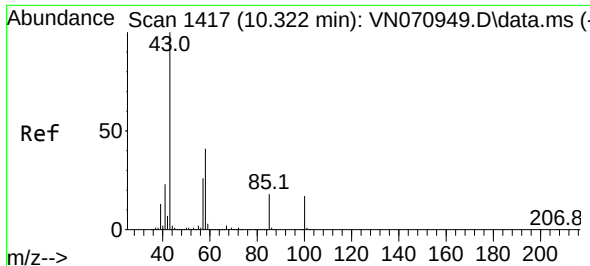
Tgt Ion: 98 Resp: 1130411

Ion Ratio Lower Upper

98 100

100 65.4 50.4 75.6

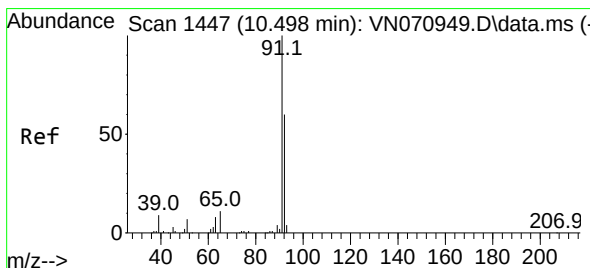
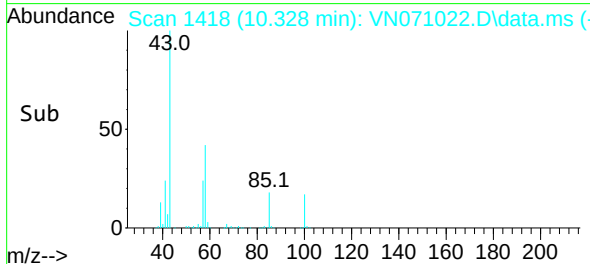
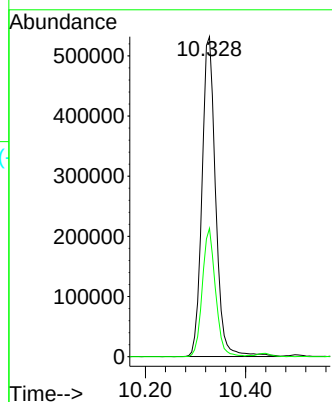
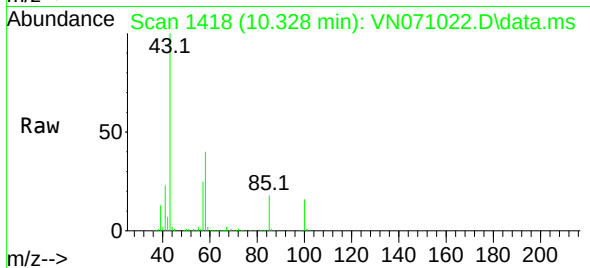




#51  
4-Methyl-2-Pentanone  
Concen: 103.251 ug/l  
RT: 10.328 min Scan# 1417  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

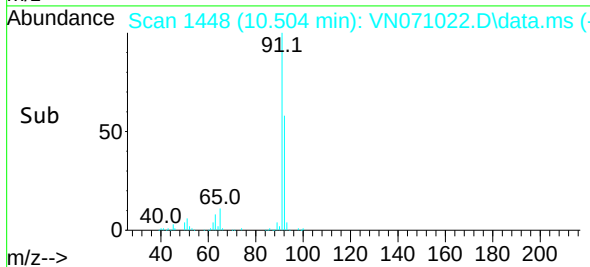
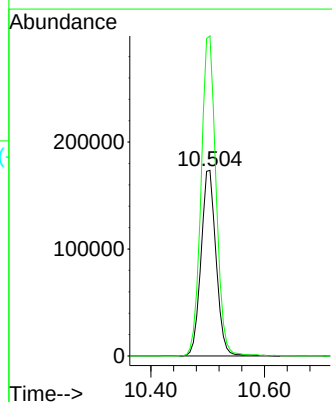
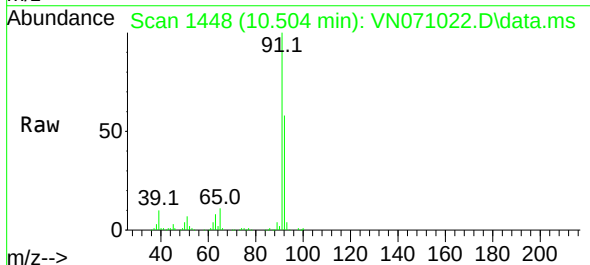
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

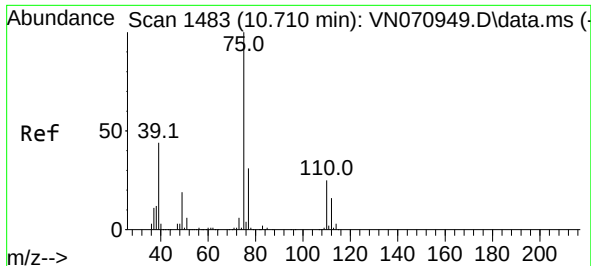
Tgt Ion: 43 Resp: 1005707  
Ion Ratio Lower Upper  
43 100  
58 38.7 30.4 45.6



#52  
Toluene  
Concen: 18.123 ug/l  
RT: 10.504 min Scan# 1448  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion: 92 Resp: 319018  
Ion Ratio Lower Upper  
92 100  
91 171.7 142.0 213.0

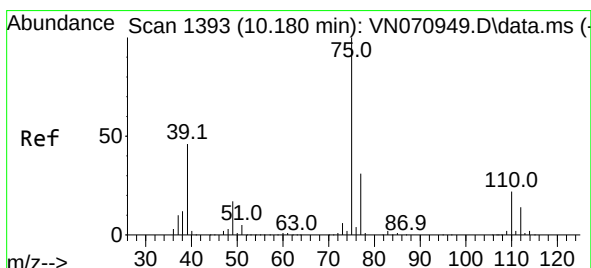
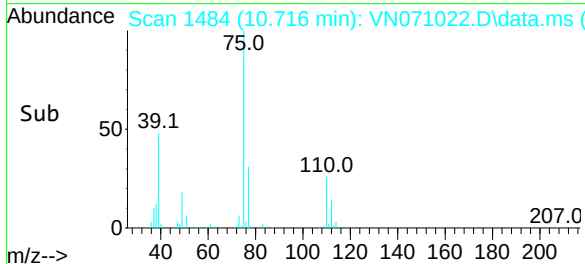
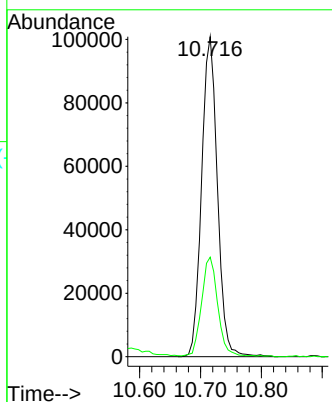
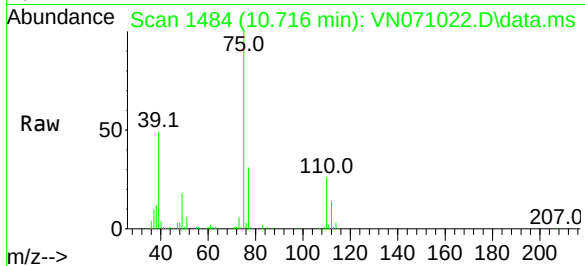




#53  
 t-1,3-Dichloropropene  
 Concen: 17.544 ug/l  
 RT: 10.716 min Scan# 1483  
 Delta R.T. 0.006 min  
 Lab File: VN071022.D  
 Acq: 22 Feb 2022 12:33

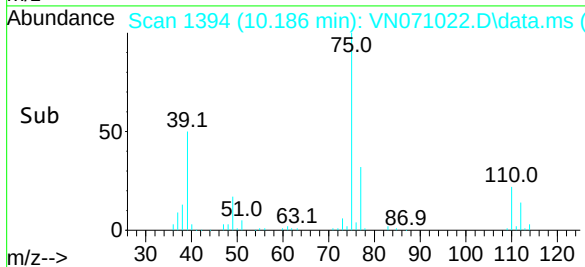
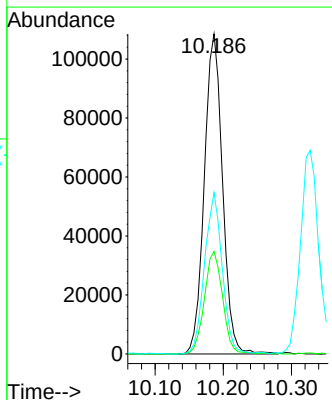
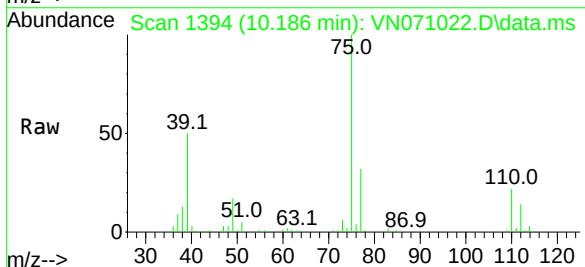
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0222WBS01

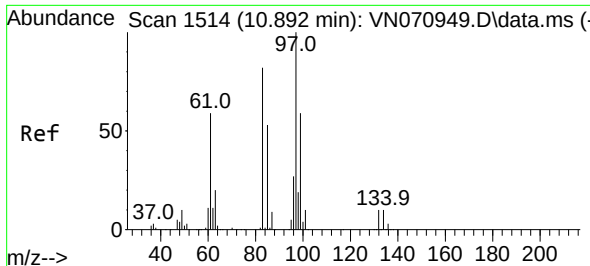
Tgt Ion: 75 Resp: 182066  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 17.713 ug/l  
 RT: 10.186 min Scan# 1394  
 Delta R.T. 0.006 min  
 Lab File: VN071022.D  
 Acq: 22 Feb 2022 12:33

Tgt Ion: 75 Resp: 201879  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 26.4 39.6  
 39 50.5 42.5 63.7

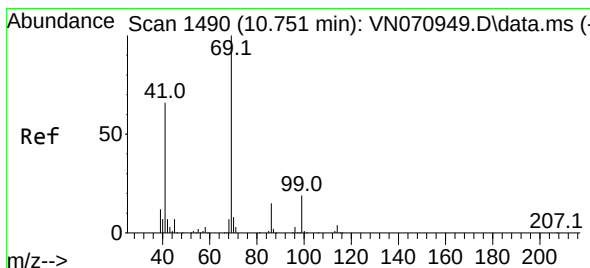
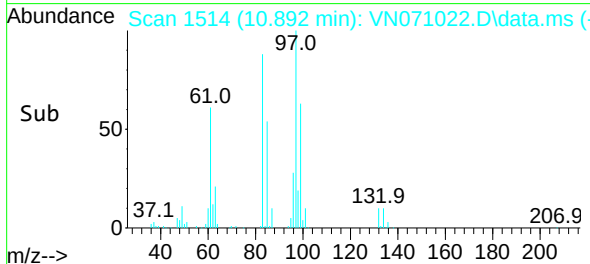
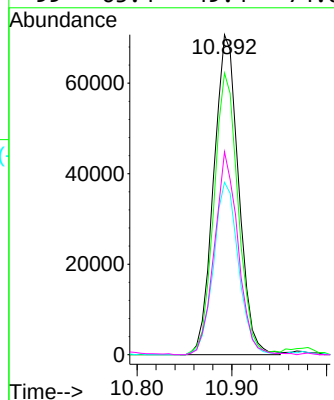
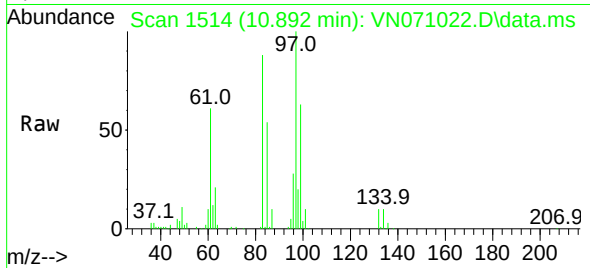




#55  
1,1,2-Trichloroethane  
Concen: 18.730 ug/l  
RT: 10.892 min Scan# 1514  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

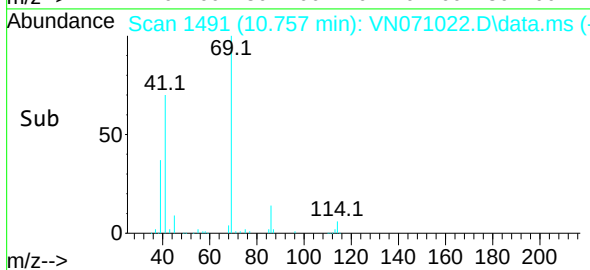
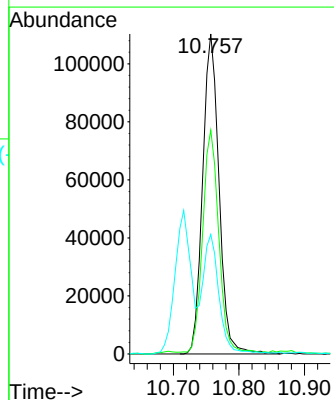
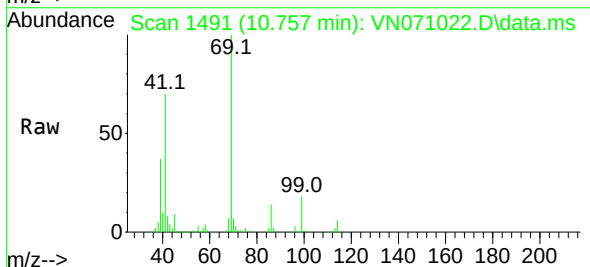
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 129056 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 88.0  | 67.8  | 101.6  |
| 85       | 53.9  | 45.4  | 68.2   |
| 99       | 63.4  | 49.4  | 74.0   |

