

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020122\  
 Data File : VN070886.D  
 Acq On : 1 Feb 2022 21:34  
 Operator : JC/MD  
 Sample : VN0201WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0201WBSD01

Quant Time: Feb 02 00:40:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011822W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 18 13:32:07 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.086  | 168  | 864882   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.965  | 114  | 1406314  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.744 | 117  | 1244809  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.672 | 152  | 535881   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.437  | 65    | 574566   | 46.354   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 92.700%  |
| 35) Dibromofluoromethane    | 8.021  | 113   | 439233   | 50.351   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 100.700% |
| 50) Toluene-d8              | 10.440 | 98    | 1734358  | 47.194   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 94.380%  |
| 62) 4-Bromofluorobenzene    | 12.728 | 95    | 609877   | 46.572   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 93.140%  |

|                              |       |     |         |        |        |     |
|------------------------------|-------|-----|---------|--------|--------|-----|
| Target Compounds             |       |     |         | Qvalue |        |     |
| 2) Dichlorodifluoromethane   | 2.075 | 85  | 124611  | 12.468 | ug/l   | 99  |
| 3) Chloromethane             | 2.306 | 50  | 184980  | 12.662 | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.448 | 62  | 184166  | 13.255 | ug/l   | 98  |
| 5) Bromomethane              | 2.861 | 94  | 112149  | 15.498 | ug/l   | 98  |
| 6) Chloroethane              | 3.027 | 64  | 115301  | 13.298 | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.381 | 101 | 243018  | 15.311 | ug/l   | 99  |
| 8) Diethyl Ether             | 3.827 | 74  | 117041  | 16.880 | ug/l   | 87  |
| 9) 1,1,2-Trichlorotrifluo... | 4.213 | 101 | 147086  | 15.332 | ug/l   | 97  |
| 10) Methyl Iodide            | 4.422 | 142 | 206960  | 16.730 | ug/l   | 97  |
| 11) Tert butyl alcohol       | 5.369 | 59  | 211671  | 94.655 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.186 | 96  | 150412  | 15.720 | ug/l   | 97  |
| 13) Acrolein                 | 4.041 | 56  | 320168  | 99.828 | ug/l   | 100 |
| 14) Allyl chloride           | 4.843 | 41  | 346553  | 16.623 | ug/l # | 84  |
| 15) Acrylonitrile            | 5.554 | 53  | 613573  | 86.249 | ug/l   | 99  |
| 16) Acetone                  | 4.288 | 43  | 533609  | 62.025 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.529 | 76  | 414878  | 15.966 | ug/l   | 98  |
| 18) Methyl Acetate           | 4.856 | 43  | 308513  | 18.235 | ug/l   | 93  |
| 19) Methyl tert-butyl Ether  | 5.618 | 73  | 627910  | 18.370 | ug/l   | 94  |
| 20) Methylene Chloride       | 5.095 | 84  | 182659  | 16.118 | ug/l   | 90  |
| 21) trans-1,2-Dichloroethene | 5.597 | 96  | 158785  | 16.489 | ug/l   | 88  |
| 22) Diisopropyl ether        | 6.498 | 45  | 728656  | 17.634 | ug/l   | 92  |
| 23) Vinyl Acetate            | 6.433 | 43  | 3193829 | 91.181 | ug/l   | 95  |
| 24) 1,1-Dichloroethane       | 6.388 | 63  | 348131  | 16.843 | ug/l   | 99  |
| 25) 2-Butanone               | 7.335 | 43  | 875513  | 80.874 | ug/l   | 93  |
| 26) 2,2-Dichloropropane      | 7.327 | 77  | 268417  | 16.938 | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.327 | 96  | 199380  | 17.429 | ug/l   | 89  |
| 28) Bromochloromethane       | 7.656 | 49  | 170119  | 18.332 | ug/l # | 80  |
| 29) Tetrahydrofuran          | 7.686 | 42  | 586811  | 88.527 | ug/l   | 89  |
| 30) Chloroform               | 7.817 | 83  | 337682  | 16.390 | ug/l   | 100 |
| 31) Cyclohexane              | 8.094 | 56  | 338094  | 15.490 | ug/l   | 91  |
| 32) 1,1,1-Trichloroethane    | 8.013 | 97  | 283829  | 17.691 | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.220 | 75  | 242623  | 16.521 | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.412 | 43  | 349667  | 17.935 | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 8.206 | 117 | 232881  | 17.825 | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.459 | 83  | 299150  | 16.500 | ug/l   | 90  |
| 40) Benzene                  | 8.458 | 78  | 875469  | 19.239 | ug/l   | 99  |

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 Sample : VN0201WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0201WBSD01

Quant Time: Feb 02 00:40:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011822W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 18 13:32:07 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.635  | 41   | 176165   | 17.760  | ug/l # | 88       |
| 42) 1,2-Dichloroethane        | 8.528  | 62   | 268906   | 17.043  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.560  | 43   | 619118   | 20.790  | ug/l # | 93       |
| 44) Trichloroethene           | 9.215  | 130  | 183827   | 17.820  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.488  | 63   | 217229   | 17.546  | ug/l   | 99       |
| 46) Dibromomethane            | 9.577  | 93   | 130495   | 18.127  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.759  | 83   | 265193   | 18.021  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.558  | 41   | 274770   | 19.368  | ug/l # | 80       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 77646    | 364.360 | ug/l # | 75       |
| 51) 4-Methyl-2-Pentanone      | 10.328 | 43   | 1785377  | 93.956  | ug/l   | 99       |
| 52) Toluene                   | 10.505 | 92   | 591180   | 21.719  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.717 | 75   | 299977   | 18.406  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.188 | 75   | 329384   | 18.664  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.896 | 97   | 194285   | 18.169  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.759 | 69   | 343606   | 18.420  | ug/l   | 89       |
| 57) 1,3-Dichloropropane       | 11.044 | 76   | 339847   | 17.953  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.041 | 63   | 513835   | 112.375 | ug/l   | 91       |
| 59) 2-Hexanone                | 11.084 | 43   | 1296258  | 93.903  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.237 | 129  | 193934   | 19.444  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.344 | 107  | 197900   | 18.433  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.977 | 164  | 160139   | 17.546  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.768 | 112  | 498001   | 18.465  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.838 | 131  | 185758   | 20.001  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.843 | 91   | 935049   | 18.700  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.950 | 106  | 718758   | 39.513  | ug/l   | 94       |
| 69) o-Xylene                  | 12.277 | 106  | 351715   | 19.483  | ug/l   | 95       |
| 70) Styrene                   | 12.291 | 104  | 565370   | 19.577  | ug/l   | 98       |
| 71) Bromoform                 | 12.454 | 173  | 152313   | 21.711  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.575 | 105  | 881502   | 17.388  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.385 | 43   | 442199   | 21.333  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.825 | 83   | 305722   | 17.856  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.878 | 75   | 373996   | 26.314  | ug/l # | 1        |
| 77) Bromobenzene              | 12.857 | 156  | 208239   | 18.320  | ug/l   | 80       |
| 78) n-propylbenzene           | 12.918 | 91   | 995101   | 17.551  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.004 | 91   | 618700   | 17.251  | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 13.055 | 105  | 731054   | 17.832  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.623 | 75   | 92195    | 19.325  | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 13.101 | 91   | 597591   | 17.833  | ug/l   | 92       |
| 83) tert-Butylbenzene         | 13.321 | 119  | 638427   | 17.889  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.366 | 105  | 745877   | 18.927  | ug/l   | 95       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 905071   | 18.655  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.613 | 119  | 700532   | 18.380  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.613 | 146  | 356522   | 18.855  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.691 | 146  | 348862   | 18.540  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.940 | 91   | 596406   | 18.968  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.208 | 117  | 110943   | 16.652  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 344156   | 18.422  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.600 | 75   | 58900    | 20.280  | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 15.260 | 180  | 198854   | 22.135  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.367 | 225  | 131790   | 23.820  | ug/l   | 99       |
| 95) Naphthalene               | 15.501 | 128  | 603874   | 24.529  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.697 | 180  | 189370   | 21.939  | ug/l   | 98       |

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Data File : VN070886.D  
Acq On : 1 Feb 2022 21:34  
Operator : JC/MD  
Sample : VN0201WBSD01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 20 Sample Multiplier: 1

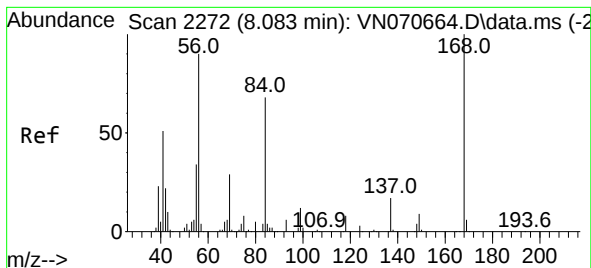
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

Quant Time: Feb 02 00:40:27 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011822W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 18 13:32:07 2022  
Response via : Initial Calibration

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

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070886.D

Acq: 1 Feb 2022 21:34

Instrument :

MSVOA\_N

ClientSampleId :

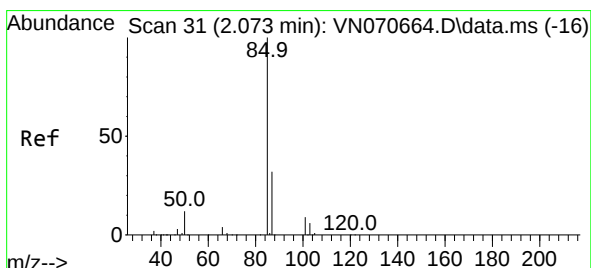
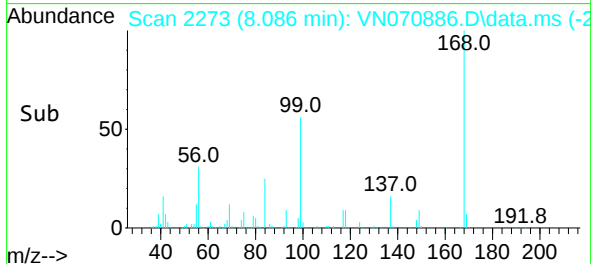
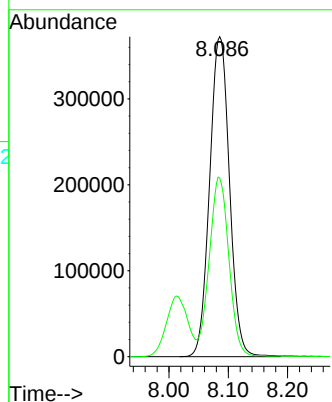
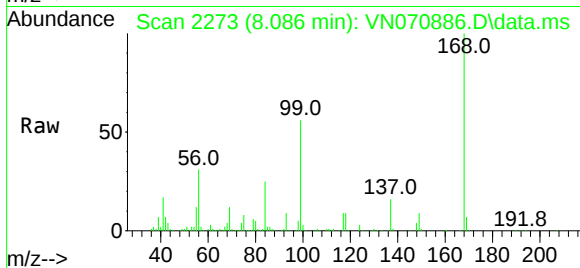
VN0201WBSD01

Tgt Ion:168 Resp: 864882

Ion Ratio Lower Upper

168 100

99 55.6 41.3 61.9



#2

Dichlorodifluoromethane

Concen: 12.468 ug/l

RT: 2.075 min Scan# 32

Delta R.T. 0.002 min

Lab File: VN070886.D

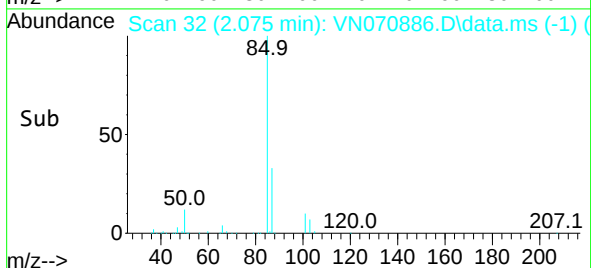
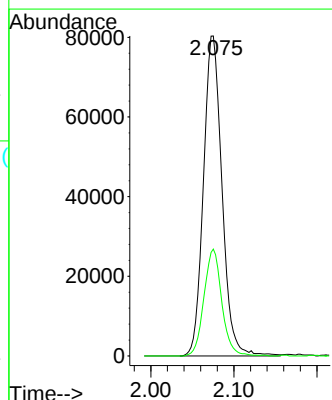
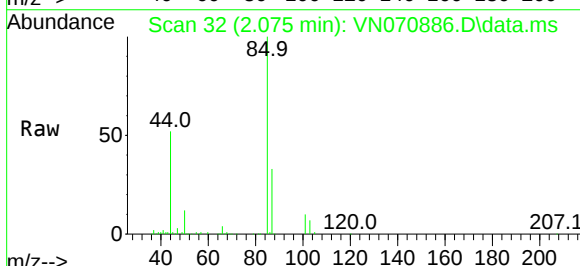
Acq: 1 Feb 2022 21:34

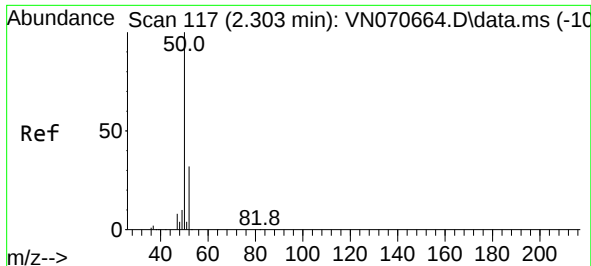
Tgt Ion: 85 Resp: 124611

Ion Ratio Lower Upper

85 100

87 33.4 16.3 48.9

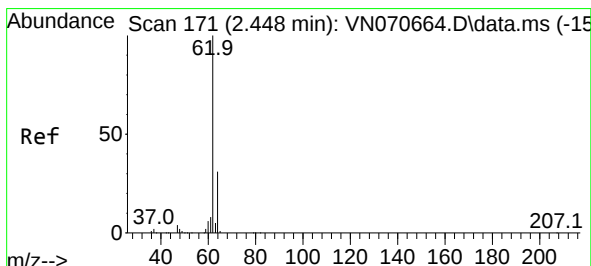
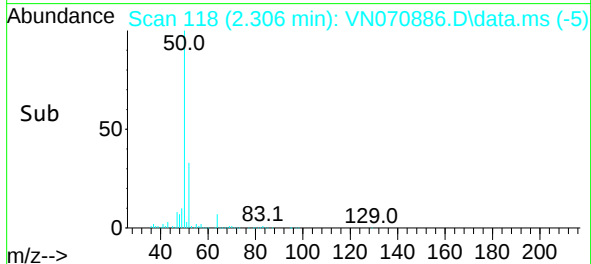
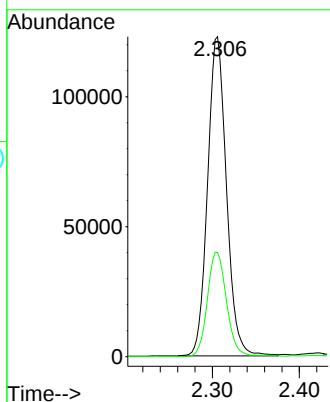
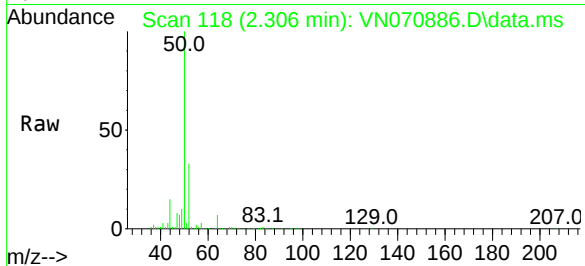




#3  
Chloromethane  
Concen: 12.662 ug/l  
RT: 2.306 min Scan# 117  
Delta R.T. 0.003 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

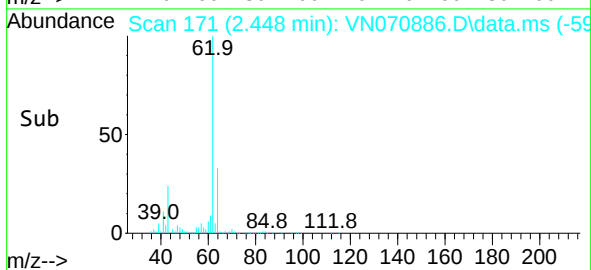
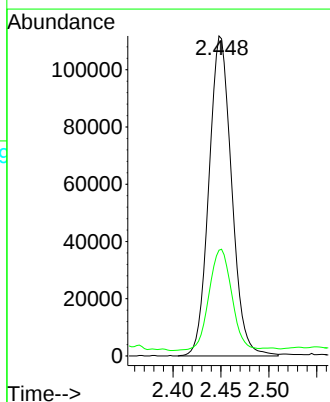
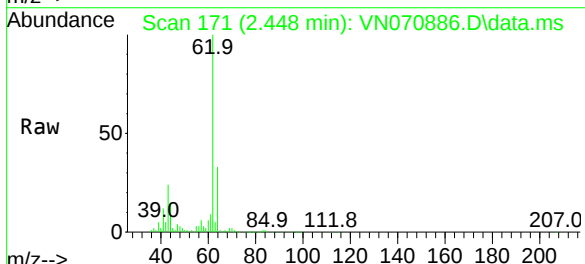
Instrument :  
MSVOA\_N  
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VN0201WBSD01

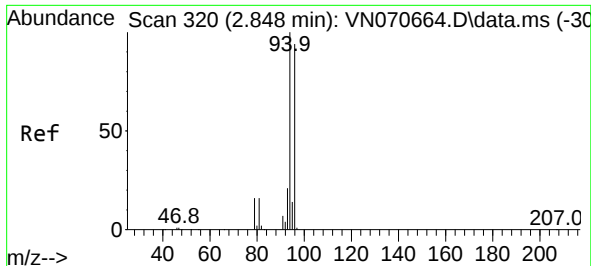
Tgt Ion: 50 Resp: 184980  
Ion Ratio Lower Upper  
50 100  
52 32.6 25.4 38.0