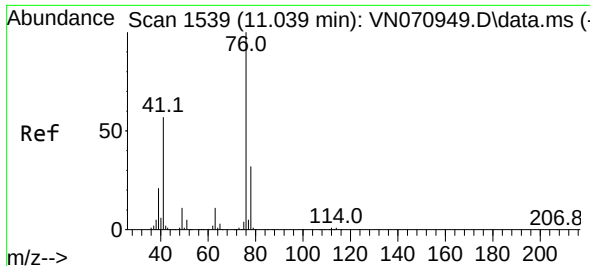


#56  
Ethyl methacrylate  
Concen: 18.490 ug/l  
RT: 10.757 min Scan# 1491  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 191959 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 68.0  | 51.4  | 77.0   |
| 39       | 37.1  | 34.6  | 52.0   |







#57

1,3-Dichloropropane

Concen: 18.938 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

Instrument :

MSVOA\_N

ClientSampleId :

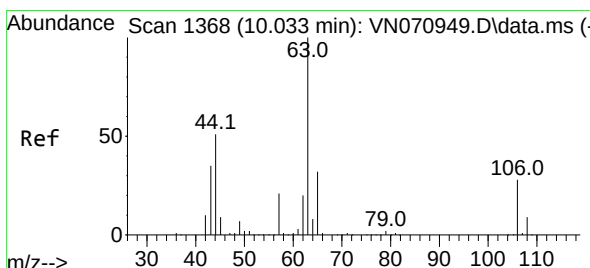
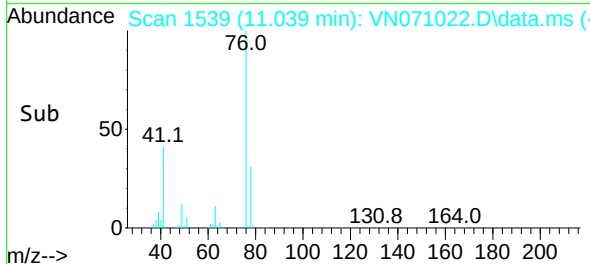
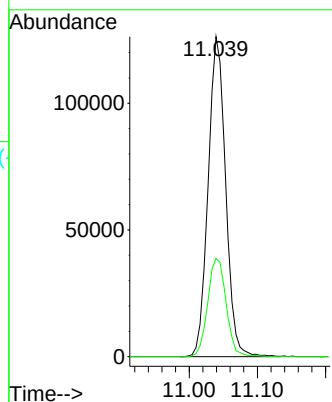
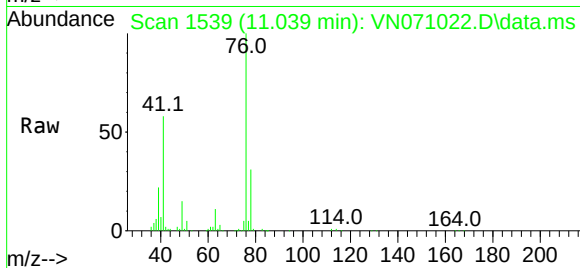
VN0222WBS01

Tgt Ion: 76 Resp: 225715

Ion Ratio Lower Upper

76 100

78 32.4 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 91.028 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VN071022.D

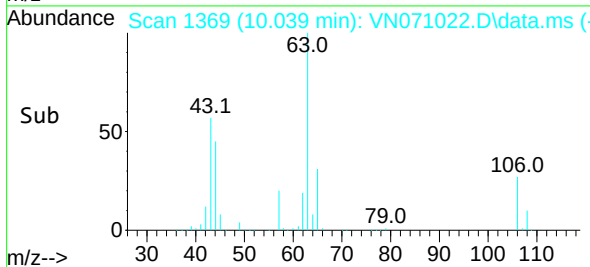
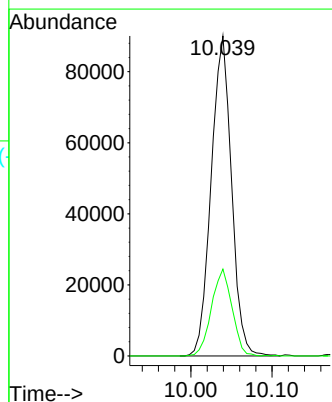
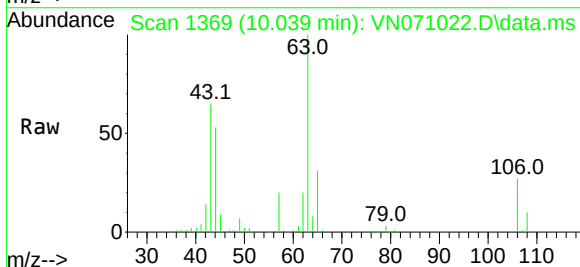
Acq: 22 Feb 2022 12:33

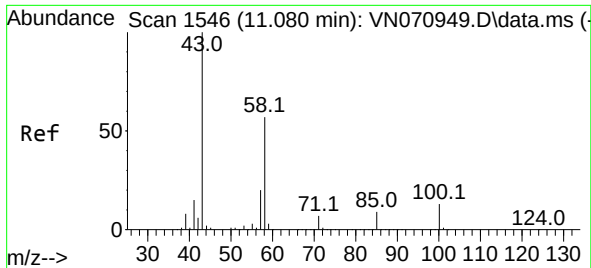
Tgt Ion: 63 Resp: 156704

Ion Ratio Lower Upper

63 100

106 27.4 23.9 35.9

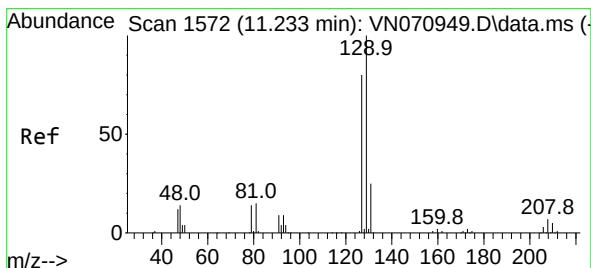
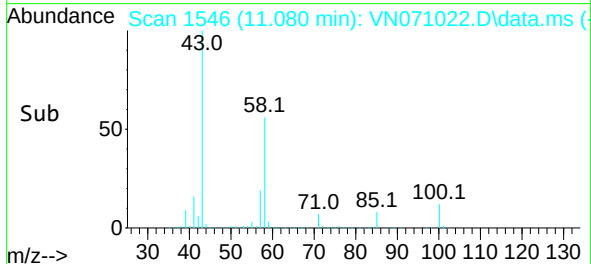
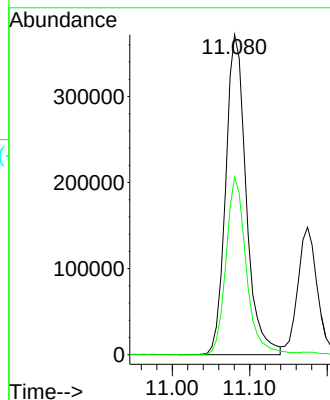
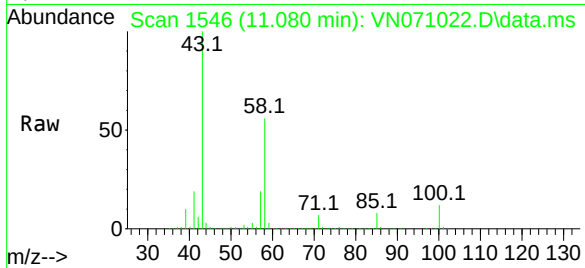




#59  
2-Hexanone  
Concen: 102.082 ug/l  
RT: 11.080 min Scan# 1546  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

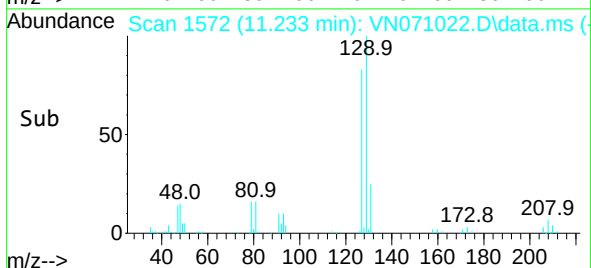
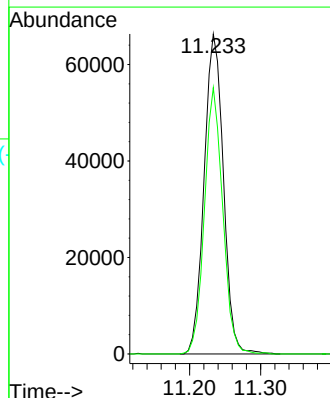
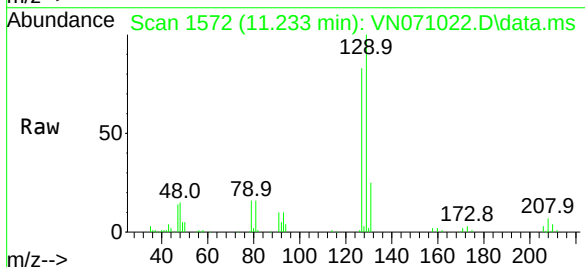
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

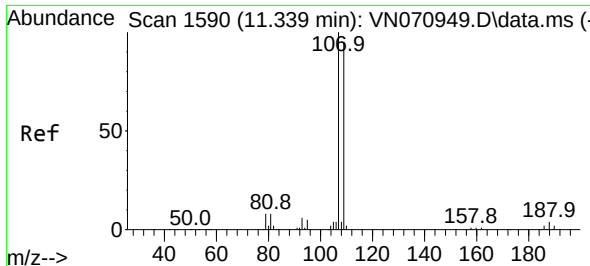
Tgt Ion: 43 Resp: 683843  
Ion Ratio Lower Upper  
43 100  
58 54.9 26.9 80.7



#60  
Dibromochloromethane  
Concen: 17.186 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion: 129 Resp: 125147  
Ion Ratio Lower Upper  
129 100  
127 79.3 38.6 116.0

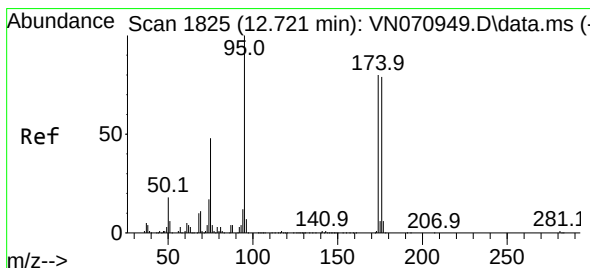
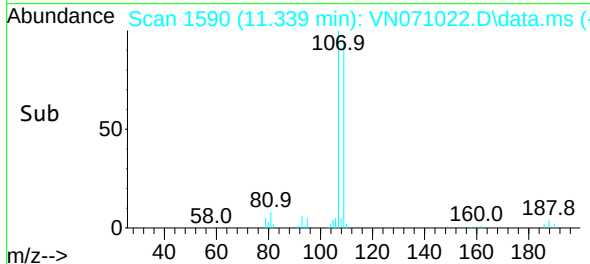
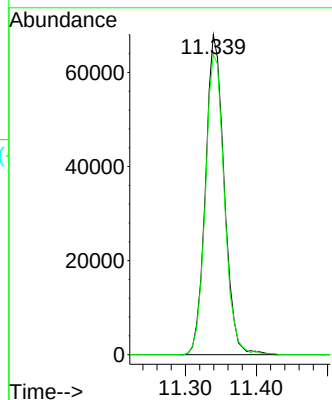
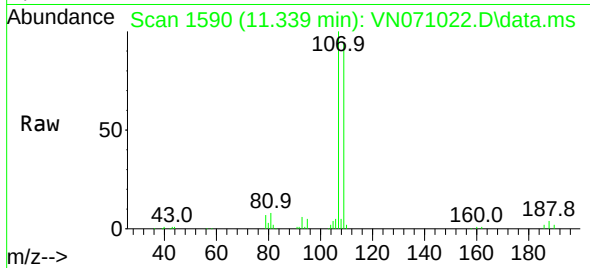




#61  
1,2-Dibromoethane  
Concen: 17.724 ug/l  
RT: 11.339 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