#4  
Vinyl Chloride  
Concen: 13.255 ug/l  
RT: 2.448 min Scan# 171  
Delta R.T. 0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion: 62 Resp: 184166  
Ion Ratio Lower Upper  
62 100  
64 31.3 25.8 38.6

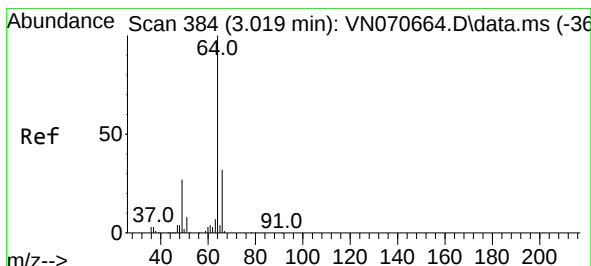
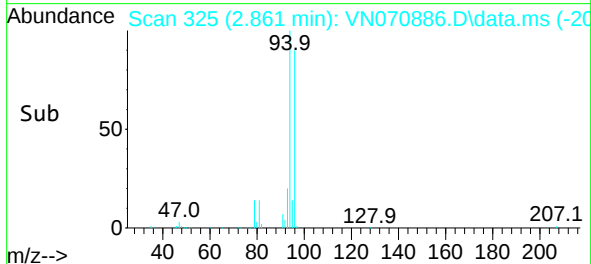
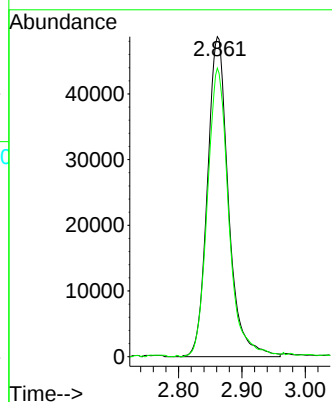
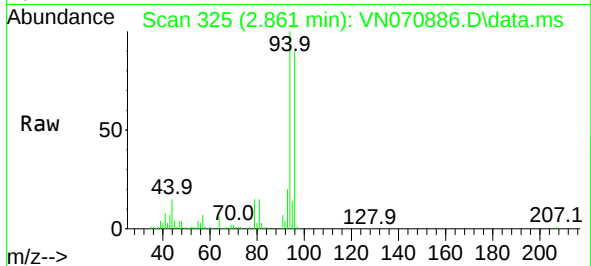




#5  
Bromomethane  
Concen: 15.498 ug/l  
RT: 2.861 min Scan# 31  
Delta R.T. 0.013 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

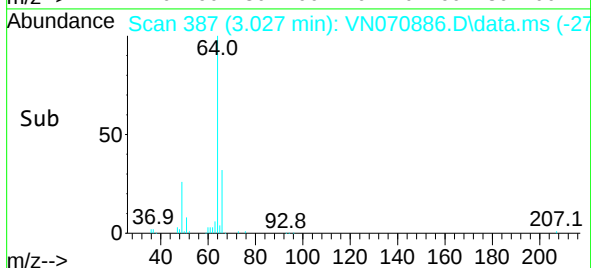
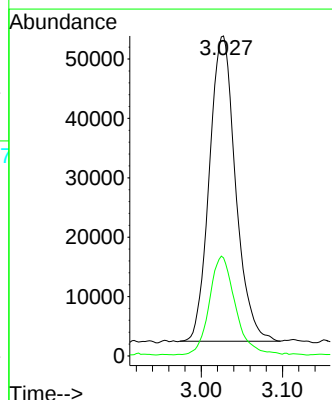
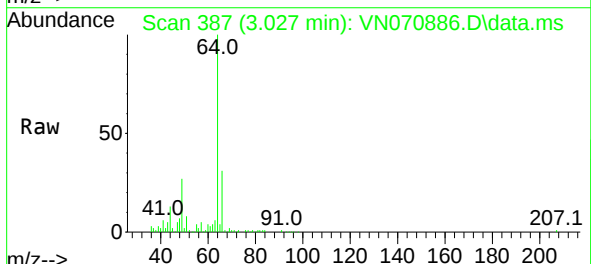
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

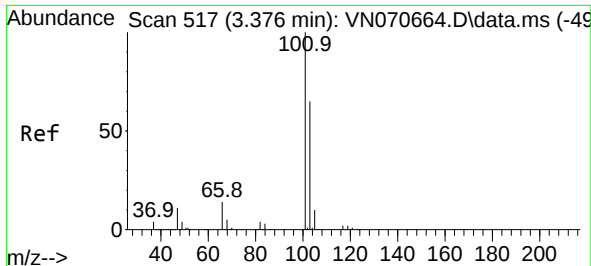
Tgt Ion: 94 Resp: 112149  
Ion Ratio Lower Upper  
94 100  
96 90.2 73.8 110.8



#6  
Chloroethane  
Concen: 13.298 ug/l  
RT: 3.027 min Scan# 387  
Delta R.T. 0.008 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion: 64 Resp: 115301  
Ion Ratio Lower Upper  
64 100  
66 31.6 26.3 39.5

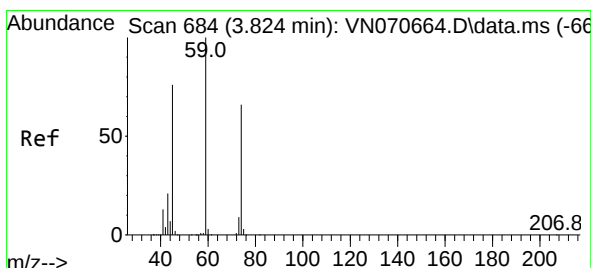
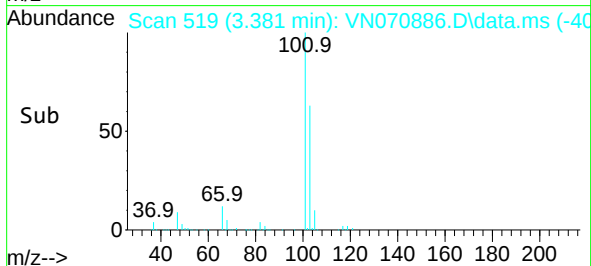
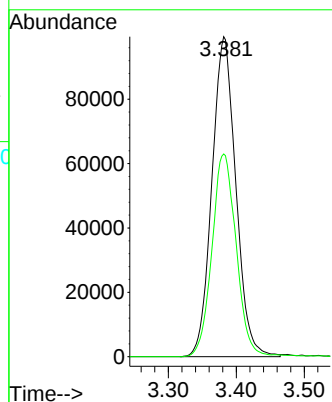
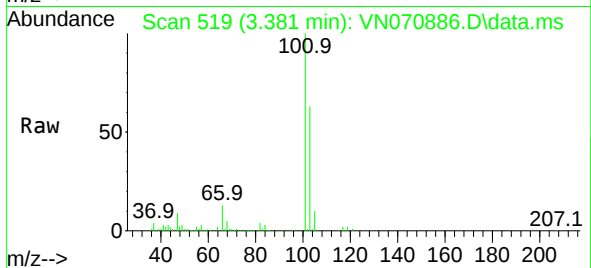




#7  
Trichlorofluoromethane  
Concen: 15.311 ug/l  
RT: 3.381 min Scan# 517  
Delta R.T. 0.005 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

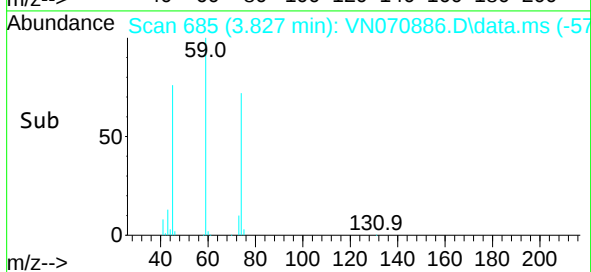
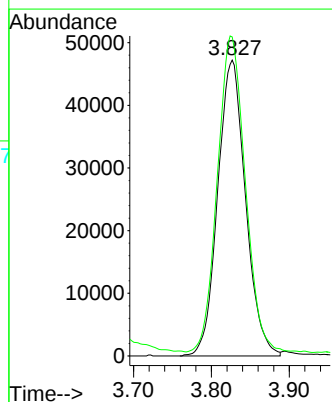
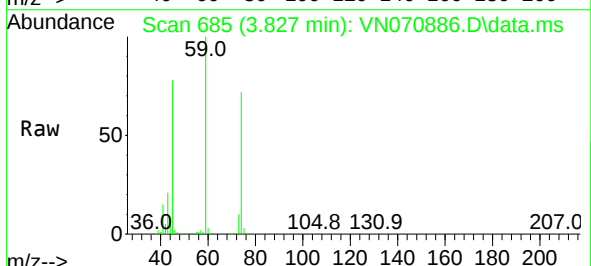
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

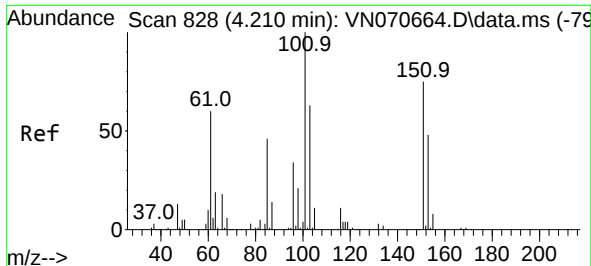
Tgt Ion:101 Resp: 243018  
Ion Ratio Lower Upper  
101 100  
103 63.4 50.1 75.1



#8  
Diethyl Ether  
Concen: 16.880 ug/l  
RT: 3.827 min Scan# 685  
Delta R.T. 0.003 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion: 74 Resp: 117041  
Ion Ratio Lower Upper  
74 100  
45 106.6 47.0 141.2

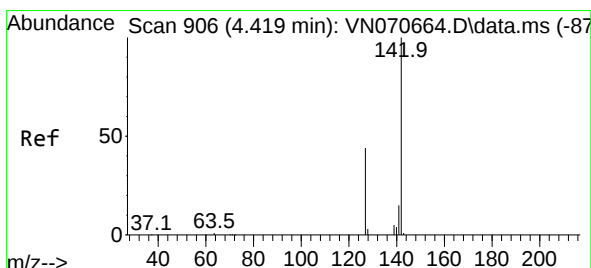
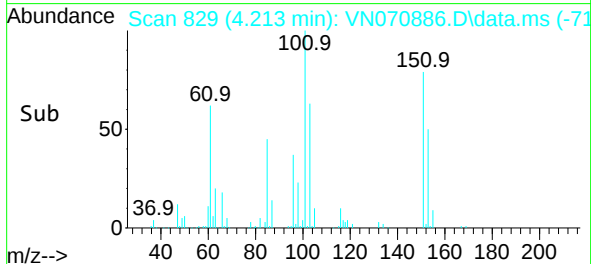
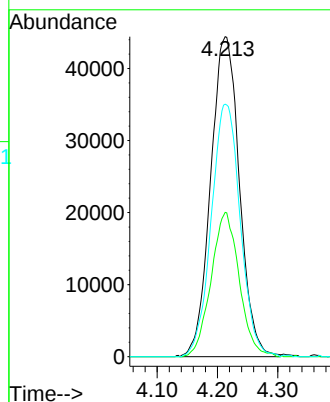
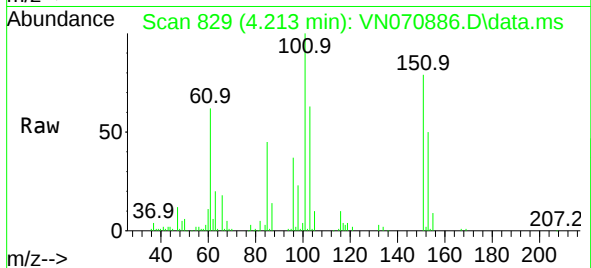




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 15.332 ug/l  
RT: 4.213 min Scan# 81  
Delta R.T. 0.003 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

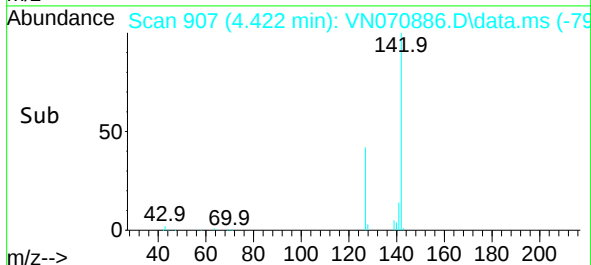
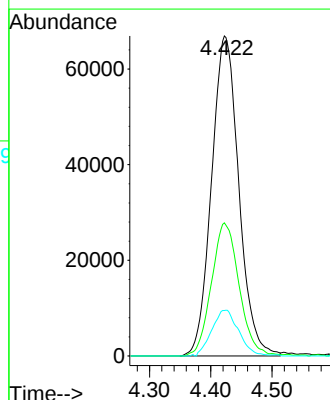
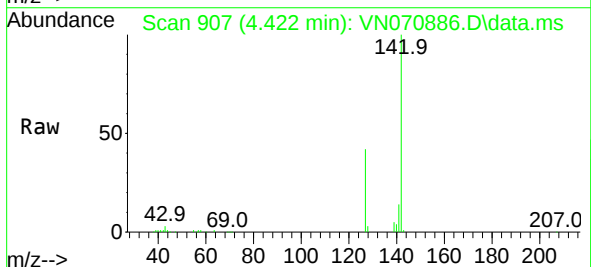
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

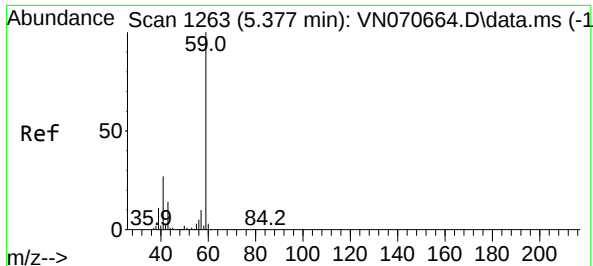
Tgt Ion:101 Resp: 147086  
Ion Ratio Lower Upper  
101 100  
85 44.1 37.2 55.8  
151 79.6 65.9 98.9



#10  
Methyl Iodide  
Concen: 16.730 ug/l  
RT: 4.422 min Scan# 907  
Delta R.T. 0.003 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion:142 Resp: 206960  
Ion Ratio Lower Upper  
142 100  
127 42.2 35.4 53.0  
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 94.655 ug/l

RT: 5.369 min Scan# 11

Delta R.T. -0.008 min

Lab File: VN070886.D

Acq: 1 Feb 2022 21:34

Instrument :

MSVOA\_N

ClientSampleId :

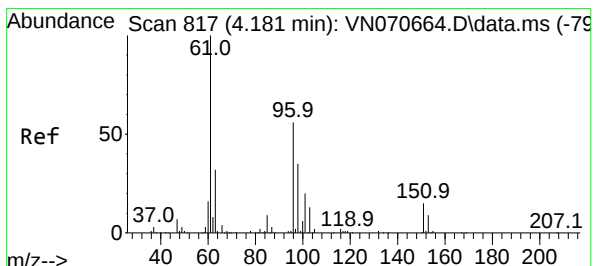
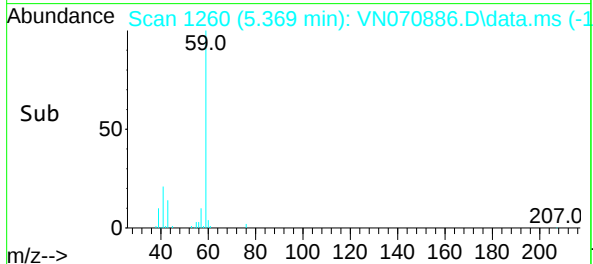
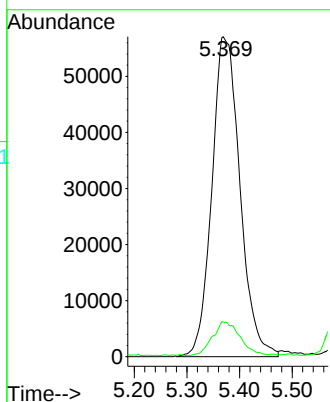
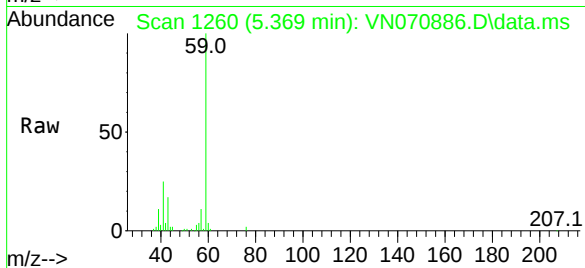
VN0201WBSD01

Tgt Ion: 59 Resp: 211671

Ion Ratio Lower Upper

59 100

57 10.5 8.7 13.1



#12

1,1-Dichloroethene

Concen: 15.720 ug/l

RT: 4.186 min Scan# 819

Delta R.T. 0.005 min

Lab File: VN070886.D

Acq: 1 Feb 2022 21:34

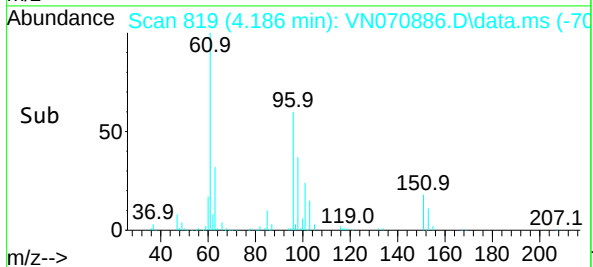
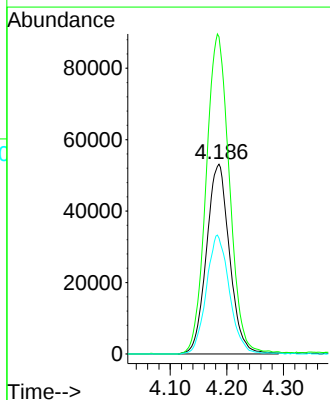
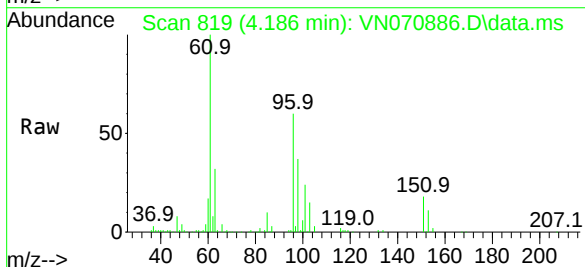
Tgt Ion: 96 Resp: 150412