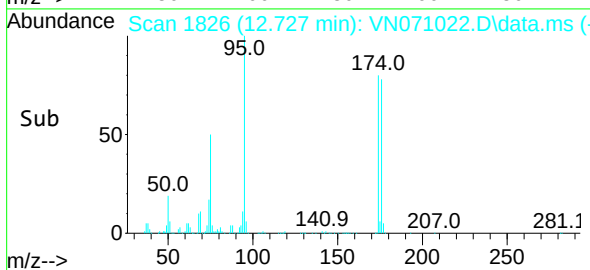
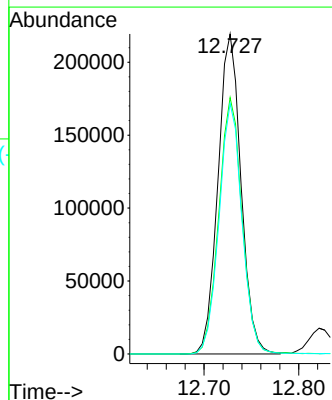
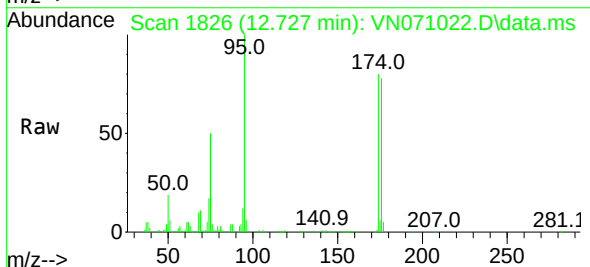
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

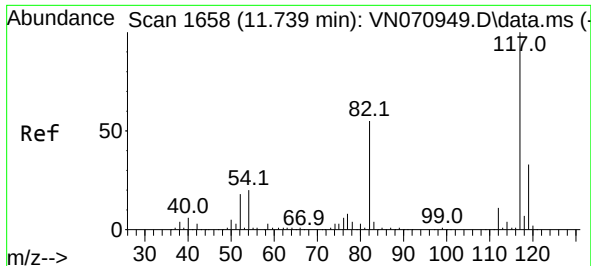
Tgt Ion:107 Resp: 124216  
Ion Ratio Lower Upper  
107 100  
109 95.8 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 44.640 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion: 95 Resp: 370406  
Ion Ratio Lower Upper  
95 100  
174 81.0 0.0 187.2  
176 78.3 0.0 181.4

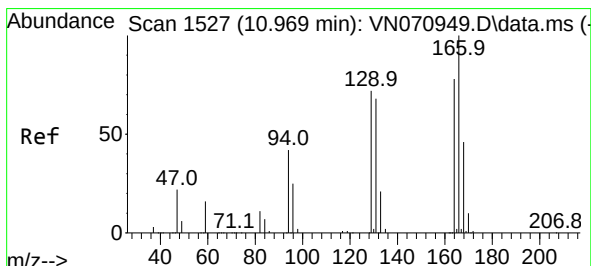
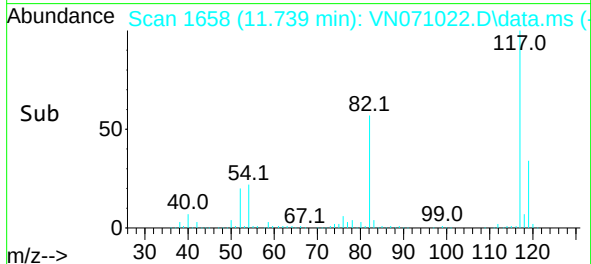
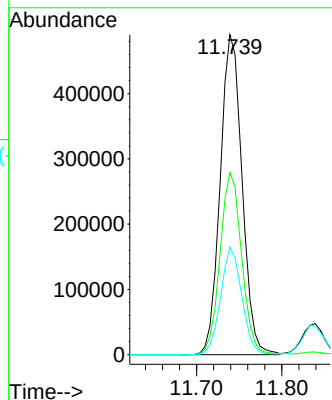
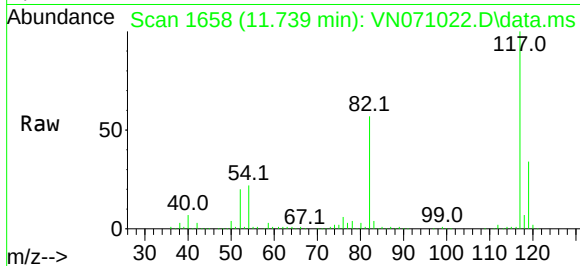




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

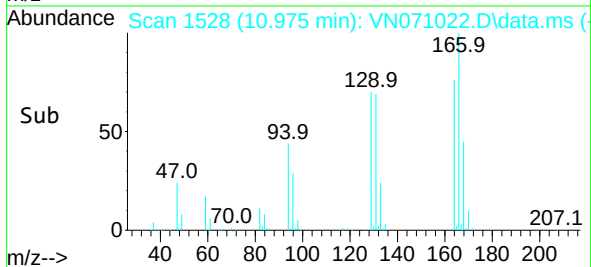
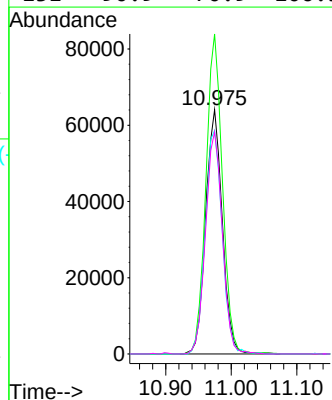
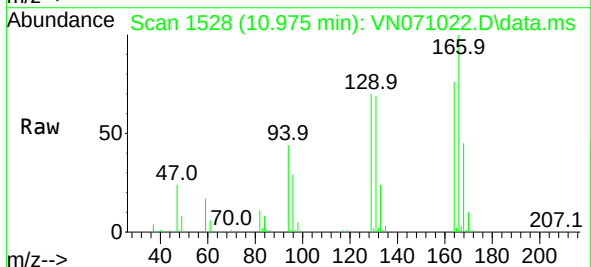
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

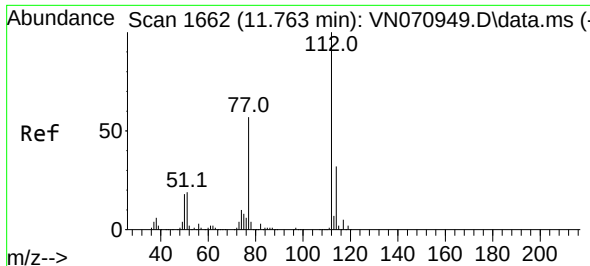
Tgt Ion:117 Resp: 874215  
Ion Ratio Lower Upper  
117 100  
82 56.9 42.4 63.6  
119 33.6 25.4 38.2



#64  
Tetrachloroethene  
Concen: 16.663 ug/l  
RT: 10.975 min Scan# 1528  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion:164 Resp: 113449  
Ion Ratio Lower Upper  
164 100  
166 131.0 101.9 152.9  
129 91.5 72.0 108.0  
131 90.9 70.9 106.3

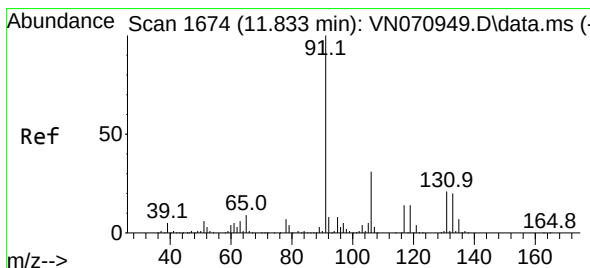
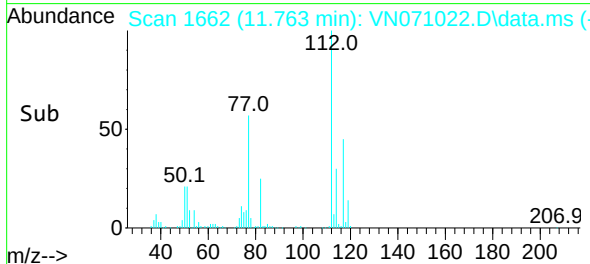
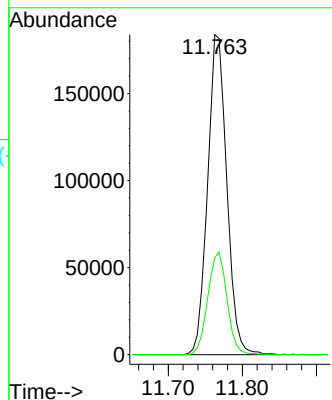
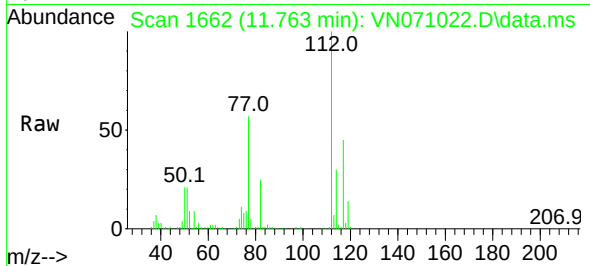




#65  
Chlorobenzene  
Concen: 17.552 ug/l  
RT: 11.763 min Scan# 1662  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

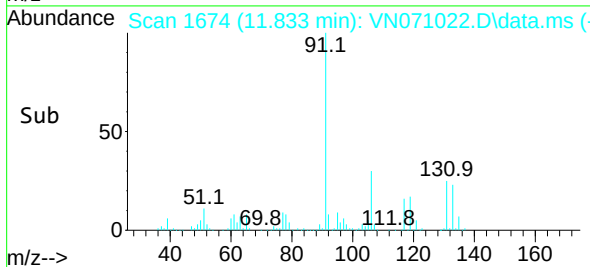
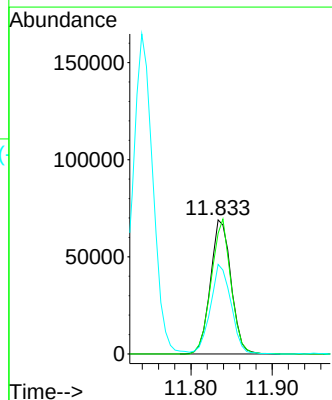
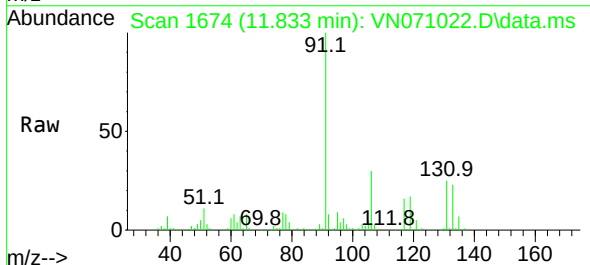
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

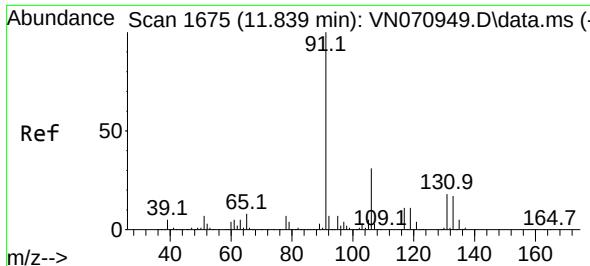
Tgt Ion:112 Resp: 330639  
Ion Ratio Lower Upper  
112 100  
114 30.3 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 17.673 ug/l  
RT: 11.833 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion:131 Resp: 121360  
Ion Ratio Lower Upper  
131 100  
133 96.3 47.9 143.7  
119 67.0 32.1 96.5

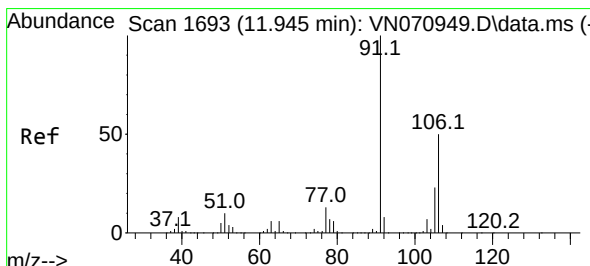
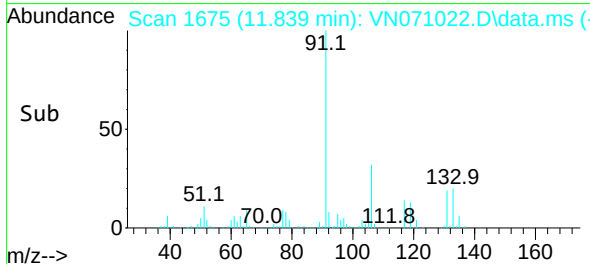
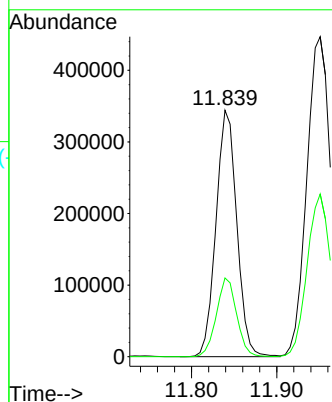
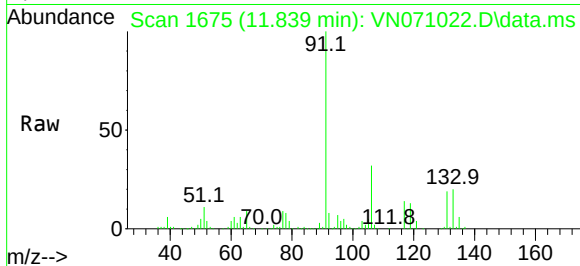




#67  
Ethyl Benzene  
Concen: 17.706 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

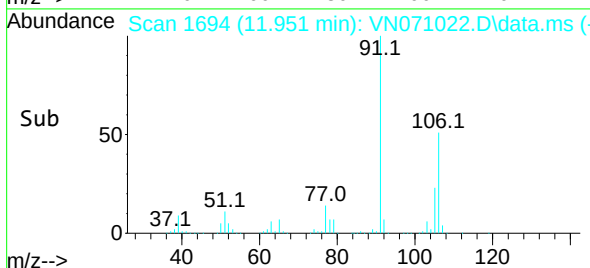
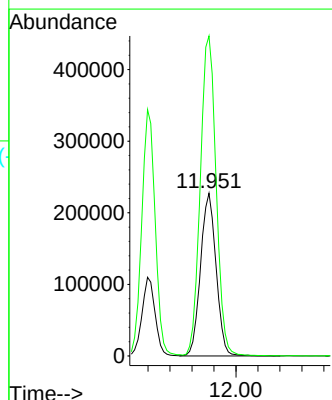
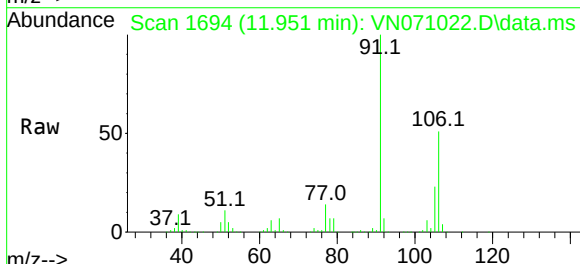
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

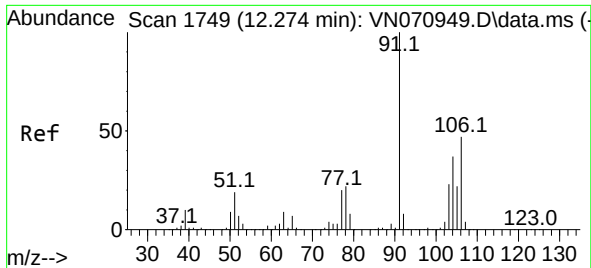
Tgt Ion: 91 Resp: 583772  
Ion Ratio Lower Upper  
91 100  
106 31.9 25.7 38.5



#68  
m/p-Xylenes  
Concen: 35.032 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion: 106 Resp: 446154  
Ion Ratio Lower Upper  
106 100  
91 200.1 160.6 240.8

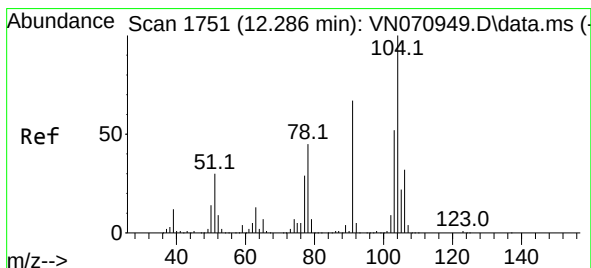
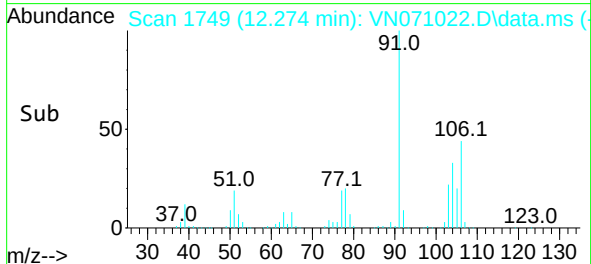
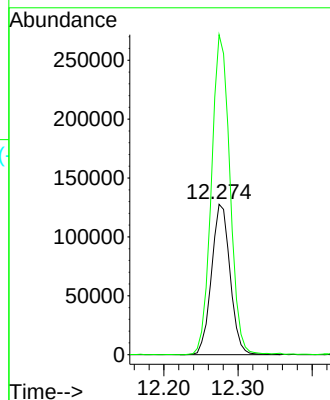
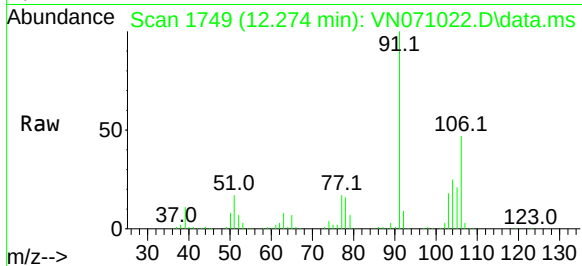




#69  
o-Xylene  
Concen: 17.838 ug/l  
RT: 12.274 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

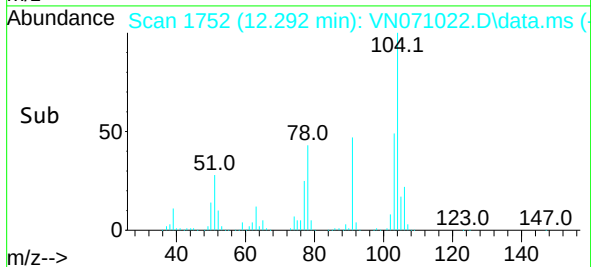
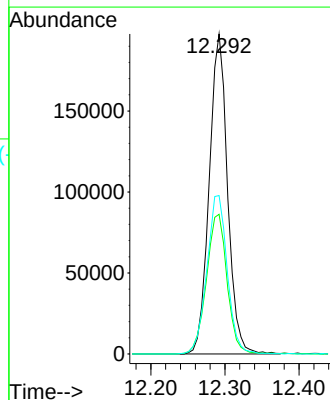
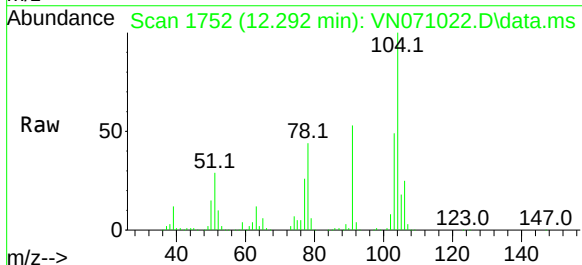
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

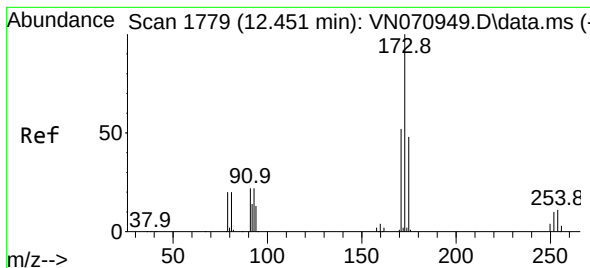
Tgt Ion:106 Resp: 221924  
Ion Ratio Lower Upper  
106 100  
91 212.1 105.8 317.3



#70  
Styrene  
Concen: 17.185 ug/l  
RT: 12.292 min Scan# 1752  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion:104 Resp: 339956  
Ion Ratio Lower Upper  
104 100  
78 49.2 38.7 58.1  
103 55.2 45.0 67.6





#71

Bromoform

Concen: 17.057 ug/l

RT: 12.451 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

Instrument :

MSVOA\_N

ClientSampleId :

VN0222WBS01

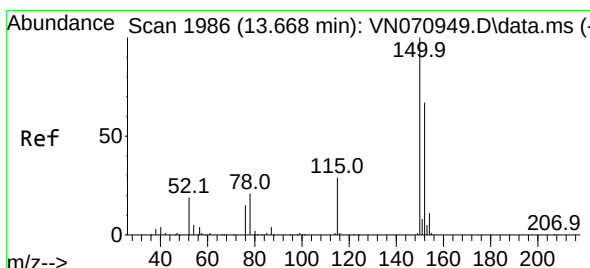
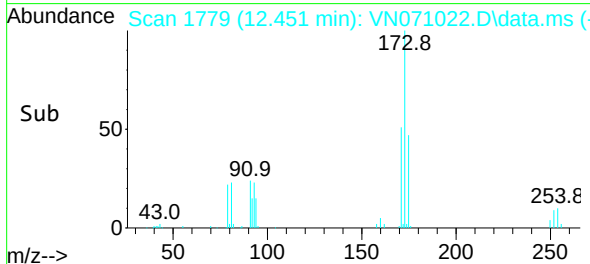
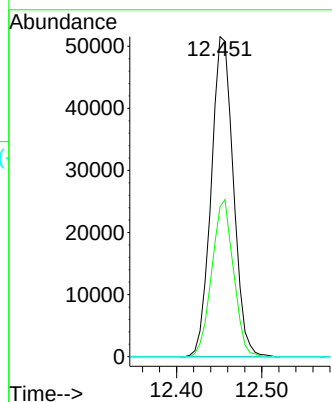
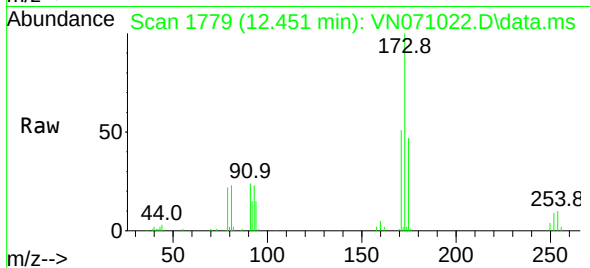
Tgt Ion:173 Resp: 93284

Ion Ratio Lower Upper

173 100

175 48.0 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.669 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

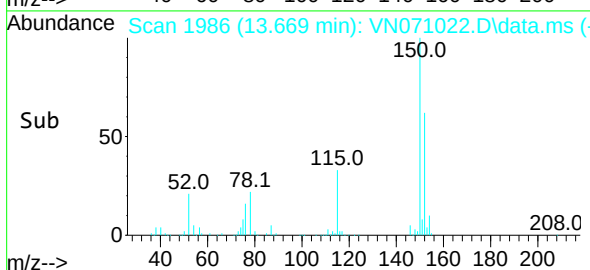
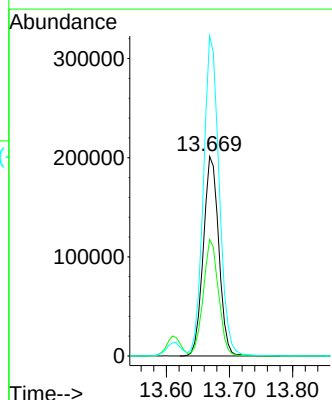
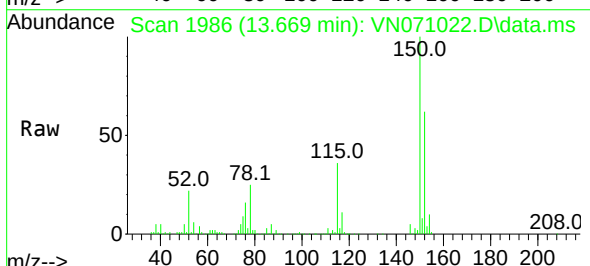
Tgt Ion:152 Resp: 342579

Ion Ratio Lower Upper

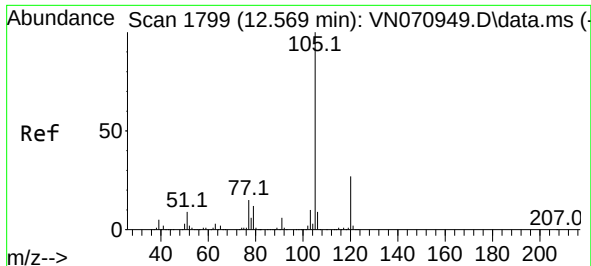
152 100

115 57.8 27.5 82.5

150 163.3 0.0 344.4



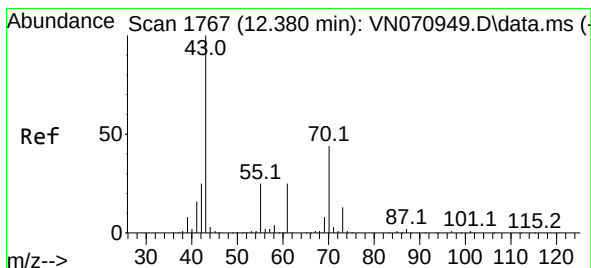
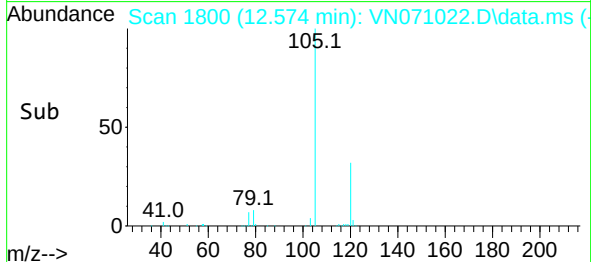
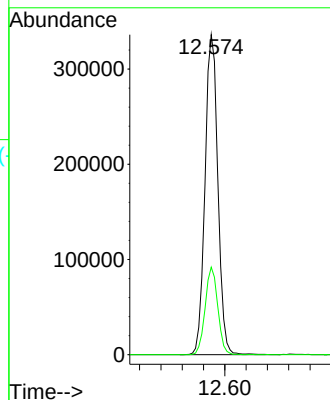
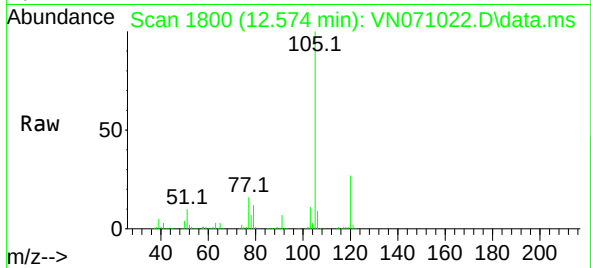