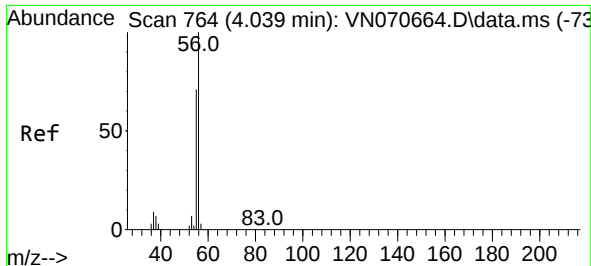
Ion Ratio Lower Upper

96 100

61 167.0 131.0 196.6

98 61.0 52.4 78.6





#13

Acrolein

Concen: 99.828 ug/l

RT: 4.041 min Scan# 7

Delta R.T. 0.002 min

Lab File: VN070886.D

Acq: 1 Feb 2022 21:34

Instrument :

MSVOA\_N

ClientSampleId :

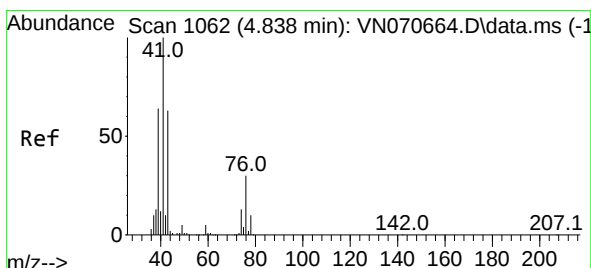
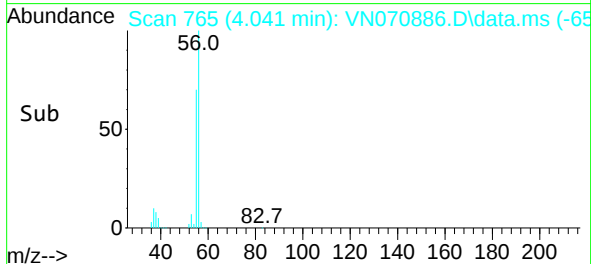
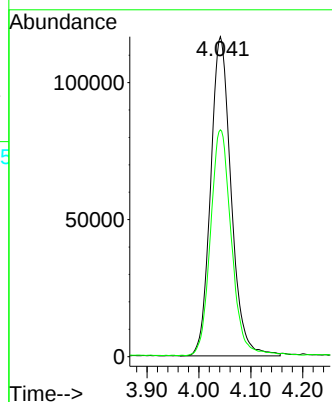
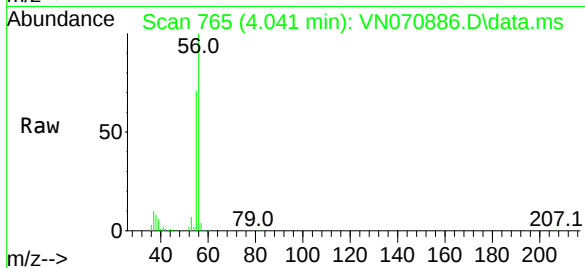
VN0201WBSD01

Tgt Ion: 56 Resp: 320168

Ion Ratio Lower Upper

56 100

55 70.9 56.6 85.0



#14

Allyl chloride

Concen: 16.623 ug/l

RT: 4.843 min Scan# 1064

Delta R.T. 0.005 min

Lab File: VN070886.D

Acq: 1 Feb 2022 21:34

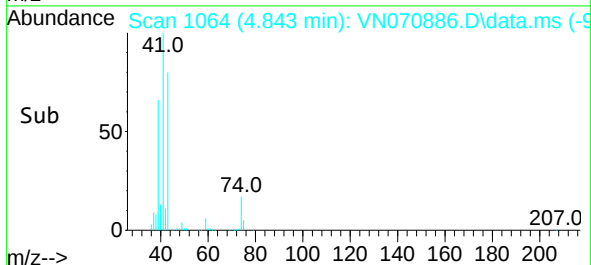
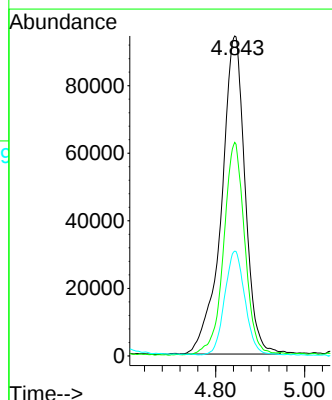
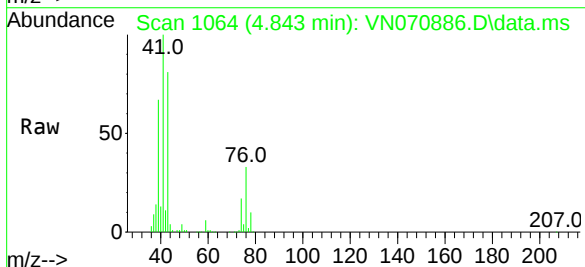
Tgt Ion: 41 Resp: 346553

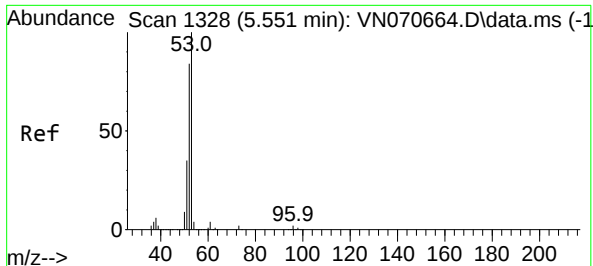
Ion Ratio Lower Upper

41 100

39 59.7 61.2 91.8#

76 28.0 26.0 39.0

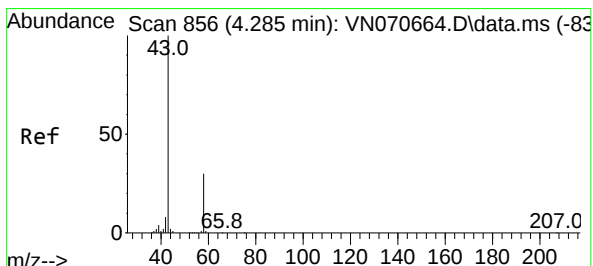
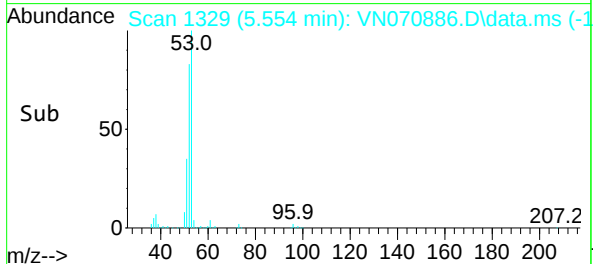
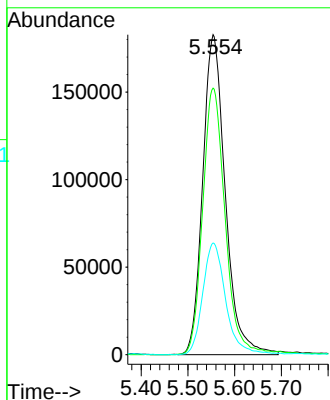
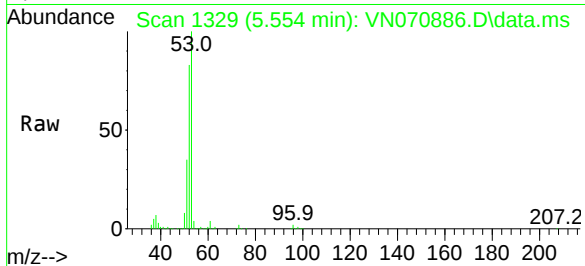




#15  
Acrylonitrile  
Concen: 86.249 ug/l  
RT: 5.554 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

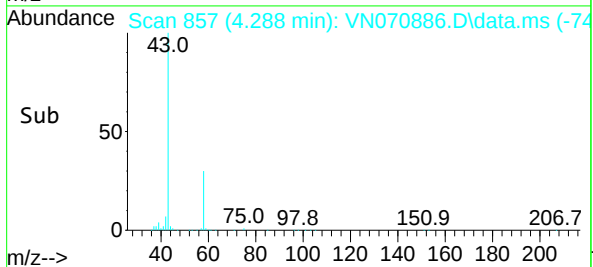
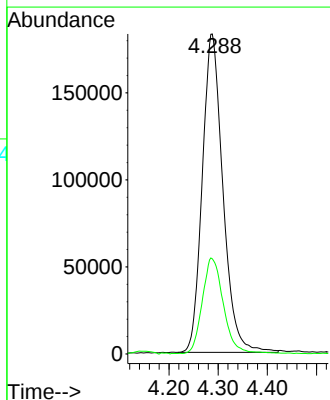
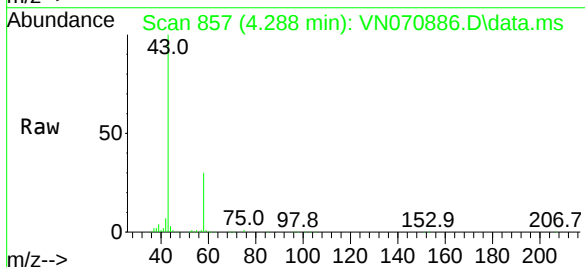
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

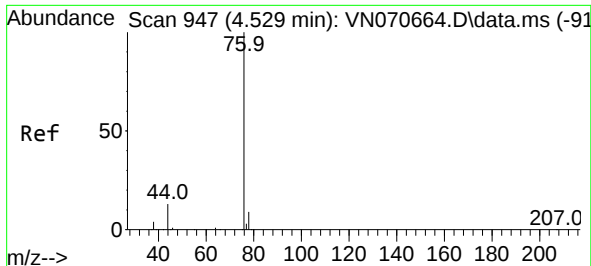
Tgt Ion: 53 Resp: 613573  
Ion Ratio Lower Upper  
53 100  
52 82.7 66.2 99.2  
51 35.4 29.6 44.4



#16  
Acetone  
Concen: 62.025 ug/l  
RT: 4.288 min Scan# 857  
Delta R.T. 0.003 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion: 43 Resp: 533609  
Ion Ratio Lower Upper  
43 100  
58 29.7 23.1 34.7

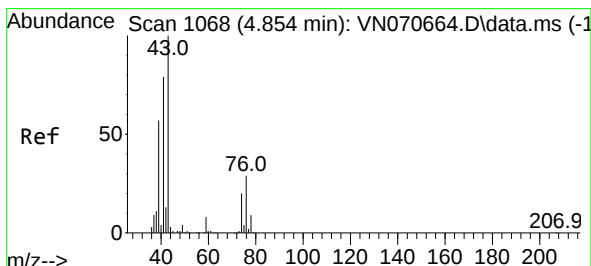
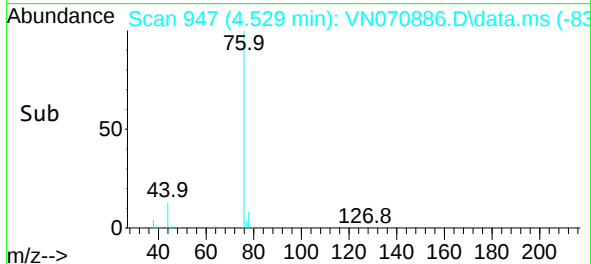
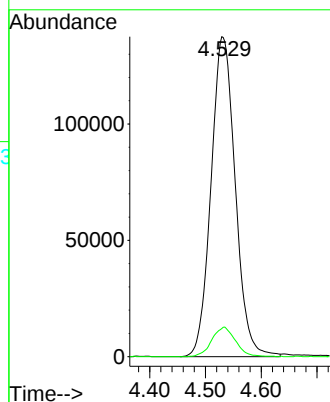
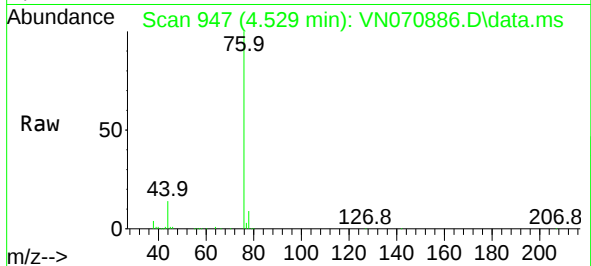




#17  
Carbon Disulfide  
Concen: 15.966 ug/l  
RT: 4.529 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

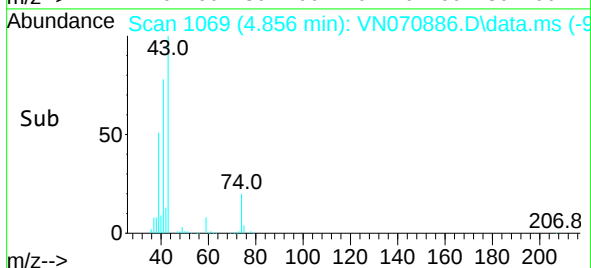
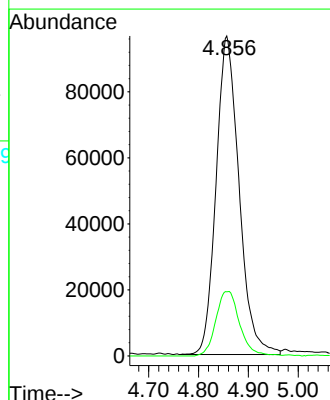
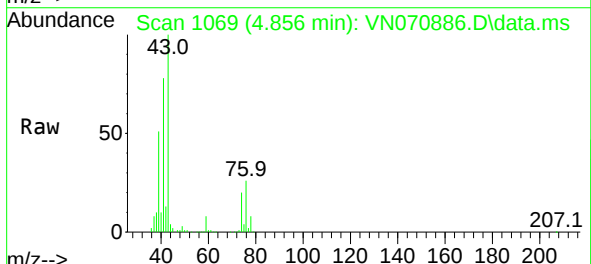
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

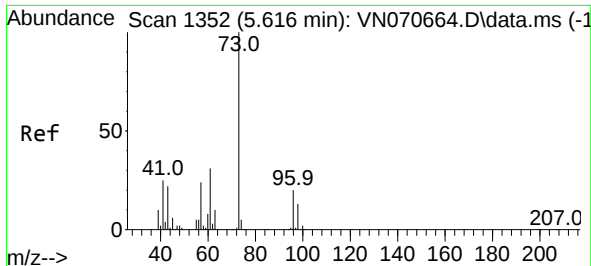
Tgt Ion: 76 Resp: 414878  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.5 11.3



#18  
Methyl Acetate  
Concen: 18.235 ug/l  
RT: 4.856 min Scan# 1069  
Delta R.T. 0.002 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion: 43 Resp: 308513  
Ion Ratio Lower Upper  
43 100  
74 20.9 19.4 29.2

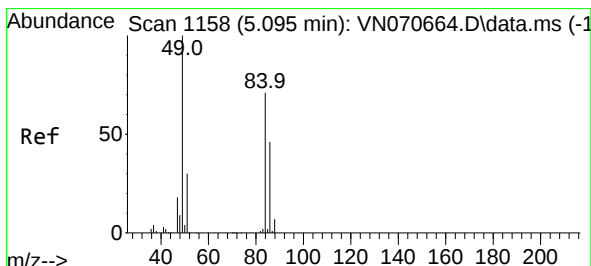
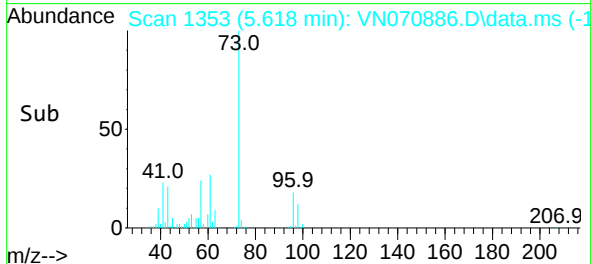
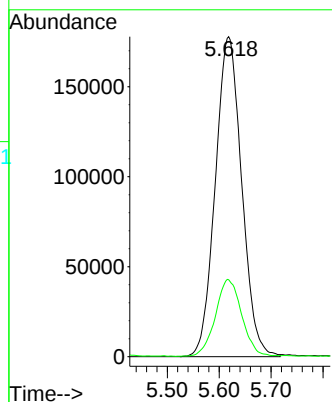
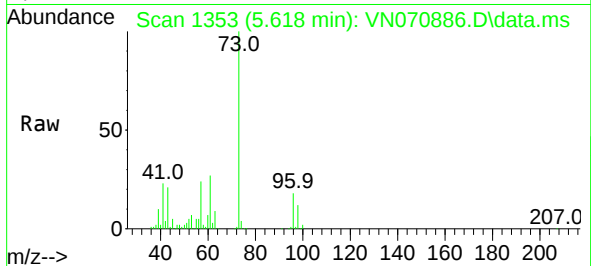




#19  
Methyl tert-butyl Ether  
Concen: 18.370 ug/l  
RT: 5.618 min Scan# 1153  
Delta R.T. 0.002 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