#73  
Isopropylbenzene  
Concen: 20.374 ug/l  
RT: 12.574 min Scan# 1799  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

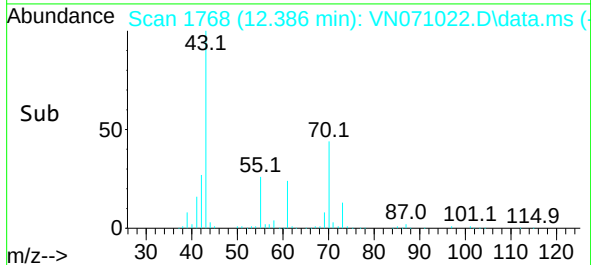
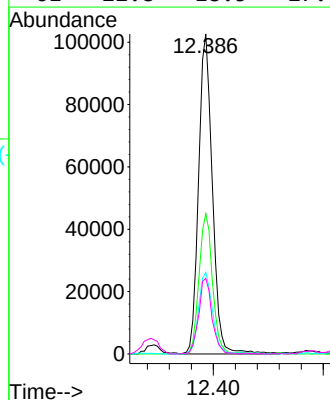
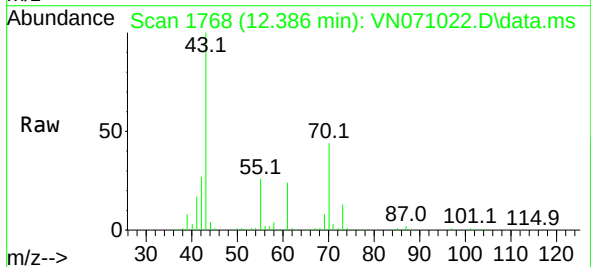
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

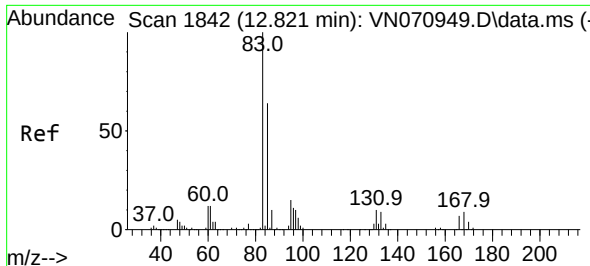
Tgt Ion:105 Resp: 561802  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.4 40.1



#74  
N-ethyl acetate  
Concen: 20.322 ug/l  
RT: 12.386 min Scan# 1768  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion: 43 Resp: 179127  
Ion Ratio Lower Upper  
43 100  
70 42.5 33.4 50.0  
55 25.4 19.3 28.9  
61 22.8 18.5 27.7

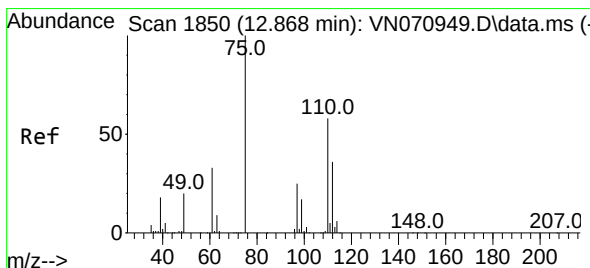
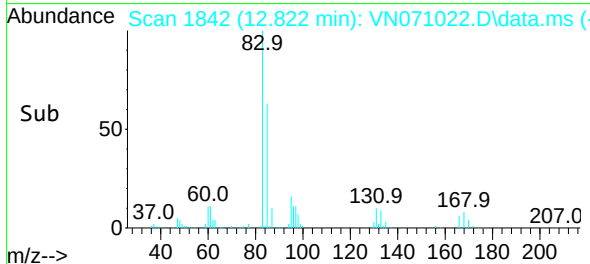
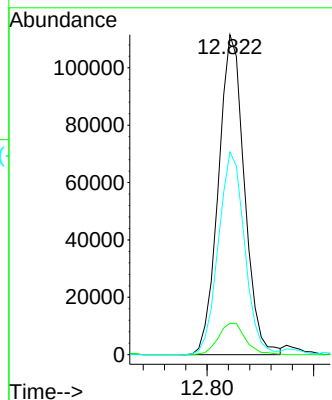
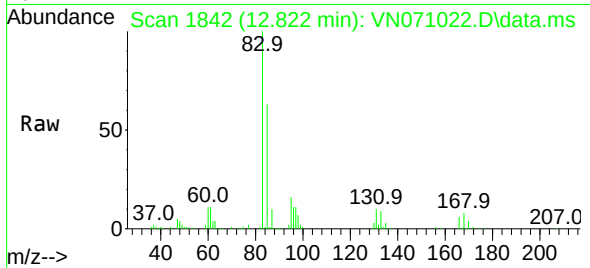




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 21.532 ug/l  
 RT: 12.822 min Scan# 1842  
 Delta R.T. 0.000 min  
 Lab File: VN071022.D  
 Acq: 22 Feb 2022 12:33

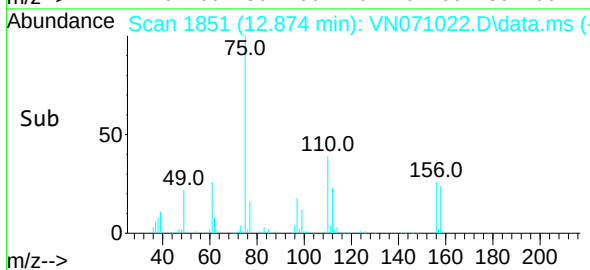
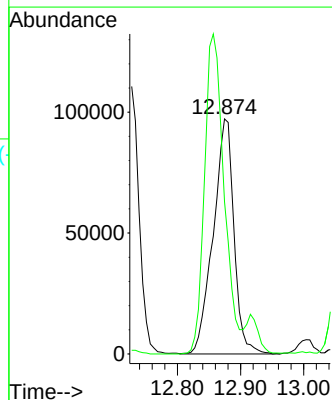
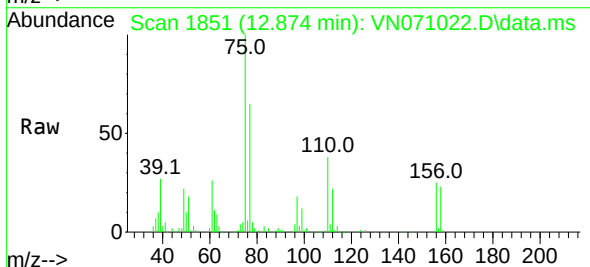
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0222WBS01

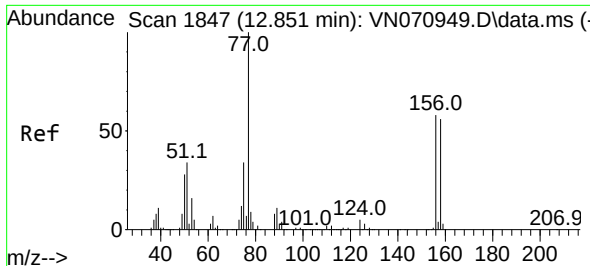
Tgt Ion: 83 Resp: 188674  
 Ion Ratio Lower Upper  
 83 100  
 131 10.4 5.5 16.5  
 85 63.8 32.4 97.2



#76  
 1,2,3-Trichloropropane  
 Concen: 27.564 ug/l  
 RT: 12.874 min Scan# 1851  
 Delta R.T. 0.006 min  
 Lab File: VN071022.D  
 Acq: 22 Feb 2022 12:33

Tgt Ion: 75 Resp: 222336  
 Ion Ratio Lower Upper  
 75 100  
 77 127.1 82.6 247.8

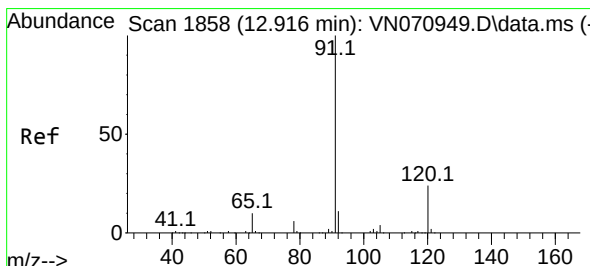
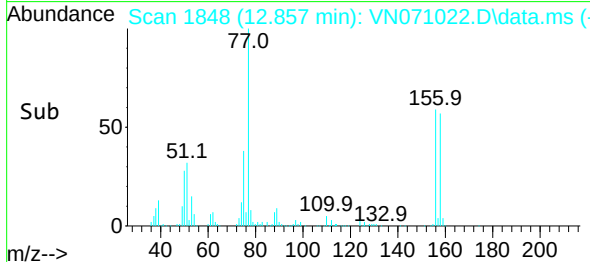
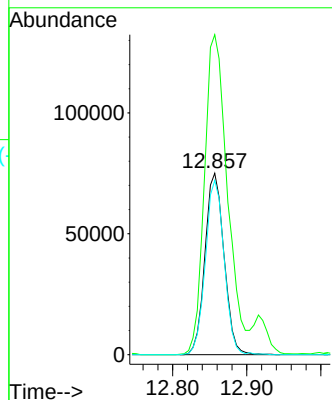
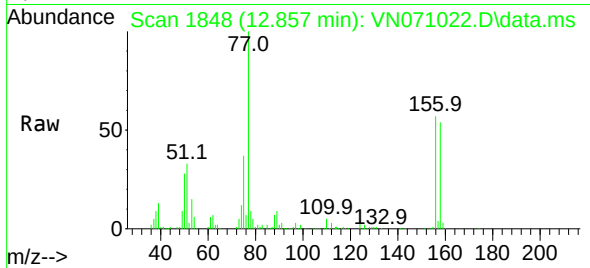




#77  
Bromobenzene  
Concen: 19.893 ug/l  
RT: 12.857 min Scan# 1847  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

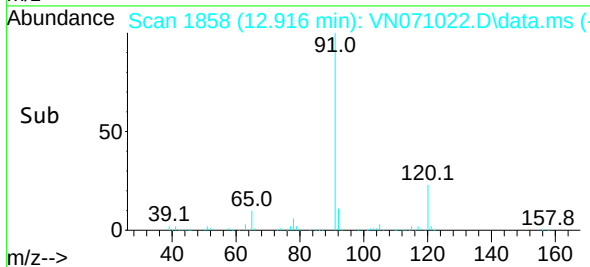
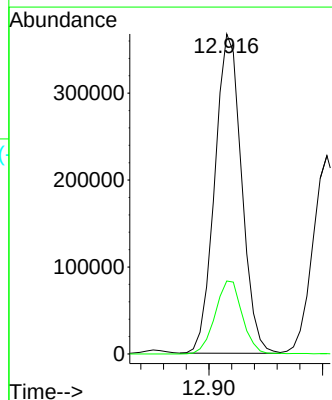
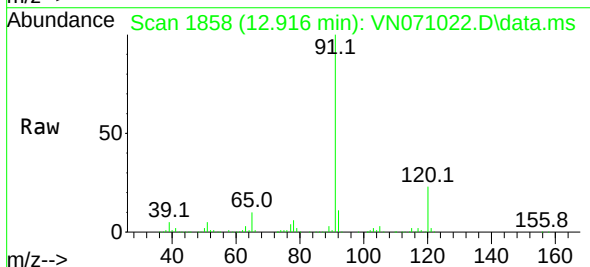
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

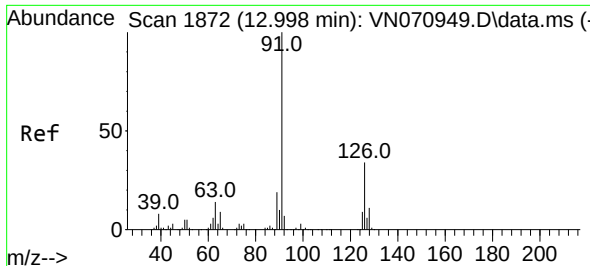
Tgt Ion:156 Resp: 134286  
Ion Ratio Lower Upper  
156 100  
77 210.4 90.6 271.8  
158 94.6 48.9 146.7



#78  
n-propylbenzene  
Concen: 19.463 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion: 91 Resp: 603007  
Ion Ratio Lower Upper  
91 100  
120 23.1 11.9 35.9

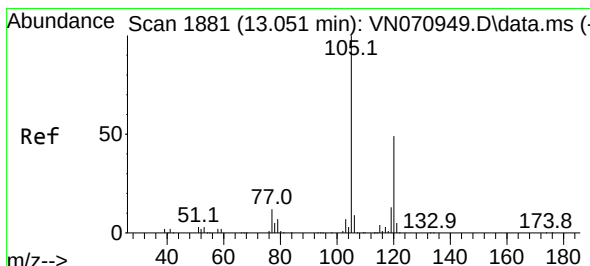
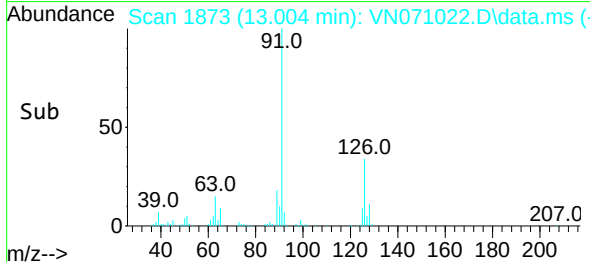
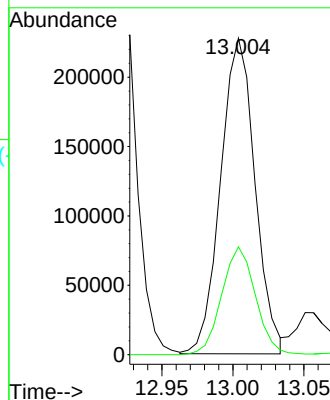
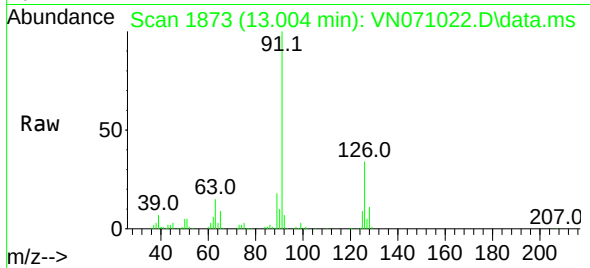




#79  
2-Chlorotoluene  
Concen: 20.354 ug/l  
RT: 13.004 min Scan# 1873  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

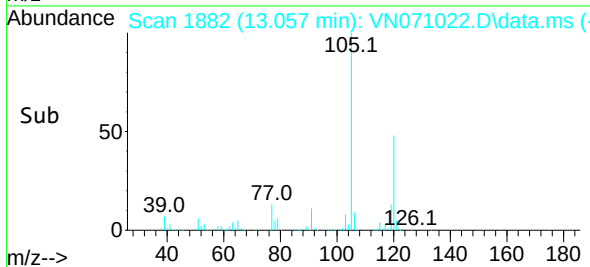
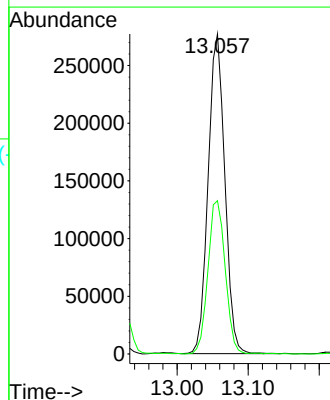
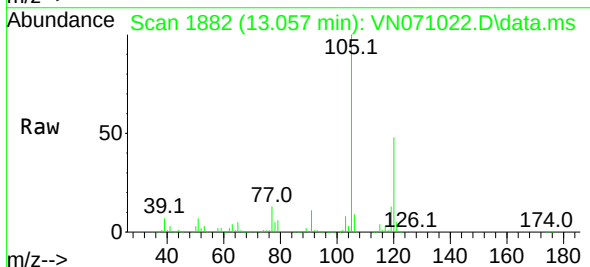
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

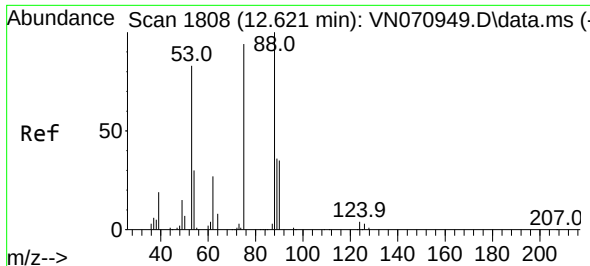
Tgt Ion: 91 Resp: 382954  
Ion Ratio Lower Upper  
91 100  
126 33.6 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 20.231 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion:105 Resp: 451952  
Ion Ratio Lower Upper  
105 100  
120 49.8 24.6 73.6

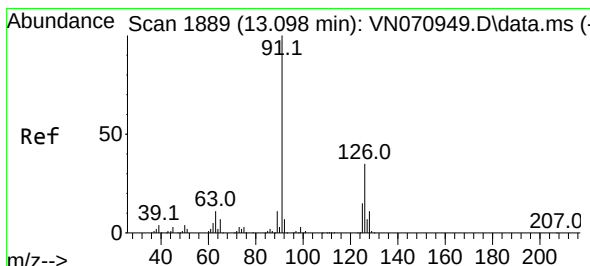
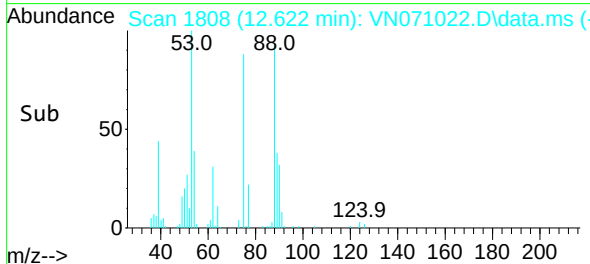
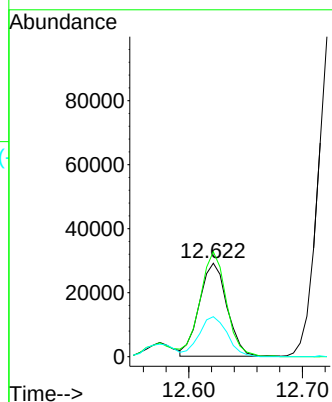
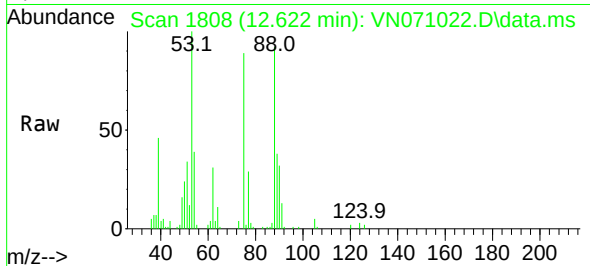




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.711 ug/l  
RT: 12.622 min Scan# 1808  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

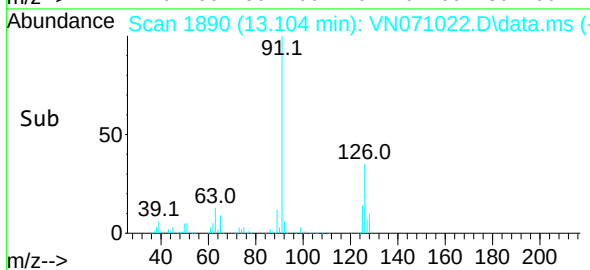
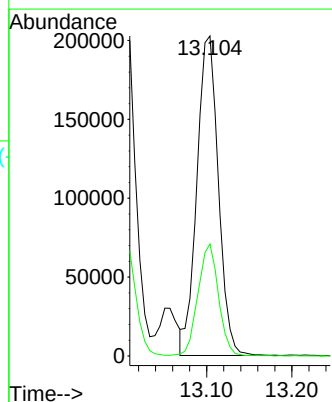
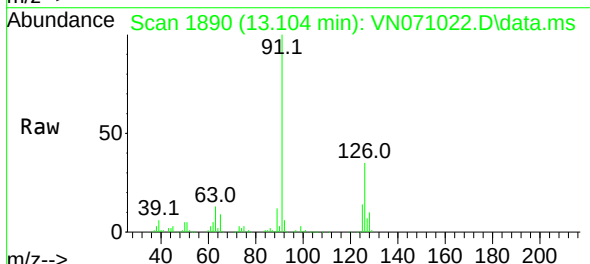
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

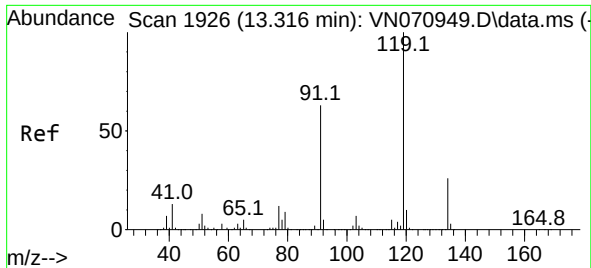
Tgt Ion: 75 Resp: 49064  
Ion Ratio Lower Upper  
75 100  
53 107.2 90.5 135.7  
89 44.2 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 19.371 ug/l  
RT: 13.104 min Scan# 1890  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion: 91 Resp: 353786  
Ion Ratio Lower Upper  
91 100  
126 33.7 18.2 54.6

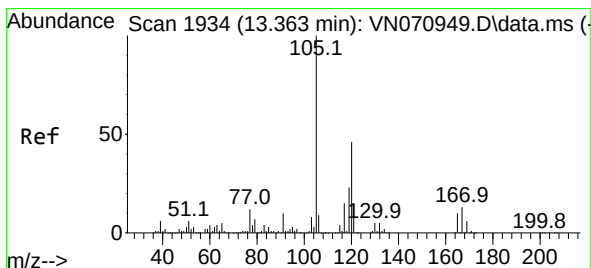
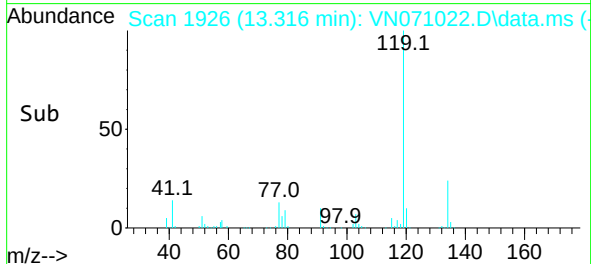
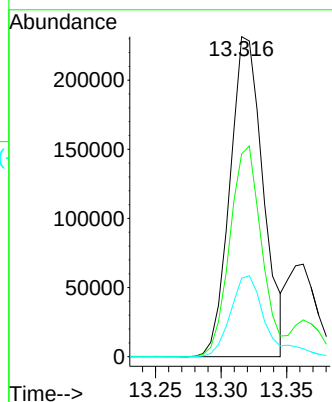
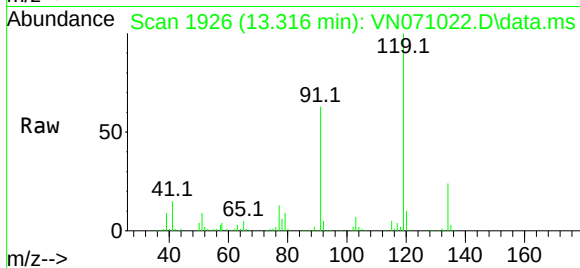




#83  
tert-Butylbenzene  
Concen: 19.295 ug/l  
RT: 13.316 min Scan# 1926  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

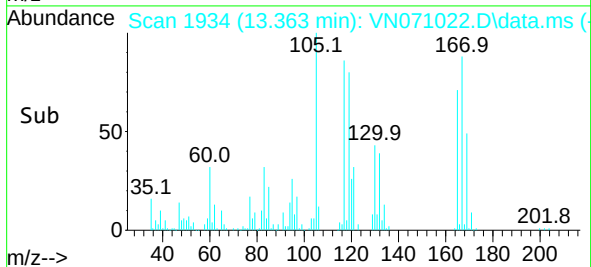
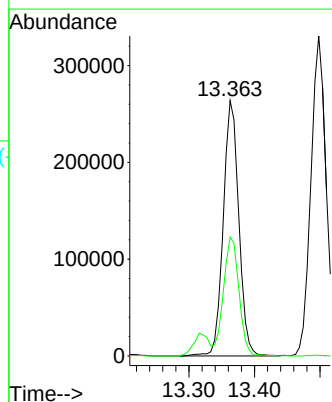
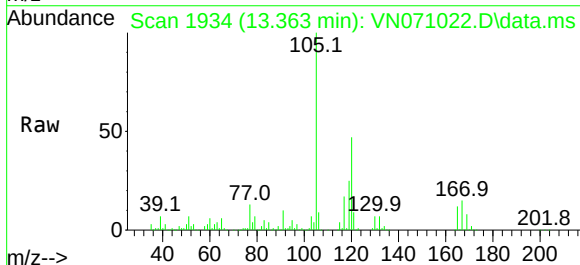
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

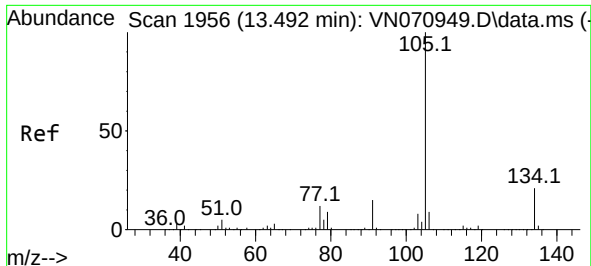
Tgt Ion:119 Resp: 408783  
Ion Ratio Lower Upper  
119 100  
91 63.8 31.5 94.5  
134 26.8 12.4 37.4