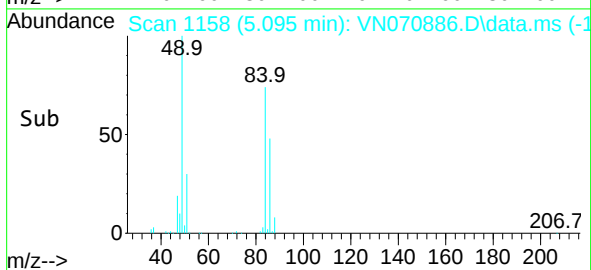
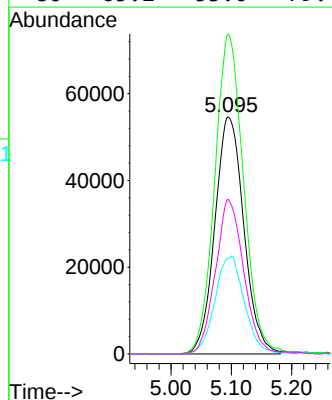
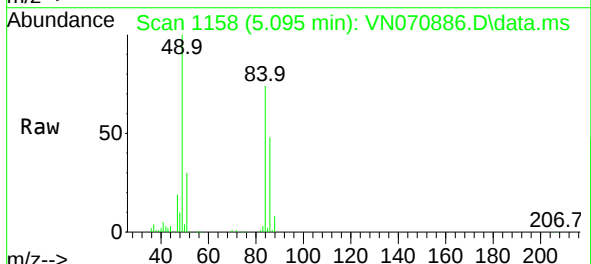
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MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

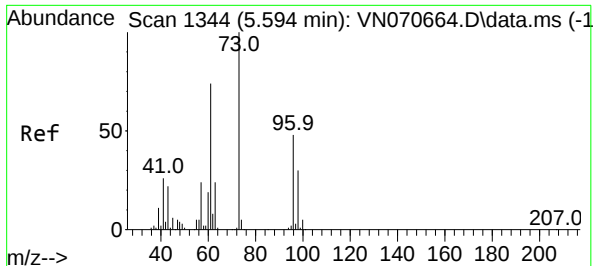
Tgt Ion: 73 Resp: 627910  
Ion Ratio Lower Upper  
73 100  
57 23.9 16.8 25.2



#20  
Methylene Chloride  
Concen: 16.118 ug/l  
RT: 5.095 min Scan# 1158  
Delta R.T. 0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion: 84 Resp: 182659  
Ion Ratio Lower Upper  
84 100  
49 135.1 93.5 140.3  
51 40.0 29.4 44.2  
86 65.2 53.0 79.4

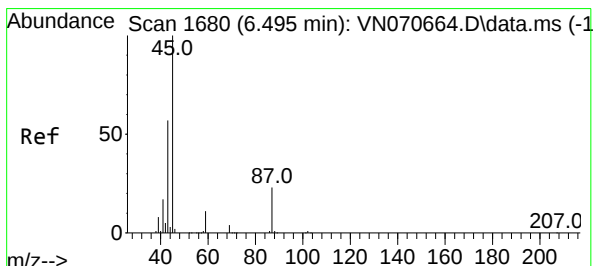
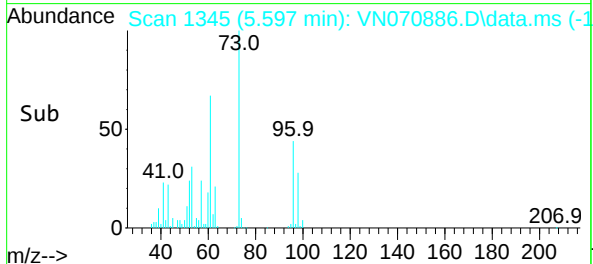
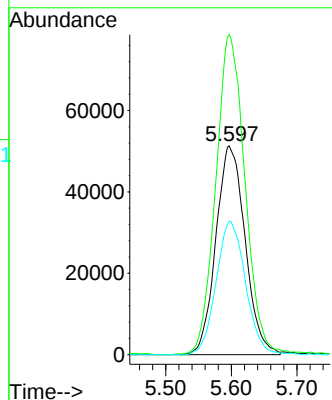
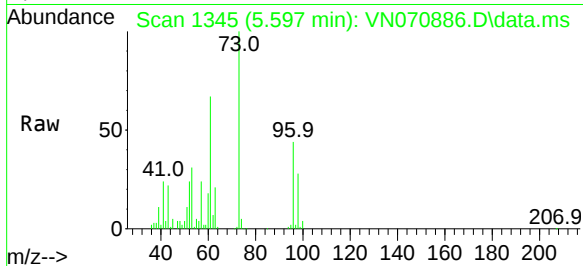




#21  
trans-1,2-Dichloroethene  
Concen: 16.489 ug/l  
RT: 5.597 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

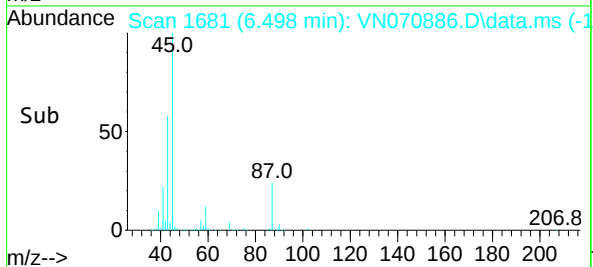
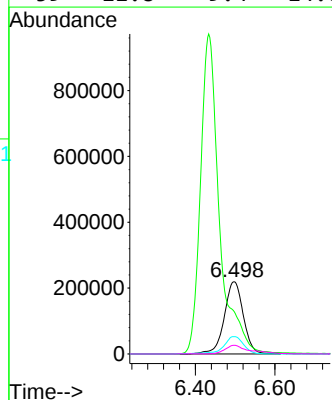
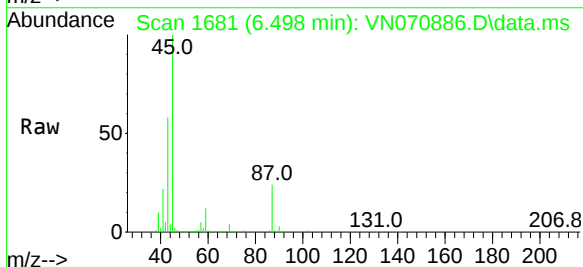
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

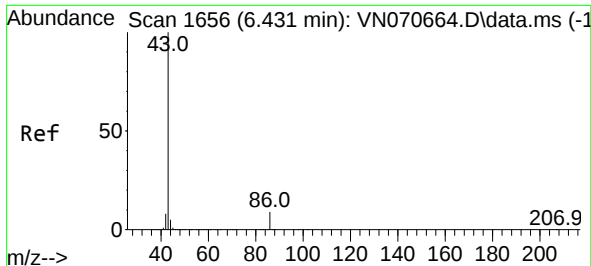
Tgt Ion: 96 Resp: 158785  
Ion Ratio Lower Upper  
96 100  
61 152.8 105.8 158.6  
98 63.8 52.0 78.0



#22  
Diisopropyl ether  
Concen: 17.634 ug/l  
RT: 6.498 min Scan# 1681  
Delta R.T. 0.003 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion: 45 Resp: 728656  
Ion Ratio Lower Upper  
45 100  
43 58.1 51.7 77.5  
87 23.8 23.2 34.8  
59 11.8 9.4 14.0

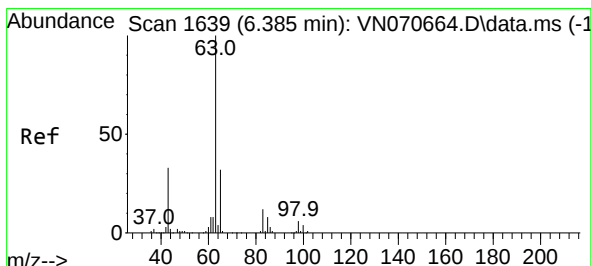
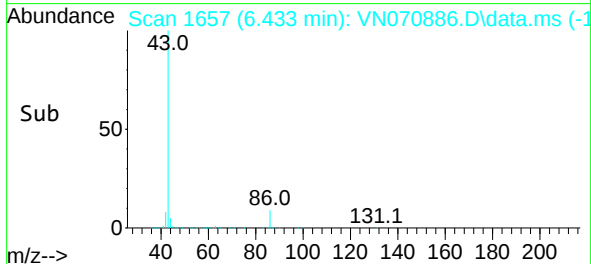
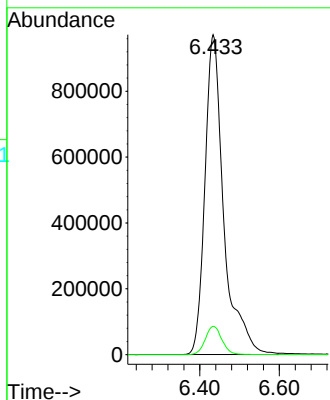
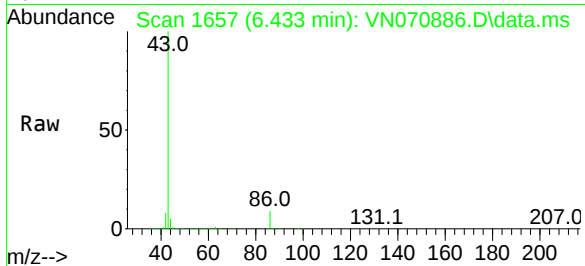




#23  
 Vinyl Acetate  
 Concen: 91.181 ug/l  
 RT: 6.433 min Scan# 1656  
 Delta R.T. 0.002 min  
 Lab File: VN070886.D  
 Acq: 1 Feb 2022 21:34

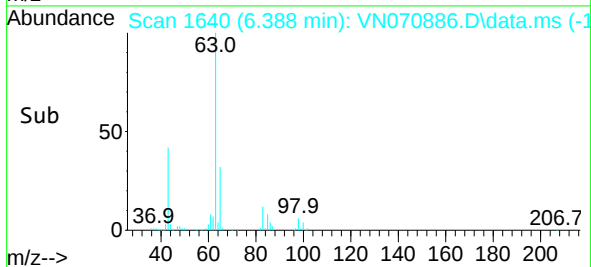
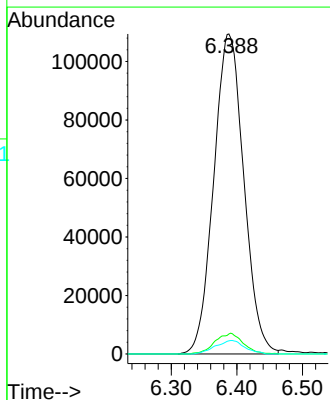
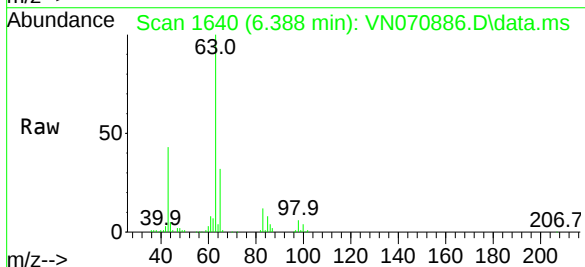
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0201WBSD01

Tgt Ion: 43 Resp: 3193829  
 Ion Ratio Lower Upper  
 43 100  
 86 8.9 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 16.843 ug/l  
 RT: 6.388 min Scan# 1640  
 Delta R.T. 0.003 min  
 Lab File: VN070886.D  
 Acq: 1 Feb 2022 21:34

Tgt Ion: 63 Resp: 348131  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.3 9.9  
 100 4.1 2.1 6.5

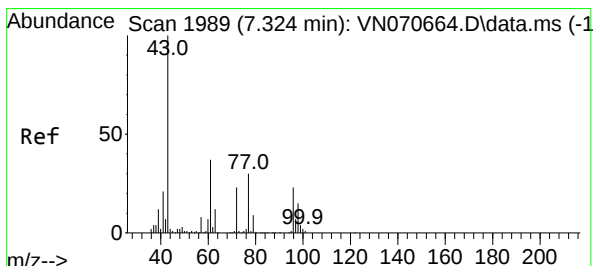
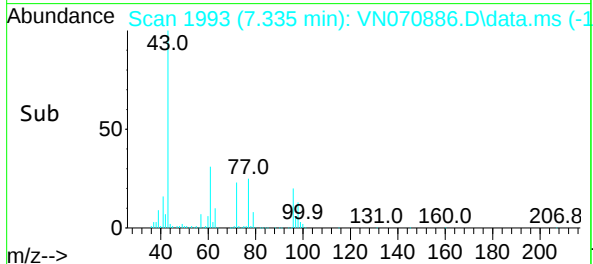
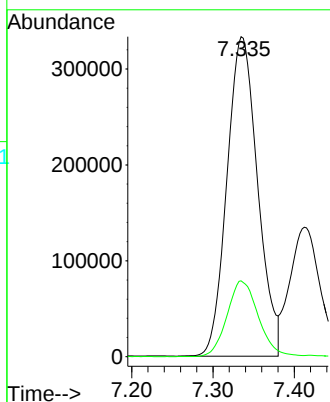
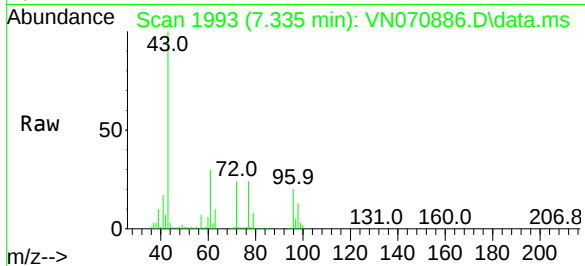




#25  
2-Butanone  
Concen: 80.874 ug/l  
RT: 7.335 min Scan# 1993  
Delta R.T. 0.003 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

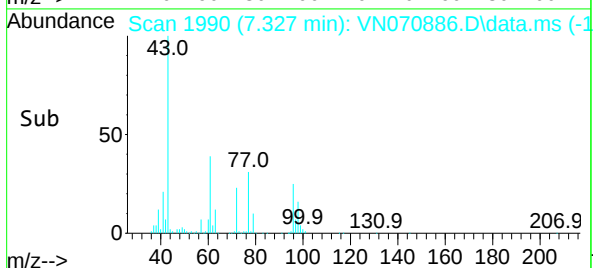
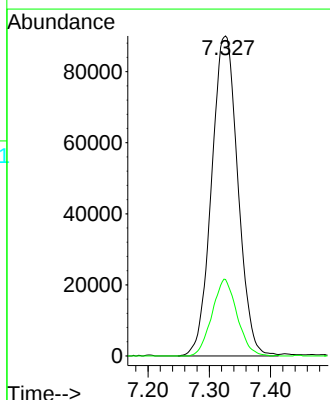
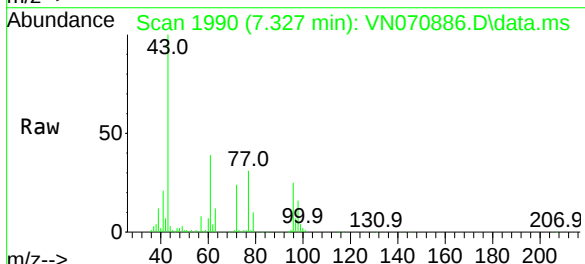
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

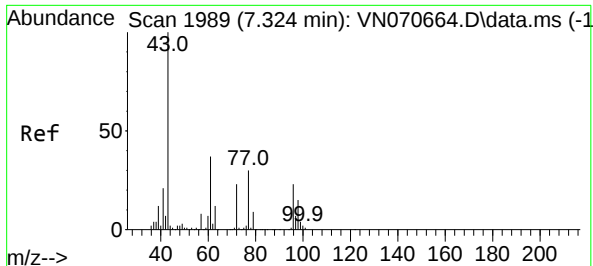
Tgt Ion: 43 Resp: 875513  
Ion Ratio Lower Upper  
43 100  
72 23.7 21.7 32.5



#26  
2,2-Dichloropropane  
Concen: 16.938 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. 0.003 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion: 77 Resp: 268417  
Ion Ratio Lower Upper  
77 100  
97 22.8 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 17.429 ug/l

RT: 7.327 min Scan# 1989

Delta R.T. 0.003 min

Lab File: VN070886.D

Acq: 1 Feb 2022 21:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0201WBSD01

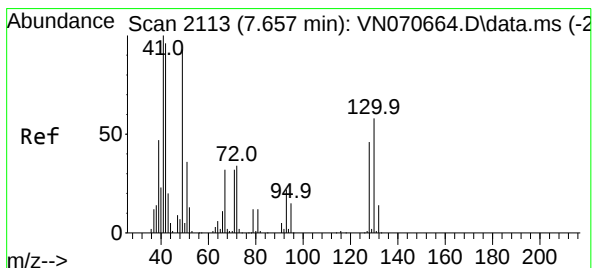
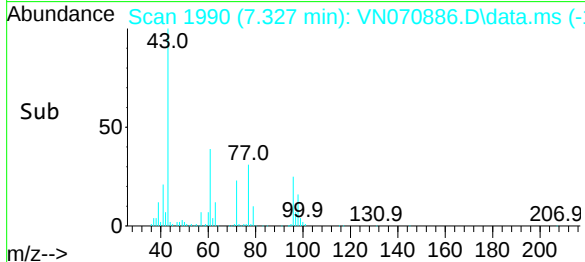
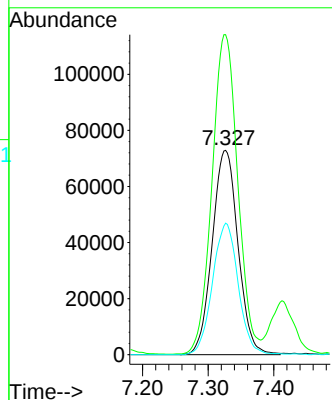
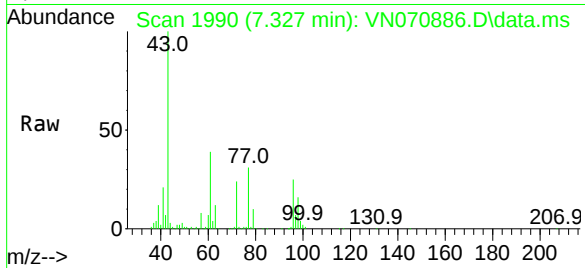
Tgt Ion: 96 Resp: 199380