#84  
1,2,4-Trimethylbenzene  
Concen: 19.694 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion:105 Resp: 433076  
Ion Ratio Lower Upper  
105 100  
120 46.8 22.8 68.4

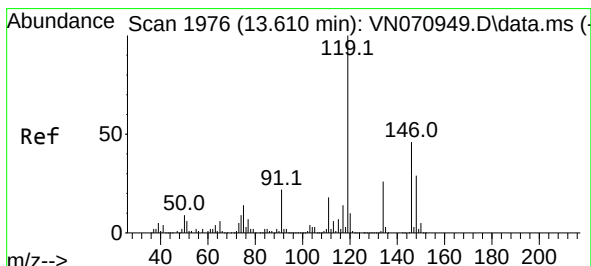
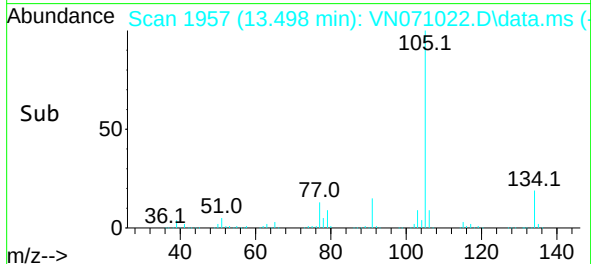
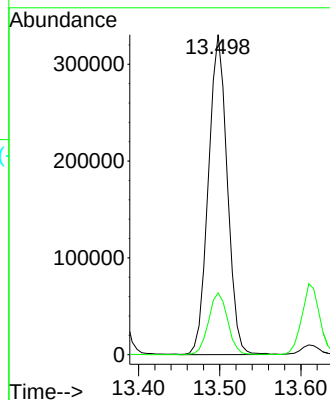
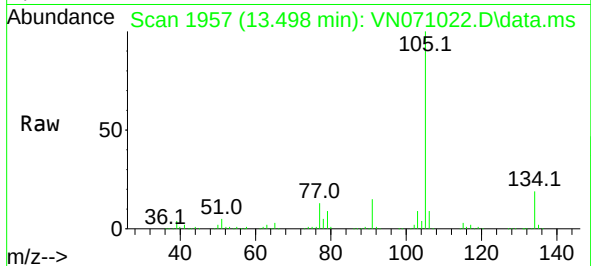




#85  
 sec-Butylbenzene  
 Concen: 19.090 ug/l  
 RT: 13.498 min Scan# 1956  
 Delta R.T. 0.006 min  
 Lab File: VN071022.D  
 Acq: 22 Feb 2022 12:33

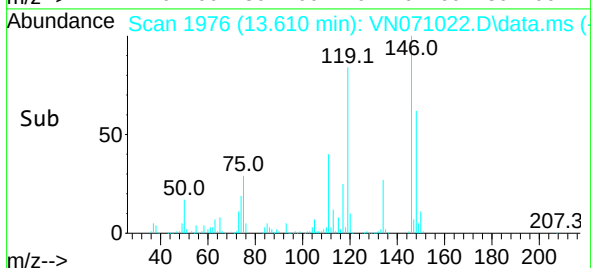
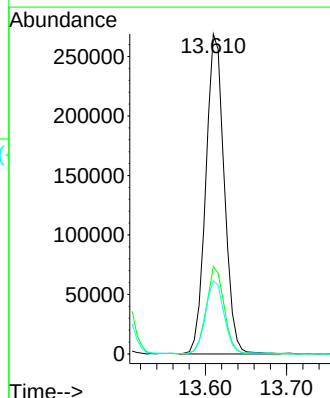
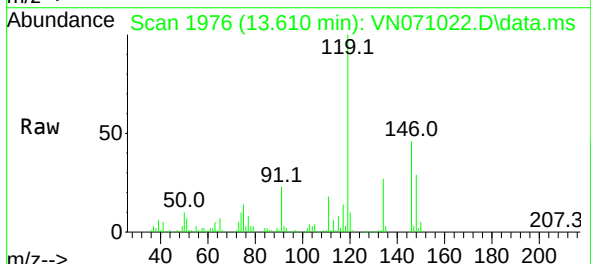
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0222WBS01

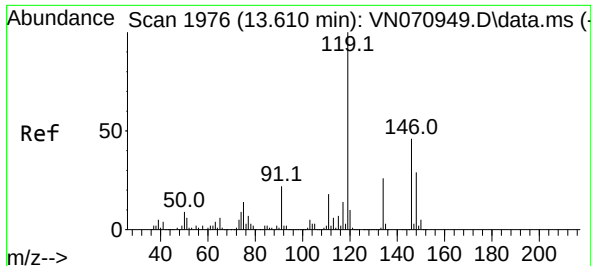
Tgt Ion:105 Resp: 532924  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 18.470 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. 0.000 min  
 Lab File: VN071022.D  
 Acq: 22 Feb 2022 12:33

Tgt Ion:119 Resp: 423295  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 13.6 40.7  
 91 22.8 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 17.877 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

Instrument :

MSVOA\_N

ClientSampleId :

VN0222WBS01

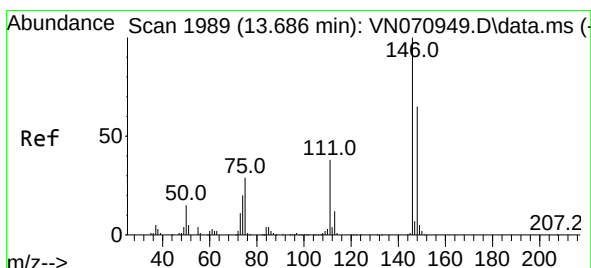
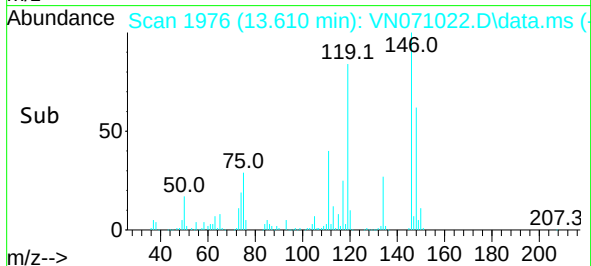
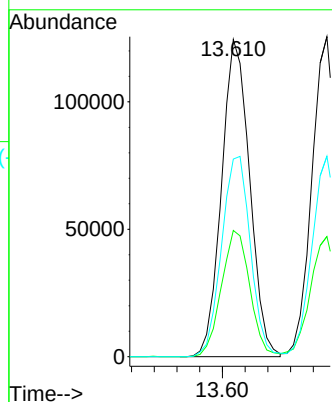
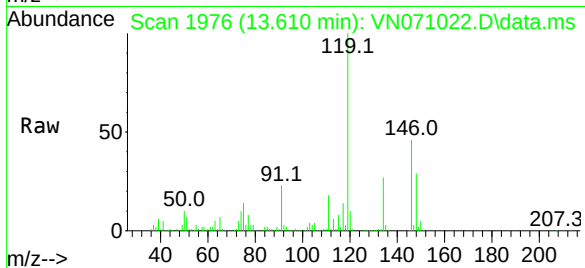
Tgt Ion:146 Resp: 213625

Ion Ratio Lower Upper

146 100

111 40.3 18.6 55.6

148 65.1 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 17.672 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. 0.006 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

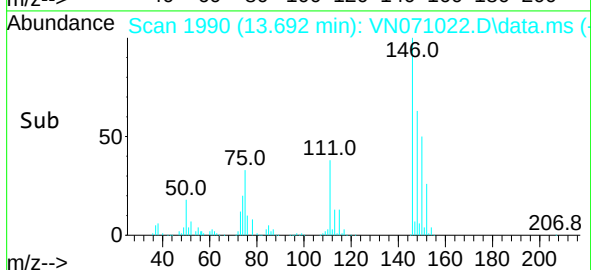
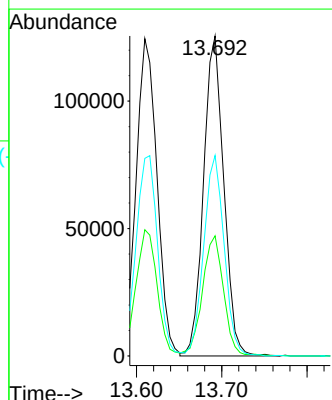
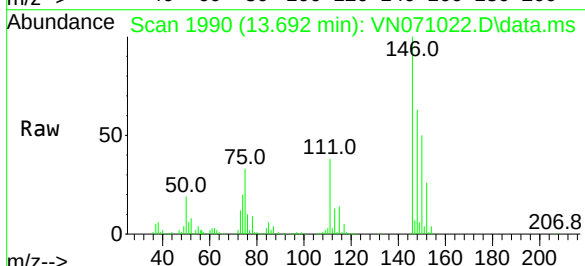
Tgt Ion:146 Resp: 206899

Ion Ratio Lower Upper

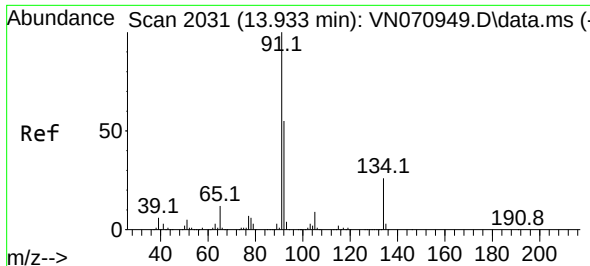
146 100

111 39.5 18.3 54.8

148 63.4 31.8 95.4



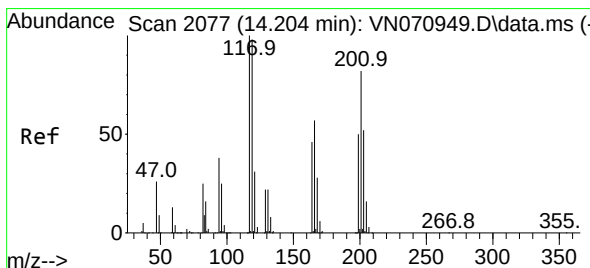
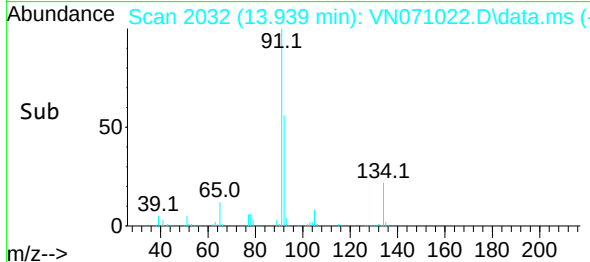
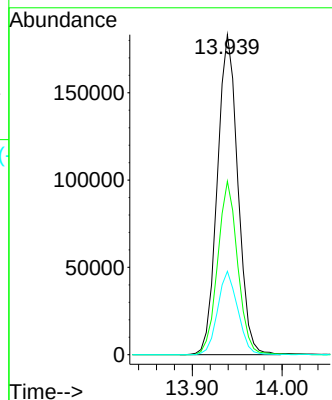
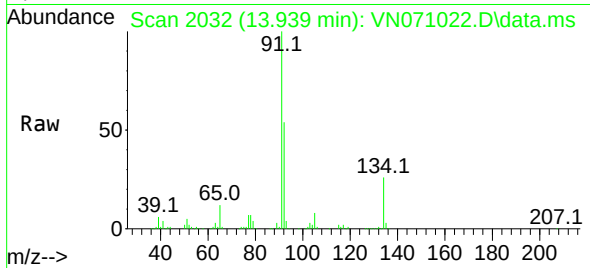




#89  
n-Butylbenzene  
Concen: 15.563 ug/l  
RT: 13.939 min Scan# 2031  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

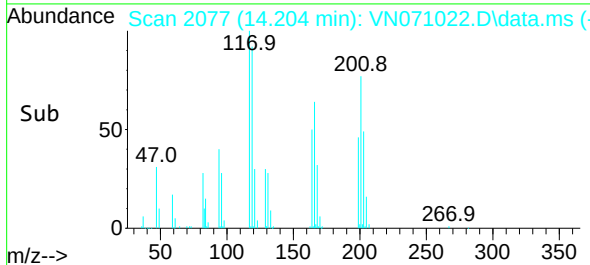
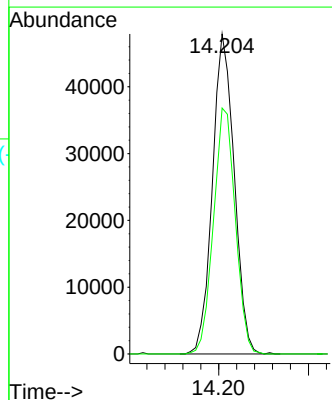
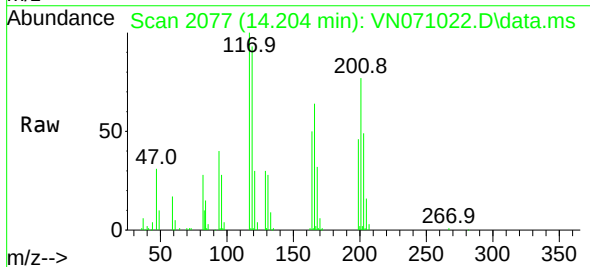
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

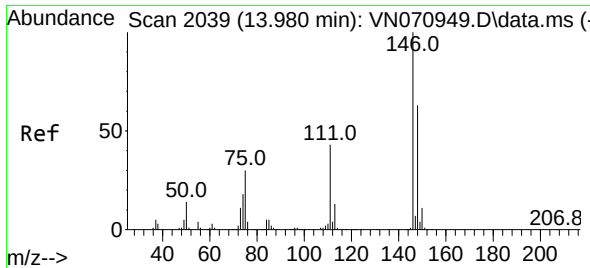
Tgt Ion: 91 Resp: 290981  
Ion Ratio Lower Upper  
91 100  
92 52.9 25.4 76.0  
134 25.4 13.6 40.8



#90  
Hexachloroethane  
Concen: 19.726 ug/l  
RT: 14.204 min Scan# 2077  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion: 117 Resp: 80732  
Ion Ratio Lower Upper  
117 100  
201 76.9 43.9 131.6

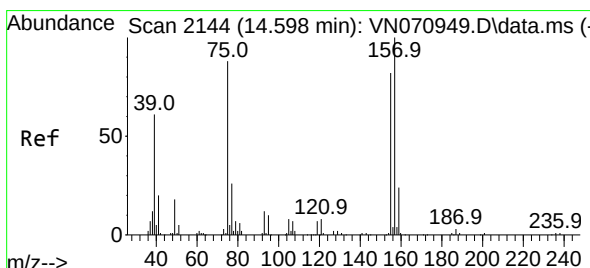
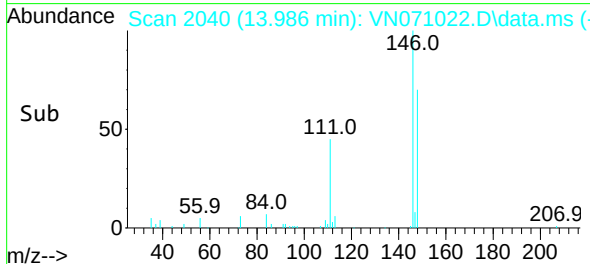
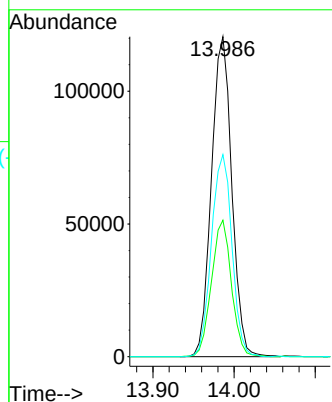
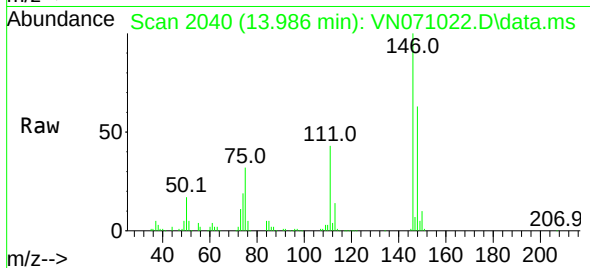




#91  
1,2-Dichlorobenzene  
Concen: 18.689 ug/l  
RT: 13.986 min Scan# 2039  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

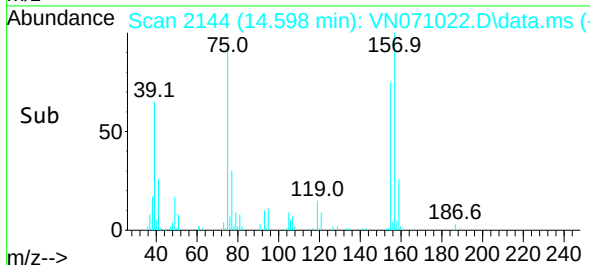
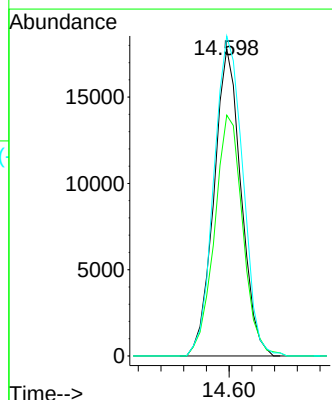
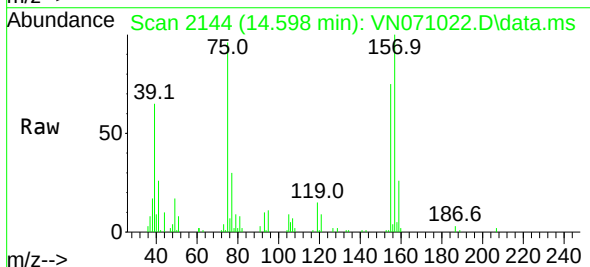
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

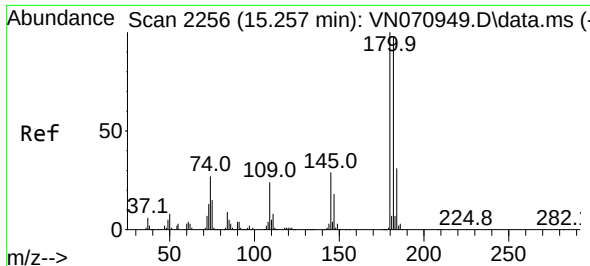
Tgt Ion:146 Resp: 209710  
Ion Ratio Lower Upper  
146 100  
111 41.9 19.1 57.3  
148 63.8 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.785 ug/l  
RT: 14.598 min Scan# 2144  
Delta R.T. 0.000 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion: 75 Resp: 29508  
Ion Ratio Lower Upper  
75 100  
155 81.7 46.9 140.7  
157 110.9 60.6 181.7

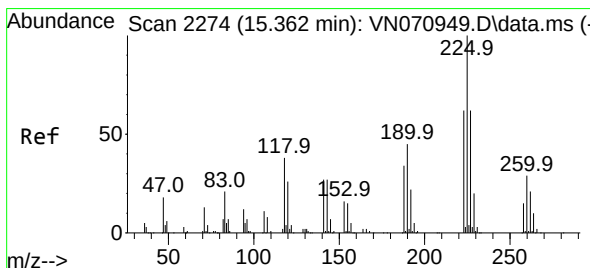
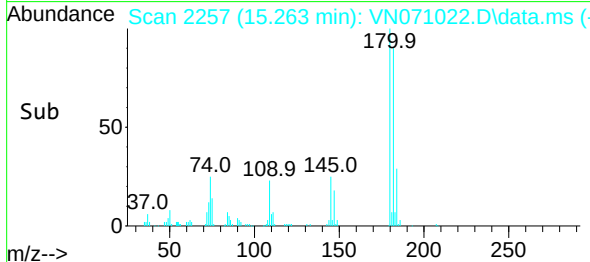
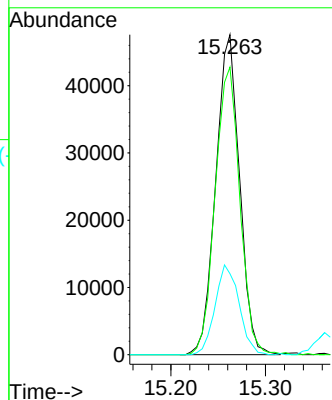
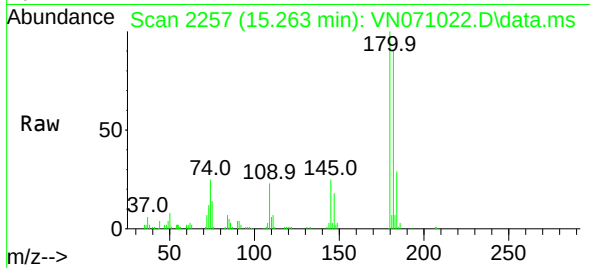




#93  
1,2,4-Trichlorobenzene  
Concen: 14.659 ug/l  
RT: 15.263 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

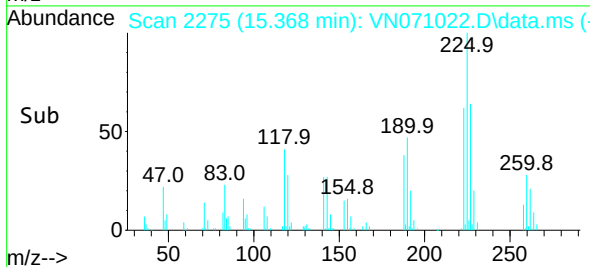
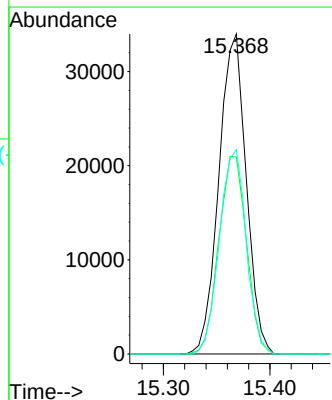
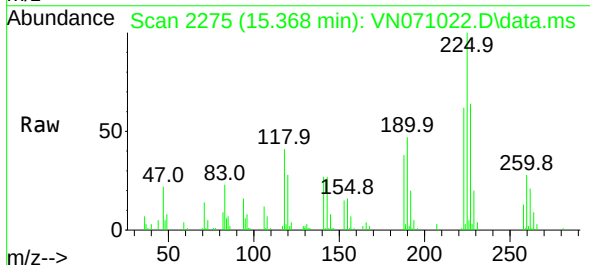
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

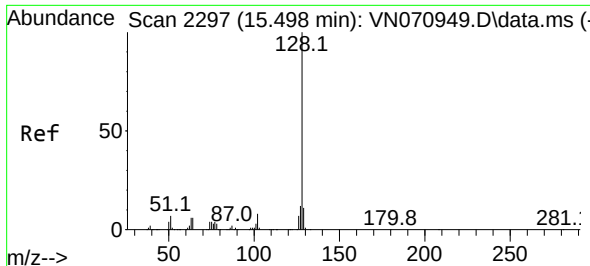
Tgt Ion:180 Resp: 83173  
Ion Ratio Lower Upper  
180 100  
182 93.3 48.3 144.9  
145 28.3 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 14.799 ug/l  
RT: 15.368 min Scan# 2275  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion:225 Resp: 60555  
Ion Ratio Lower Upper  
225 100  
223 62.6 31.9 95.7  
227 62.6 32.1 96.3

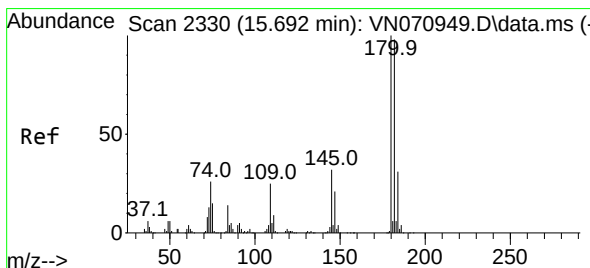
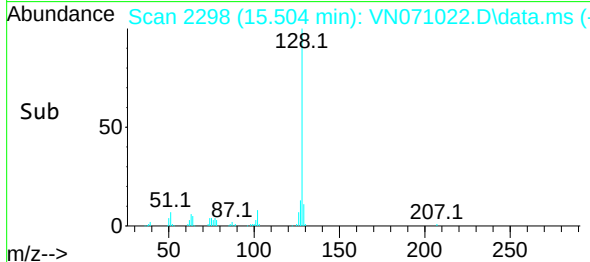
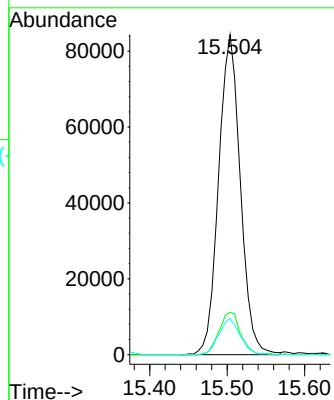
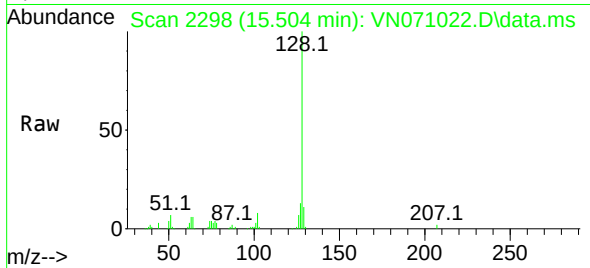




#95  
Naphthalene  
Concen: 14.649 ug/l  
RT: 15.504 min Scan# 2298  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0222WBS01

Tgt Ion:128 Resp: 164343  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.5 15.7  
129 11.1 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 15.067 ug/l  
RT: 15.698 min Scan# 2331  
Delta R.T. 0.006 min  
Lab File: VN071022.D  
Acq: 22 Feb 2022 12:33

Tgt Ion:180 Resp: 76844  
Ion Ratio Lower Upper  
180 100  
182 93.6 47.4 142.2  
145 30.6 15.0 45.1