Ion Ratio Lower Upper

96 100

61 156.0 0.0 275.0

98 64.1 0.0 129.6



#28

Bromochloromethane

Concen: 18.332 ug/l

RT: 7.656 min Scan# 2113

Delta R.T. -0.001 min

Lab File: VN070886.D

Acq: 1 Feb 2022 21:34

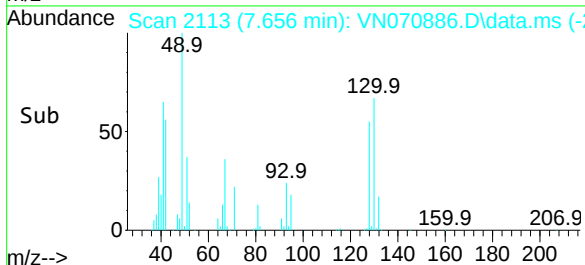
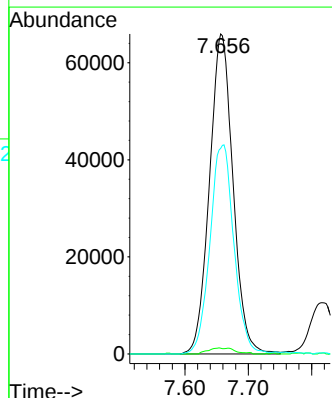
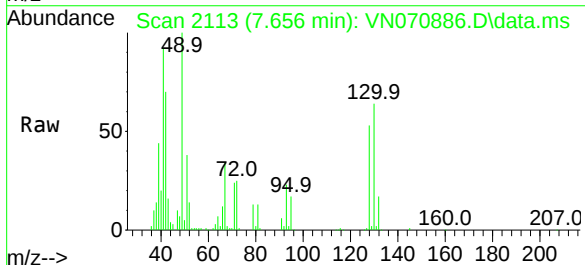
Tgt Ion: 49 Resp: 170119

Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.0

130 66.4 67.8 101.8#





#29

Tetrahydrofuran

Concen: 88.527 ug/l

RT: 7.686 min Scan# 2123

Delta R.T. 0.003 min

Lab File: VN070886.D

Acq: 1 Feb 2022 21:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0201WBSD01

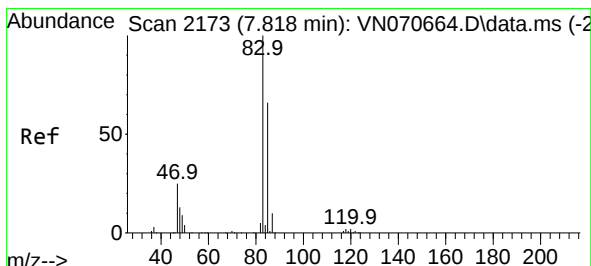
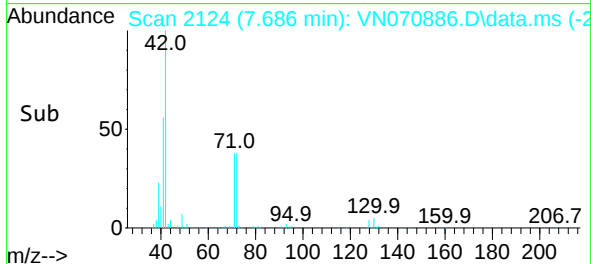
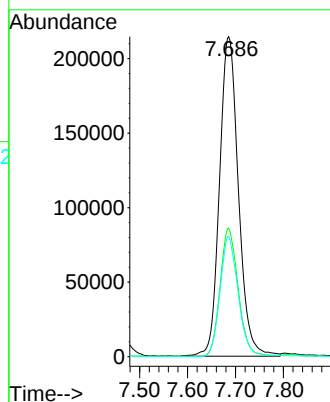
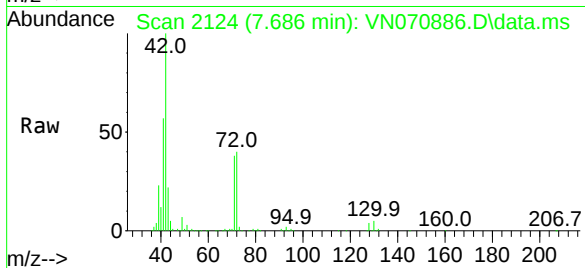
Tgt Ion: 42 Resp: 586811

Ion Ratio Lower Upper

42 100

72 38.4 36.3 54.5

71 36.0 34.7 52.1



#30

Chloroform

Concen: 16.390 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.001 min

Lab File: VN070886.D

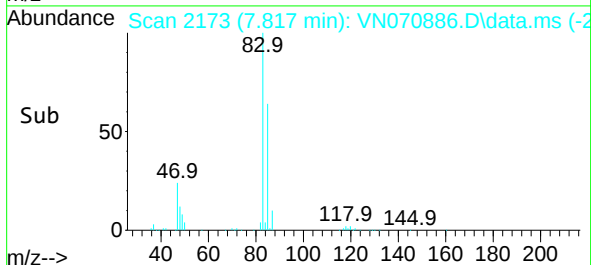
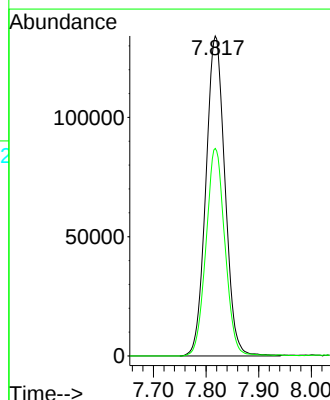
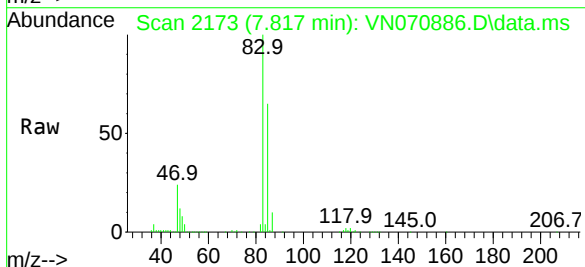
Acq: 1 Feb 2022 21:34

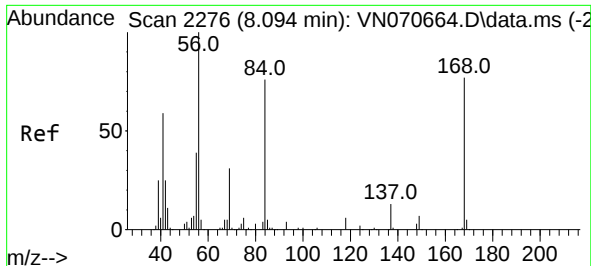
Tgt Ion: 83 Resp: 337682

Ion Ratio Lower Upper

83 100

85 64.8 51.9 77.9

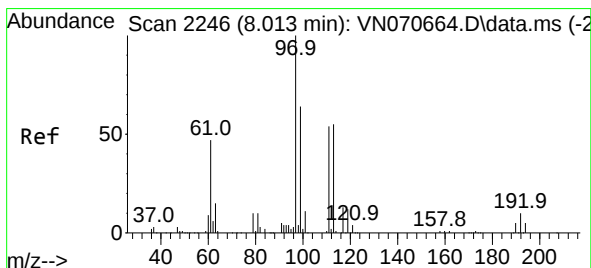
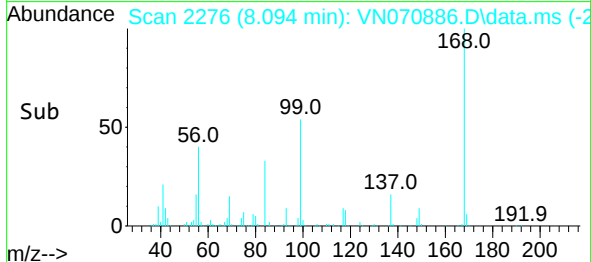
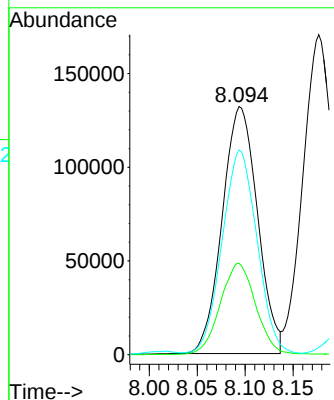
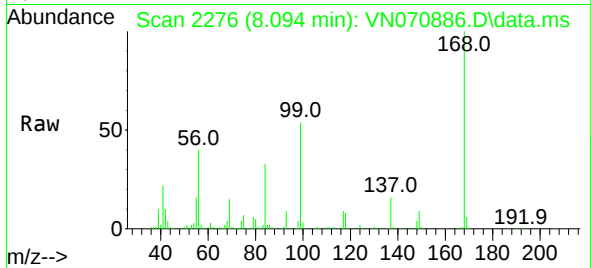




#31  
Cyclohexane  
Concen: 15.490 ug/l  
RT: 8.094 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

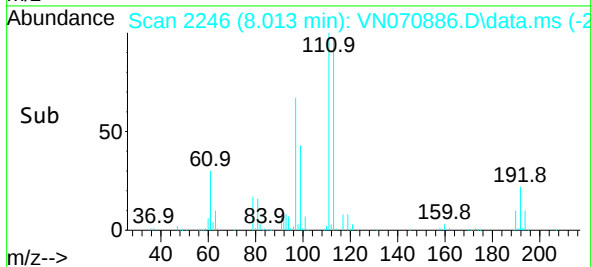
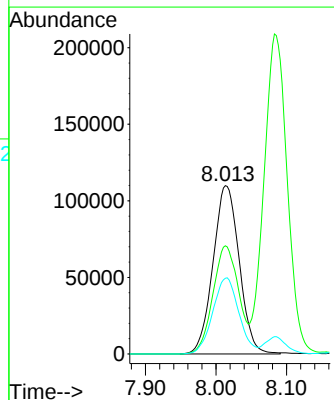
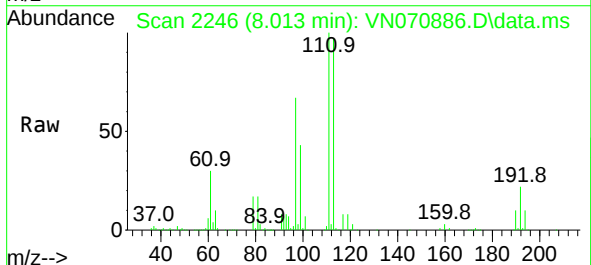
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

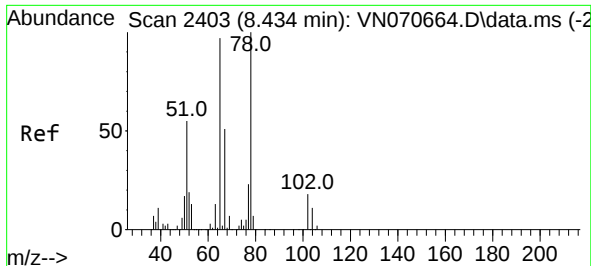
Tgt Ion: 56 Resp: 338094  
Ion Ratio Lower Upper  
56 100  
69 36.8 27.1 40.7  
84 82.0 73.4 110.0



#32  
1,1,1-Trichloroethane  
Concen: 17.691 ug/l  
RT: 8.013 min Scan# 2246  
Delta R.T. 0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion: 97 Resp: 283829  
Ion Ratio Lower Upper  
97 100  
99 62.6 50.1 75.1  
61 45.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.354 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. 0.003 min

Lab File: VN070886.D

Acq: 1 Feb 2022 21:34

Instrument :

MSVOA\_N

ClientSampleId :

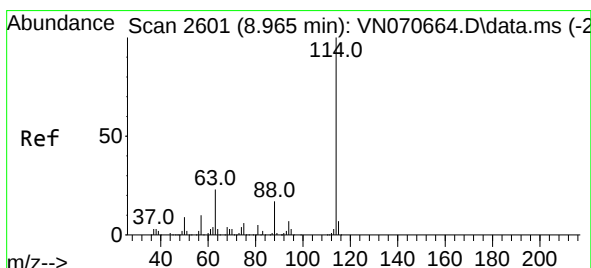
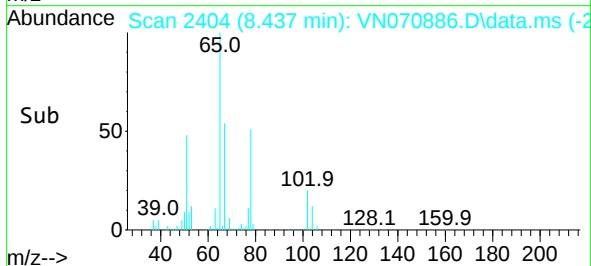
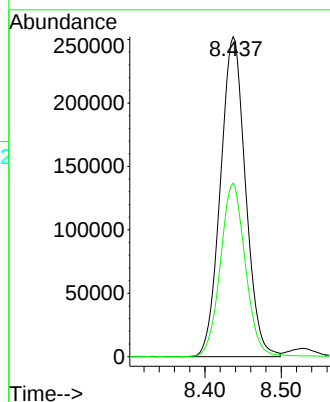
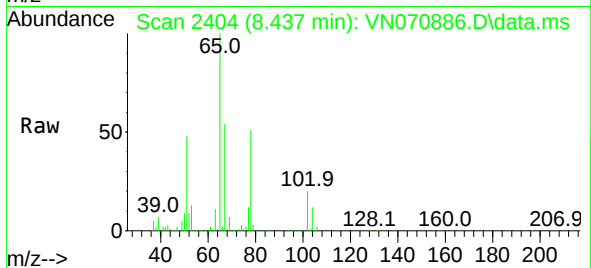
VN0201WBSD01

Tgt Ion: 65 Resp: 574566

Ion Ratio Lower Upper

65 100

67 54.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. 0.000 min

Lab File: VN070886.D

Acq: 1 Feb 2022 21:34

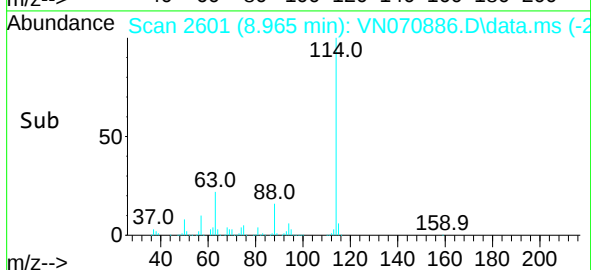
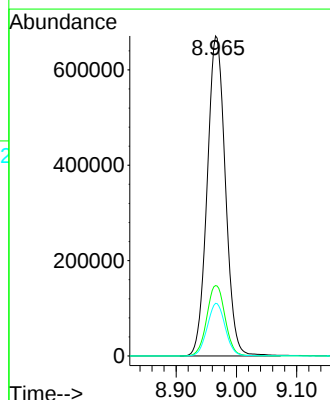
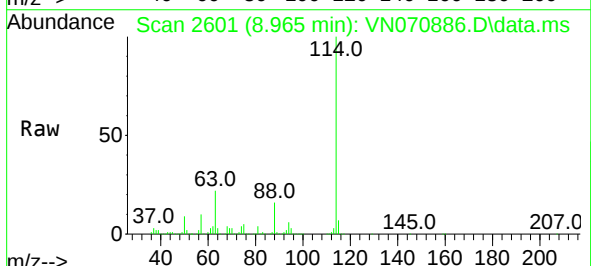
Tgt Ion: 114 Resp: 1406314

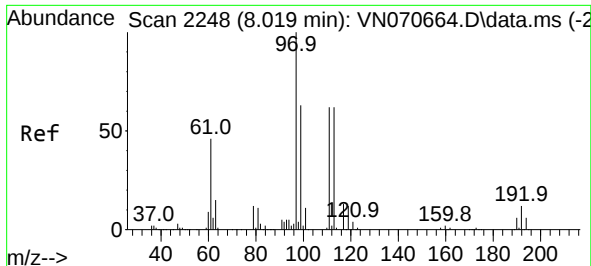
Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.8

88 16.4 0.0 27.4

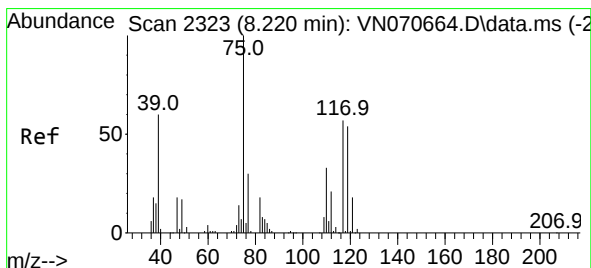
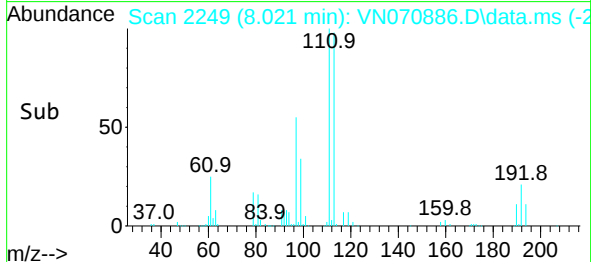
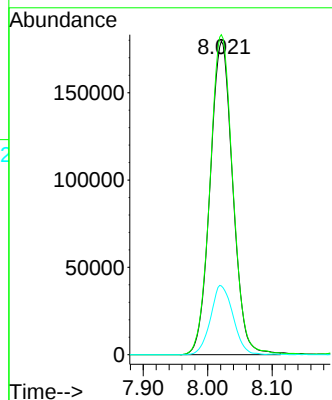
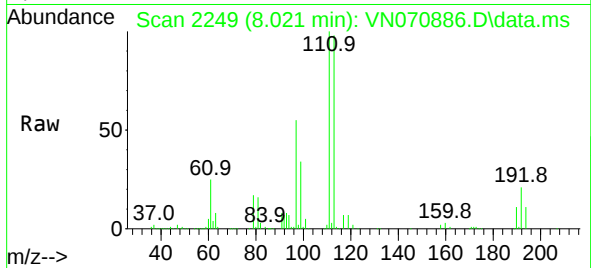




#35  
Dibromofluoromethane  
Concen: 50.351 ug/l  
RT: 8.021 min Scan# 2113  
Delta R.T. 0.002 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

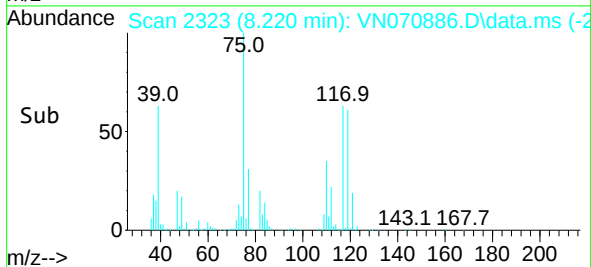
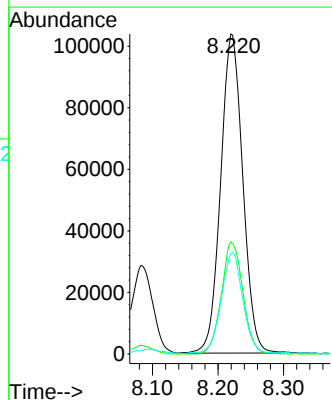
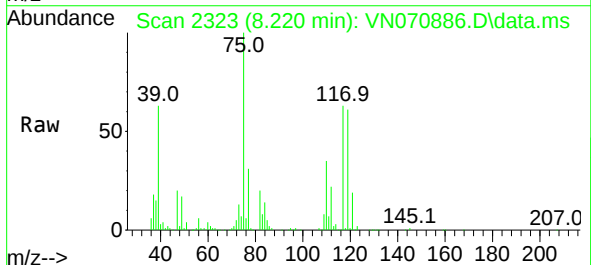
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

Tgt Ion:113 Resp: 439233  
Ion Ratio Lower Upper  
113 100  
111 102.5 82.2 123.2  
192 21.9 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 16.521 ug/l  
RT: 8.220 min Scan# 2323  
Delta R.T. -0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion: 75 Resp: 242623  
Ion Ratio Lower Upper  
75 100  
110 34.3 18.4 55.2  
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 17.935 ug/l

RT: 7.412 min Scan# 20

Delta R.T. 0.002 min

Lab File: VN070886.D

Acq: 1 Feb 2022 21:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0201WBSD01

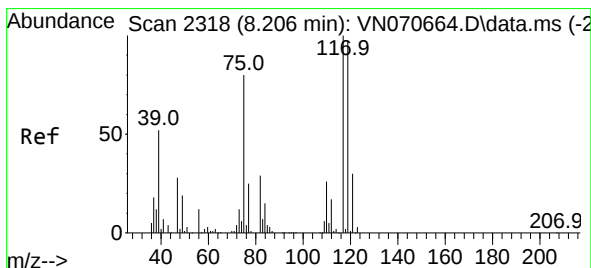
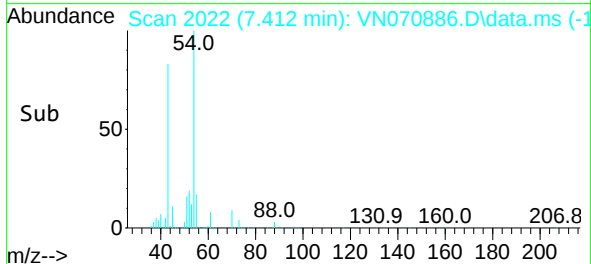
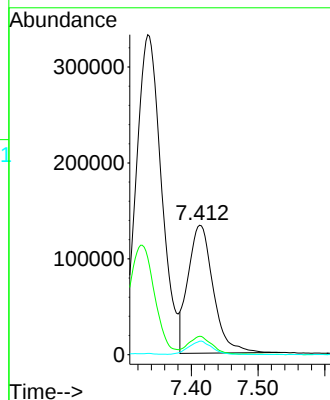
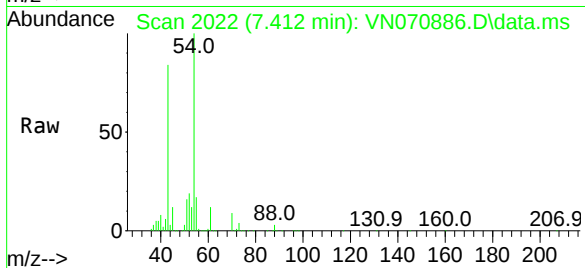
Tgt Ion: 43 Resp: 349667

Ion Ratio Lower Upper

43 100

61 12.9 11.5 17.3

70 9.3 7.9 11.9



#38

Carbon Tetrachloride

Concen: 17.825 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN070886.D

Acq: 1 Feb 2022 21:34

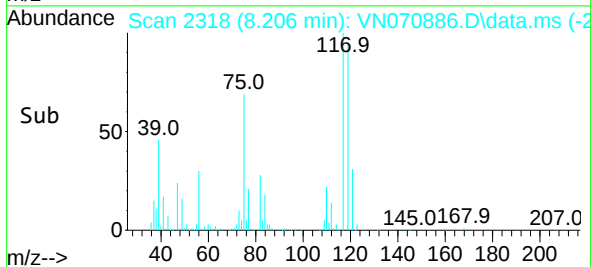
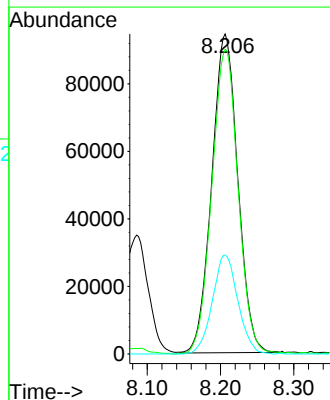
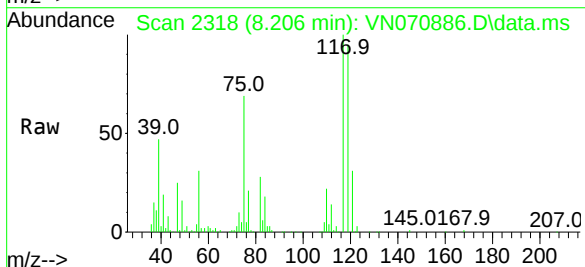
Tgt Ion: 117 Resp: 232881

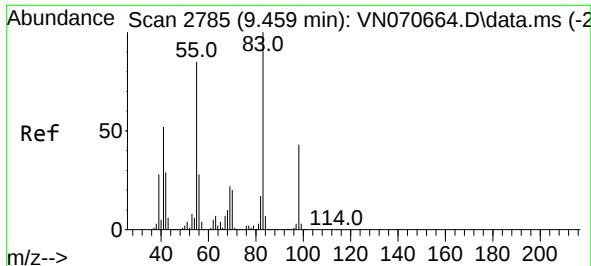
Ion Ratio Lower Upper

117 100

119 95.5 76.1 114.1

121 31.1 24.2 36.2

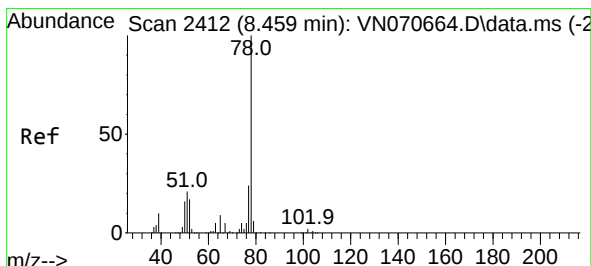
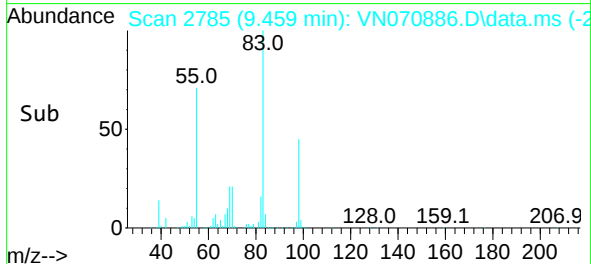
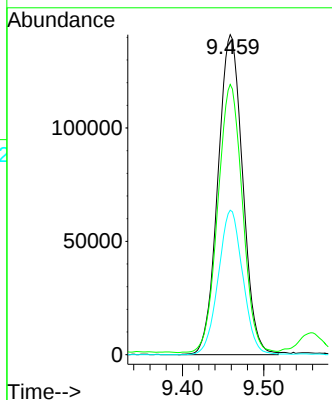
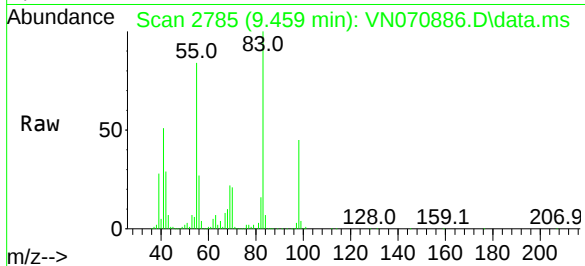




#39  
Methylcyclohexane  
Concen: 16.500 ug/l  
RT: 9.459 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

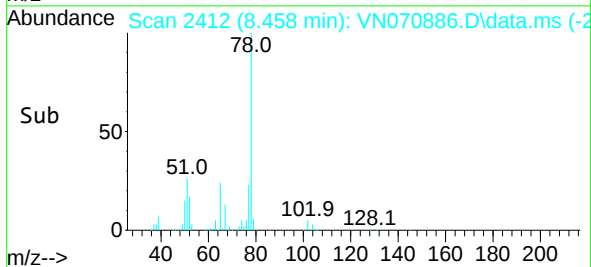
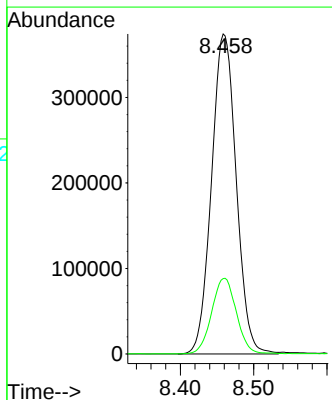
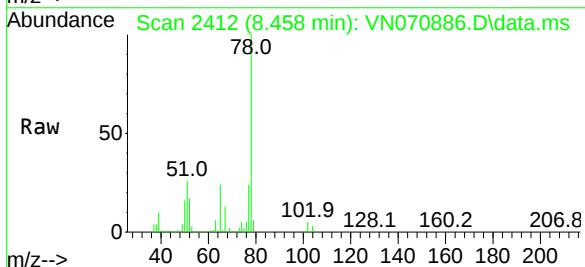
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

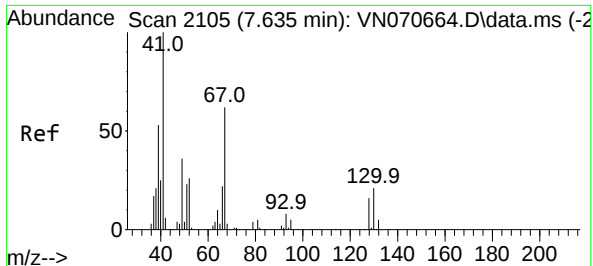
Tgt Ion: 83 Resp: 299150  
Ion Ratio Lower Upper  
83 100  
55 83.8 58.1 87.1  
98 45.1 38.4 57.6



#40  
Benzene  
Concen: 19.239 ug/l  
RT: 8.458 min Scan# 2412  
Delta R.T. -0.001 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion: 78 Resp: 875469  
Ion Ratio Lower Upper  
78 100  
77 23.5 18.6 27.8

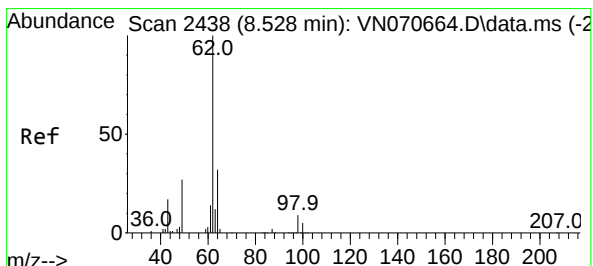
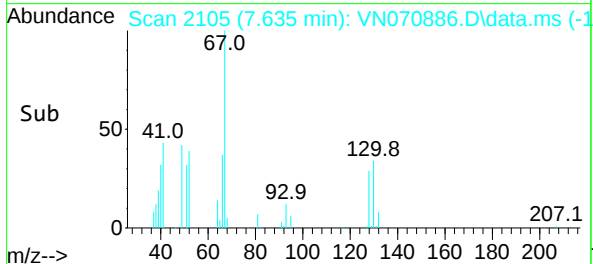
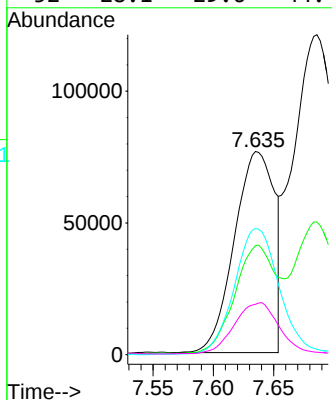
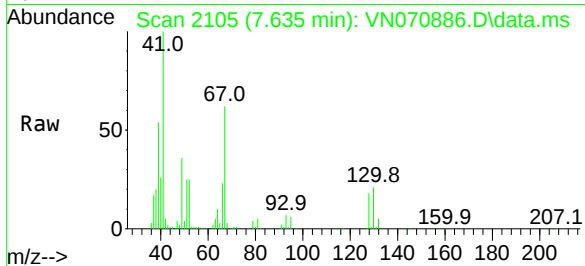




#41  
Methacrylonitrile  
Concen: 17.760 ug/l  
RT: 7.635 min Scan# 2105  
Delta R.T. -0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

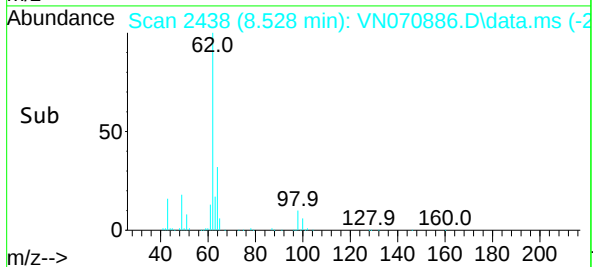
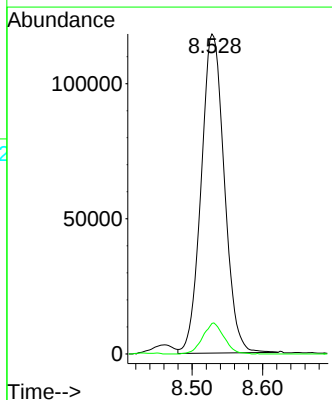
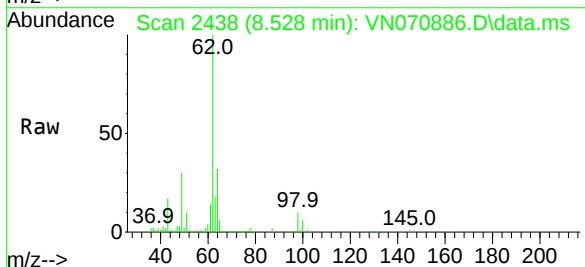
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

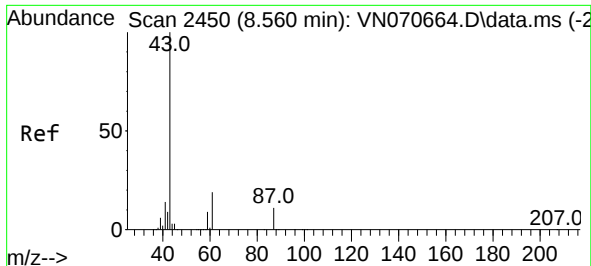
Tgt Ion: 41 Resp: 176165  
Ion Ratio Lower Upper  
41 100  
39 57.4 48.1 72.1  
67 70.4 68.3 102.5  
52 28.1 29.6 44.4#



#42  
1,2-Dichloroethane  
Concen: 17.043 ug/l  
RT: 8.528 min Scan# 2438  
Delta R.T. 0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion: 62 Resp: 268906  
Ion Ratio Lower Upper  
62 100  
98 9.0 0.0 17.6

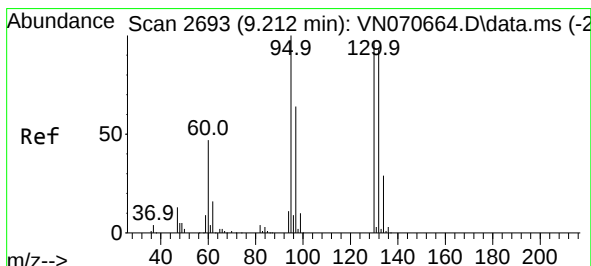
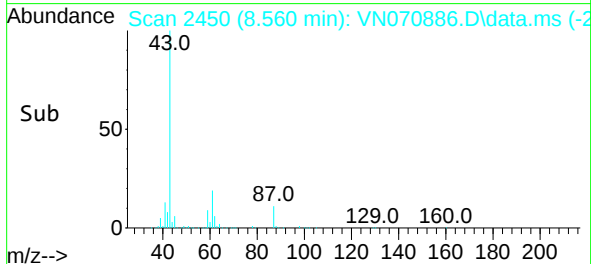
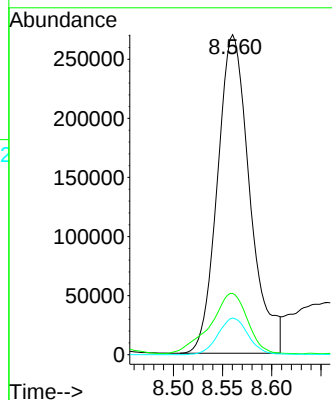
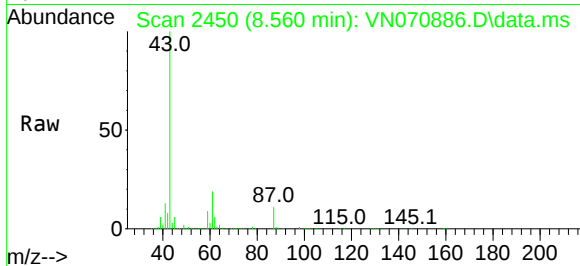




#43  
Isopropyl Acetate  
Concen: 20.790 ug/l  
RT: 8.560 min Scan# 2450  
Delta R.T. 0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

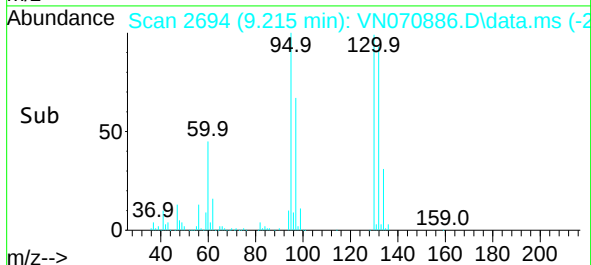
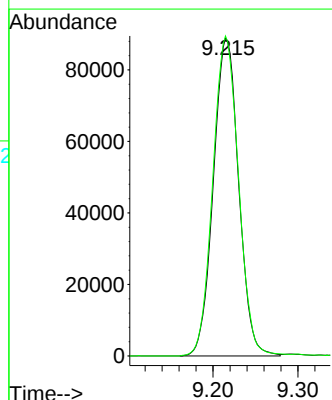
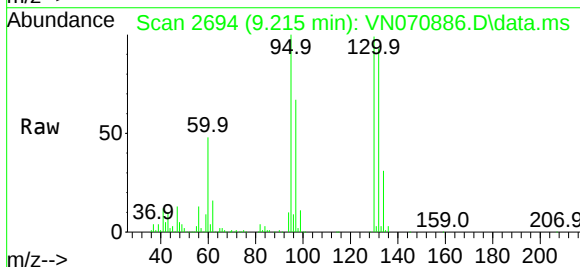
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

Tgt Ion: 43 Resp: 619118  
Ion Ratio Lower Upper  
43 100  
61 22.0 20.4 30.6  
87 10.8 11.2 16.8#



#44  
Trichloroethene  
Concen: 17.820 ug/l  
RT: 9.215 min Scan# 2694  
Delta R.T. 0.003 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion:130 Resp: 183827  
Ion Ratio Lower Upper  
130 100  
95 100.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 17.546 ug/l

RT: 9.488 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070886.D

Acq: 1 Feb 2022 21:34

Instrument :

MSVOA\_N

ClientSampleId :

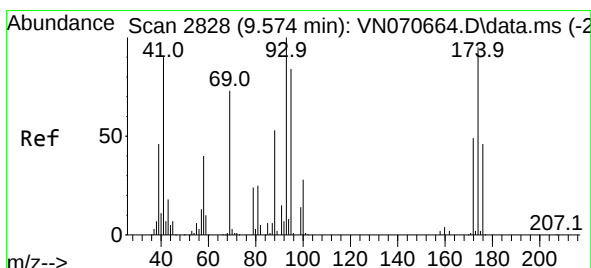
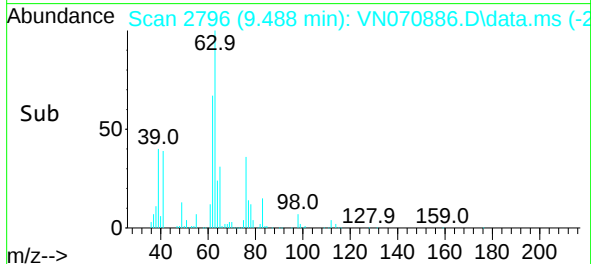
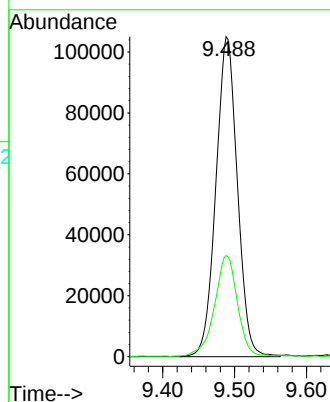
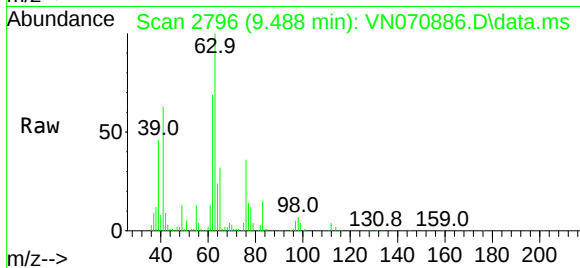
VN0201WBSD01

Tgt Ion: 63 Resp: 217229

Ion Ratio Lower Upper

63 100

65 31.3 24.7 37.1



#46

Dibromomethane

Concen: 18.127 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.003 min

Lab File: VN070886.D

Acq: 1 Feb 2022 21:34

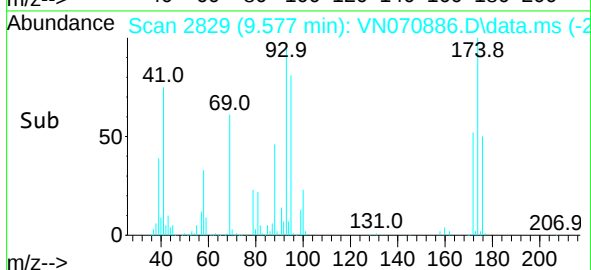
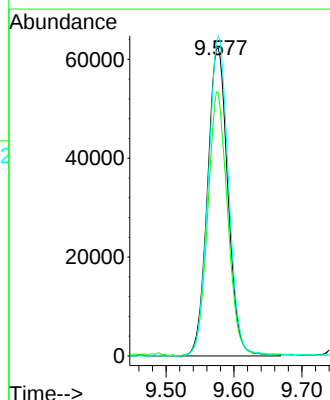
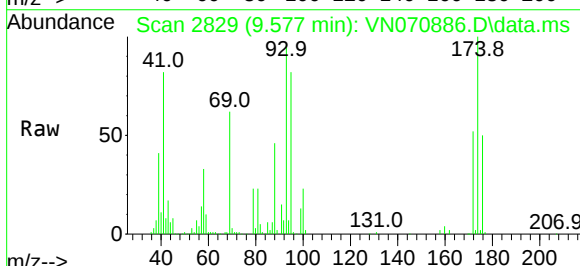
Tgt Ion: 93 Resp: 130495

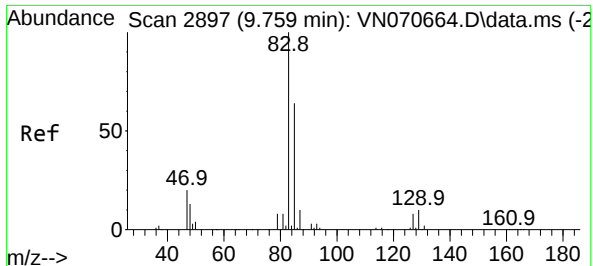
Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

174 102.9 84.6 127.0

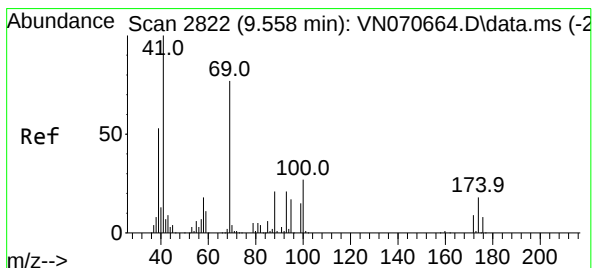
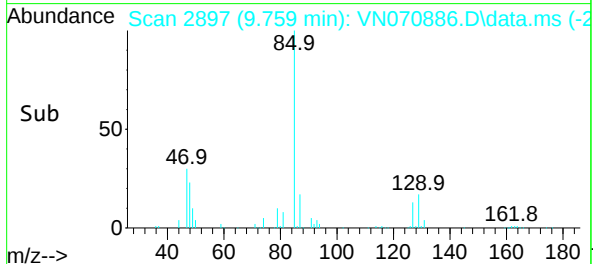
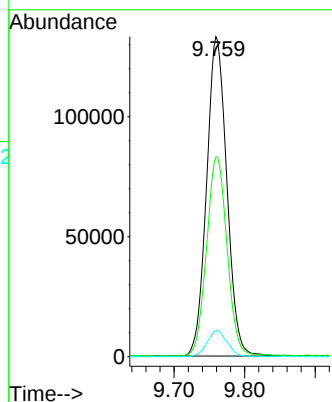
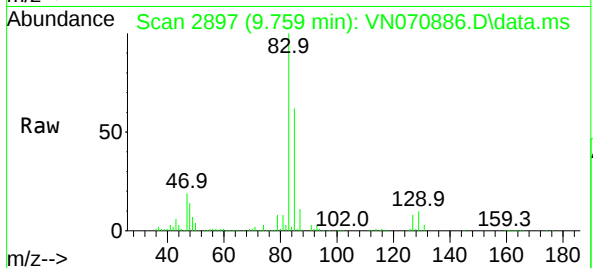




#47  
Bromodichloromethane  
Concen: 18.021 ug/l  
RT: 9.759 min Scan# 2897  
Delta R.T. 0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

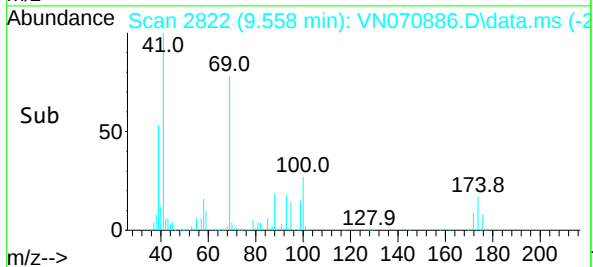
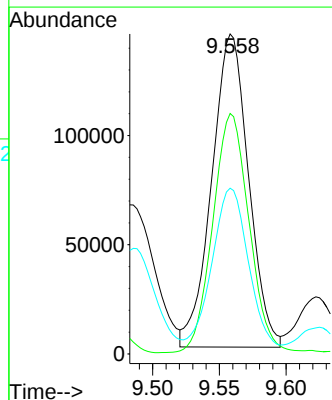
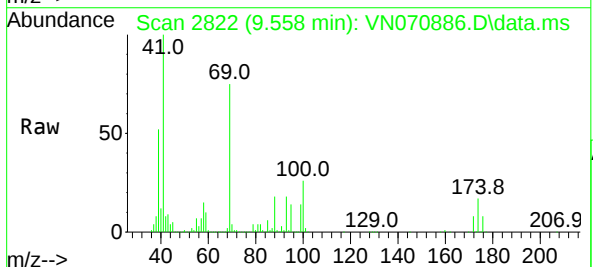
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

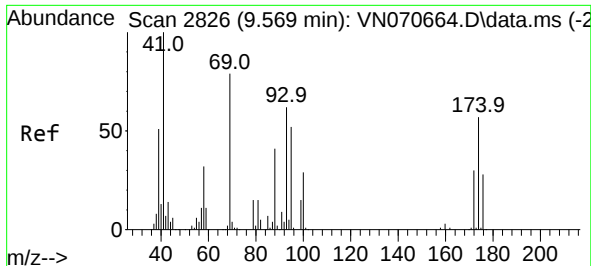
Tgt Ion: 83 Resp: 265193  
Ion Ratio Lower Upper  
83 100  
85 62.3 50.9 76.3  
127 8.2 7.1 10.7



#48  
Methyl methacrylate  
Concen: 19.368 ug/l  
RT: 9.558 min Scan# 2822  
Delta R.T. -0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion: 41 Resp: 274770  
Ion Ratio Lower Upper  
41 100  
69 75.3 72.4 108.6  
39 52.1 58.4 87.6#





#49

1,4-Dioxane

Concen: 364.360 ug/l

RT: 9.569 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070886.D

Acq: 1 Feb 2022 21:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0201WBSD01

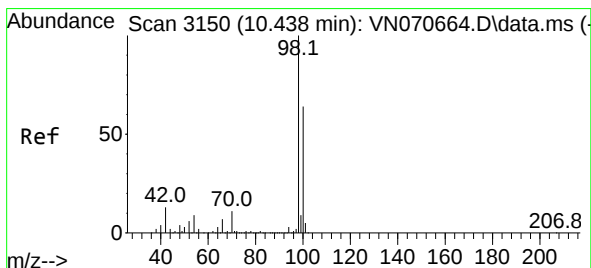
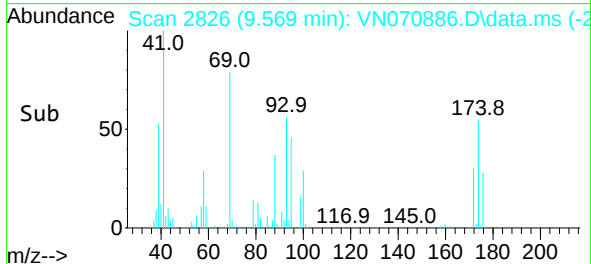
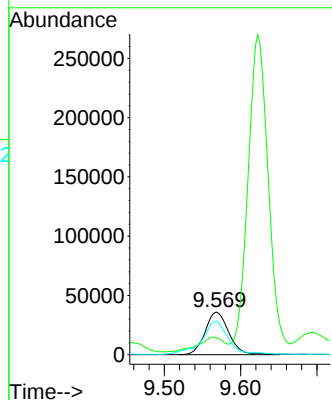
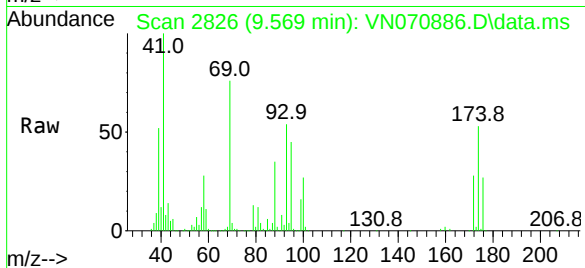
Tgt Ion: 88 Resp: 77646

Ion Ratio Lower Upper

88 100

43 37.5 23.4 35.2#

58 85.6 50.6 75.8#



#50

Toluene-d8

Concen: 47.194 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.002 min

Lab File: VN070886.D

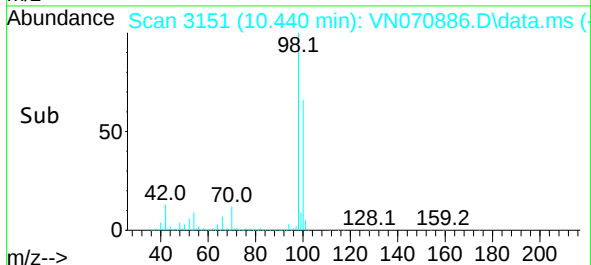
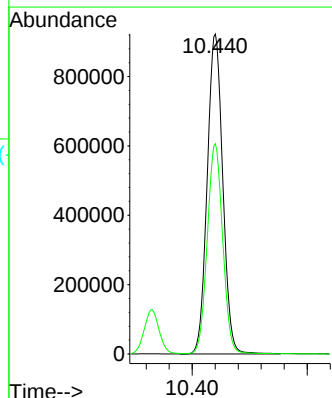
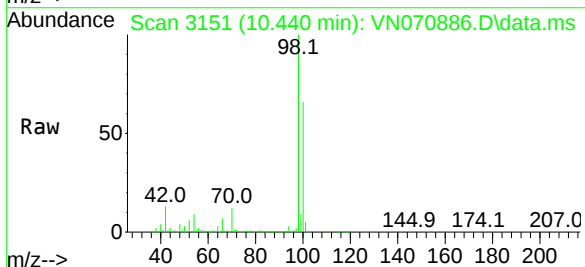
Acq: 1 Feb 2022 21:34

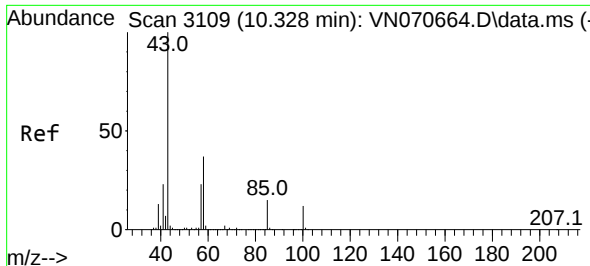
Tgt Ion: 98 Resp: 1734358

Ion Ratio Lower Upper

98 100

100 65.0 50.4 75.6

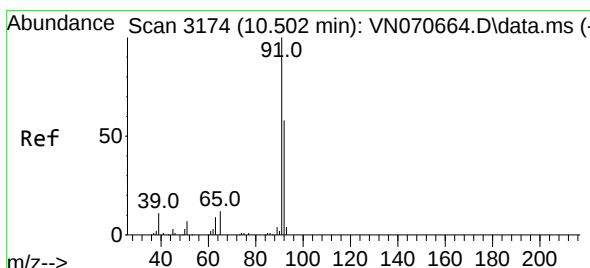
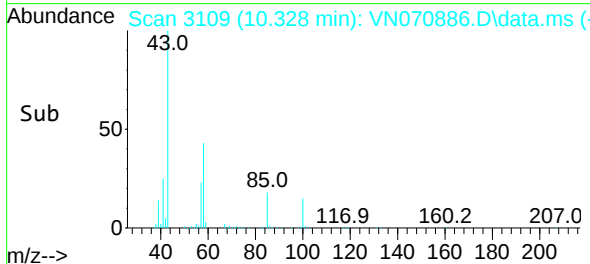
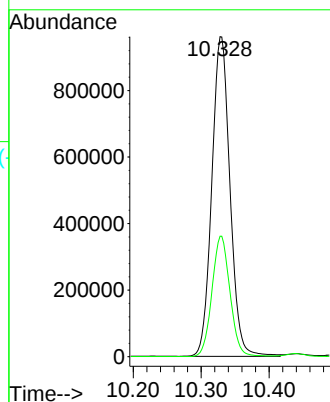
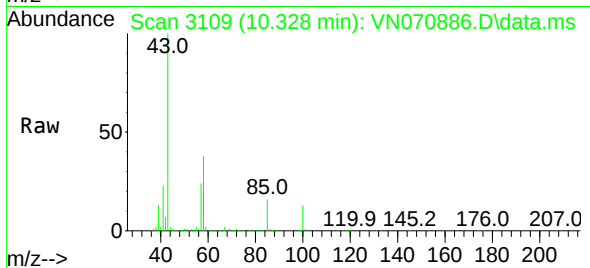




#51  
4-Methyl-2-Pentanone  
Concen: 93.956 ug/l  
RT: 10.328 min Scan# 3109  
Delta R.T. -0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

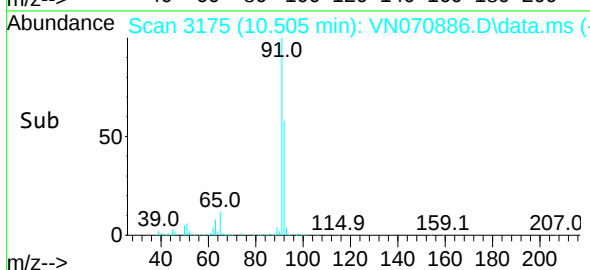
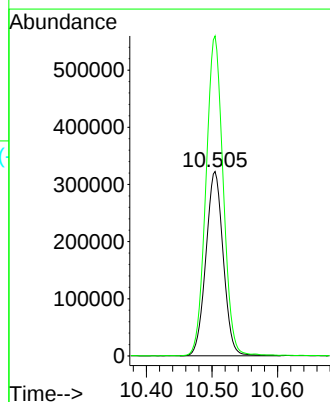
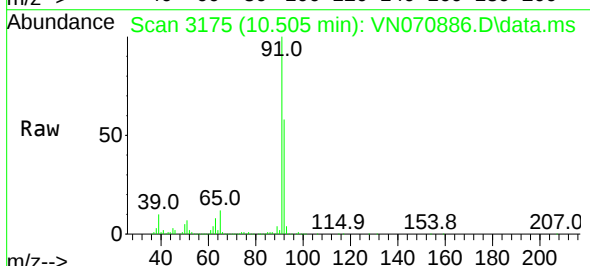
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

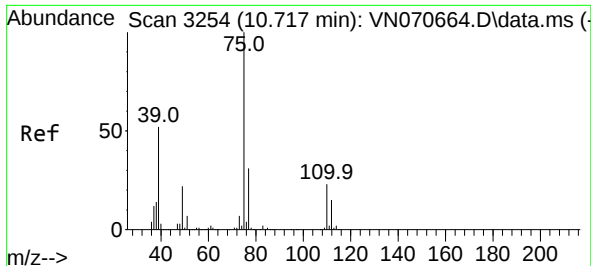
Tgt Ion: 43 Resp: 1785377  
Ion Ratio Lower Upper  
43 100  
58 37.3 30.4 45.6



#52  
Toluene  
Concen: 21.719 ug/l  
RT: 10.505 min Scan# 3175  
Delta R.T. 0.003 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion: 92 Resp: 591180  
Ion Ratio Lower Upper  
92 100  
91 172.1 142.0 213.0

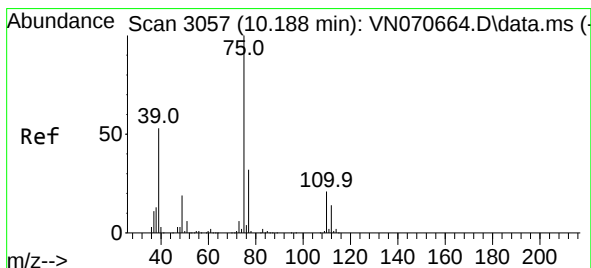
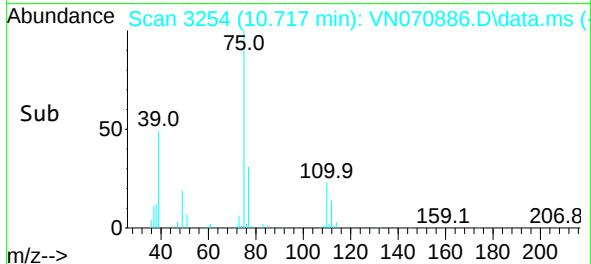
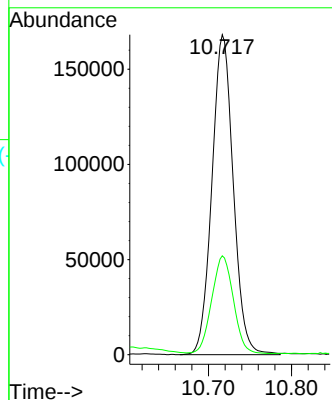
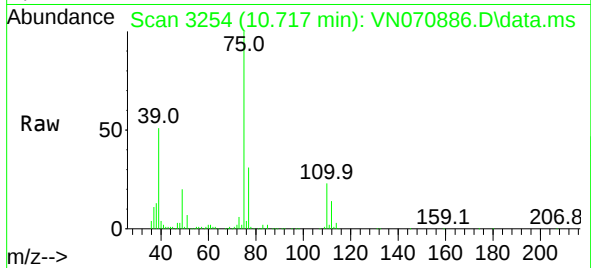




#53  
 t-1,3-Dichloropropene  
 Concen: 18.406 ug/l  
 RT: 10.717 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: VN070886.D  
 Acq: 1 Feb 2022 21:34

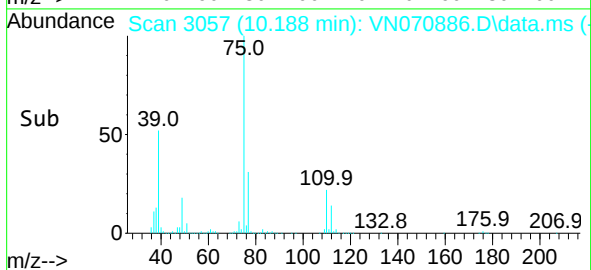
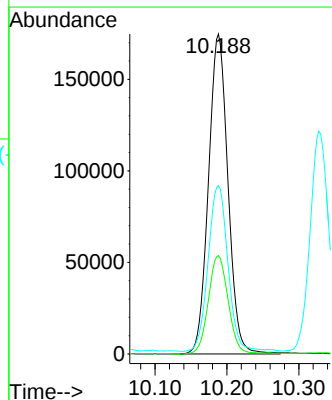
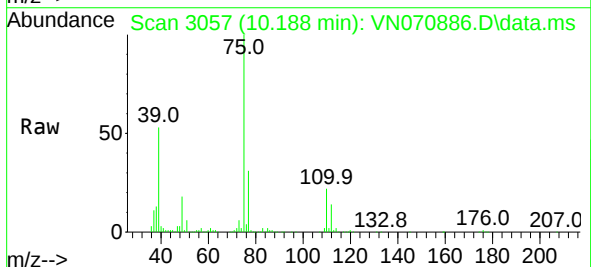
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0201WBSD01

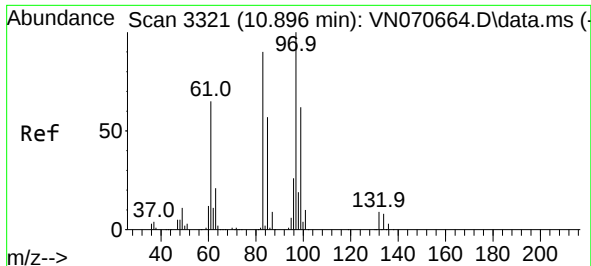
Tgt Ion: 75 Resp: 299977  
 Ion Ratio Lower Upper  
 75 100  
 77 30.5 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 18.664 ug/l  
 RT: 10.188 min Scan# 3057  
 Delta R.T. 0.000 min  
 Lab File: VN070886.D  
 Acq: 1 Feb 2022 21:34

Tgt Ion: 75 Resp: 329384  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 26.4 39.6  
 39 51.7 42.5 63.7

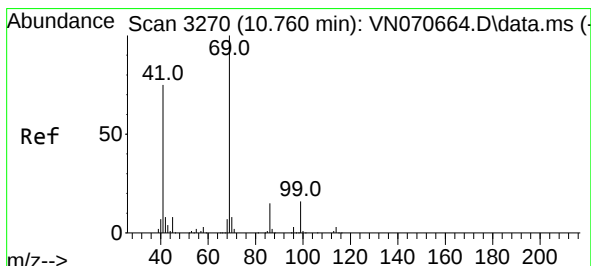
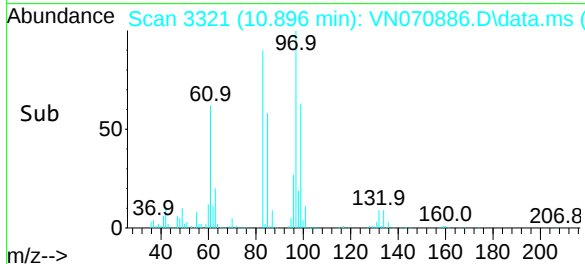
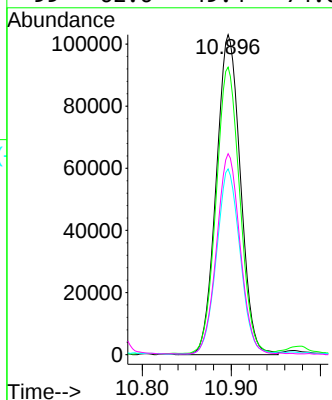
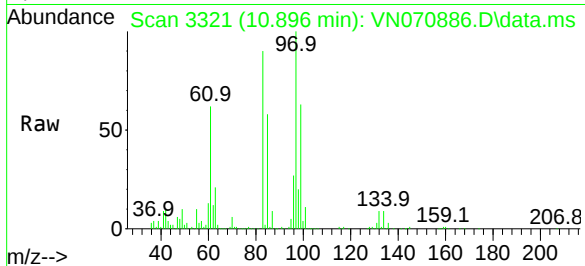




#55  
1,1,2-Trichloroethane  
Concen: 18.169 ug/l  
RT: 10.896 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

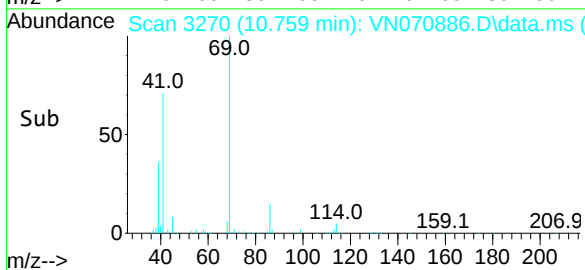
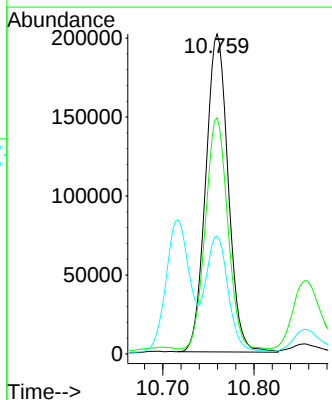
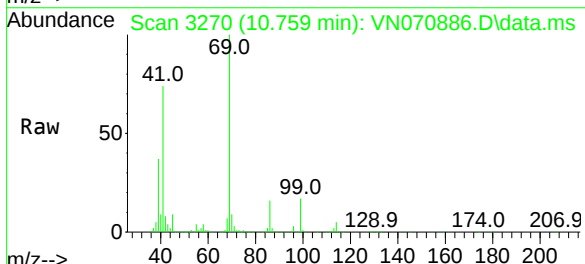
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

Tgt Ion: 97 Resp: 194285  
Ion Ratio Lower Upper  
97 100  
83 89.4 67.8 101.6  
85 57.9 45.4 68.2  
99 62.6 49.4 74.0



#56  
Ethyl methacrylate  
Concen: 18.420 ug/l  
RT: 10.759 min Scan# 3270  
Delta R.T. -0.001 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion: 69 Resp: 343606  
Ion Ratio Lower Upper  
69 100  
41 72.3 51.4 77.0  
39 35.2 34.6 52.0





#57

1,3-Dichloropropane

Concen: 17.953 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070886.D

Acq: 1 Feb 2022 21:34

Instrument :

MSVOA\_N

ClientSampleId :

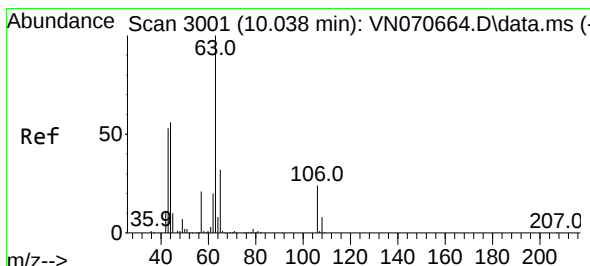
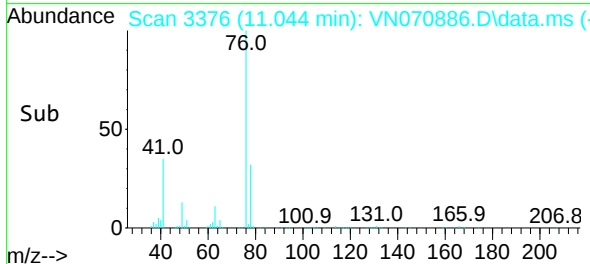
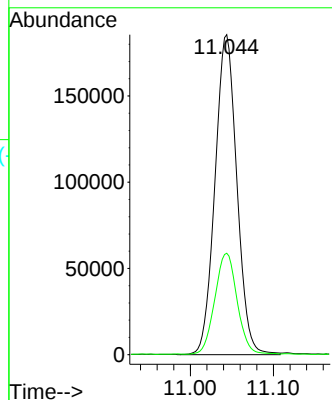
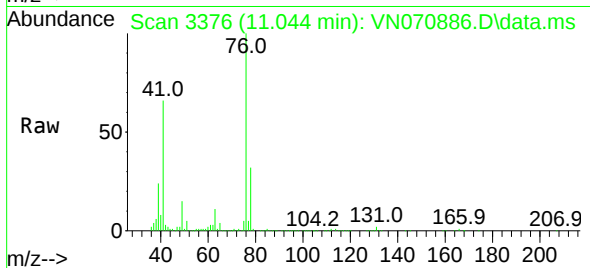
VN0201WBSD01

Tgt Ion: 76 Resp: 339847

Ion Ratio Lower Upper

76 100

78 32.2 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 112.375 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. 0.003 min

Lab File: VN070886.D

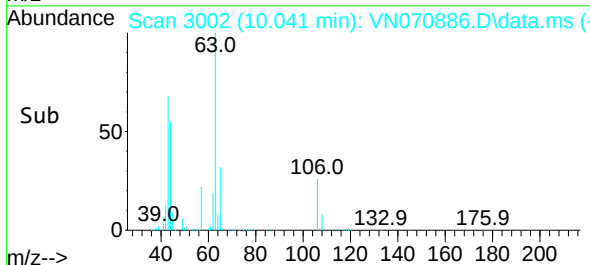
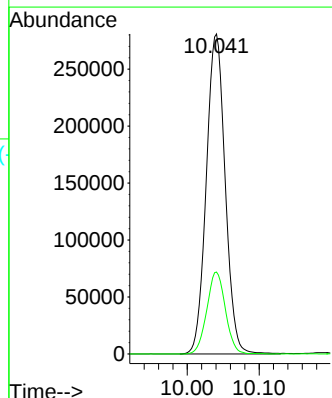
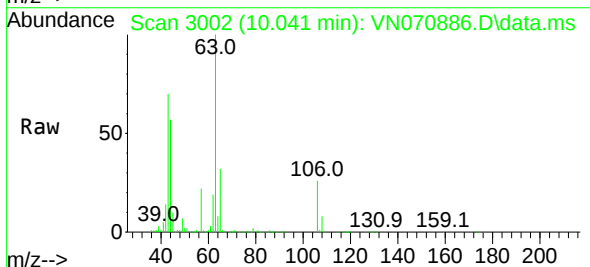
Acq: 1 Feb 2022 21:34

Tgt Ion: 63 Resp: 513835

Ion Ratio Lower Upper

63 100

106 25.2 23.9 35.9

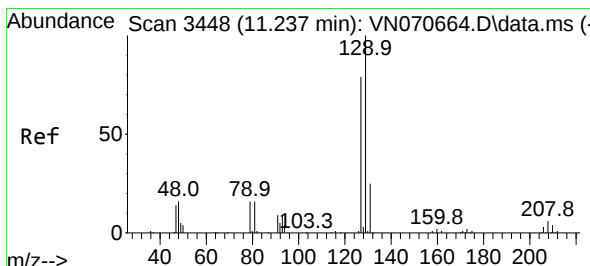
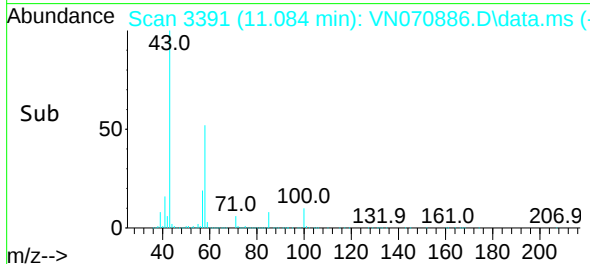
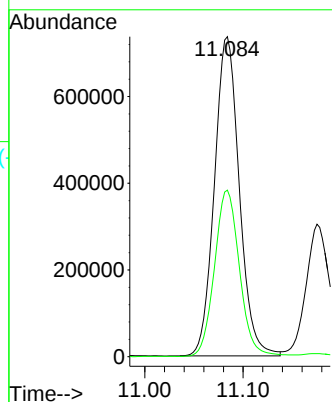
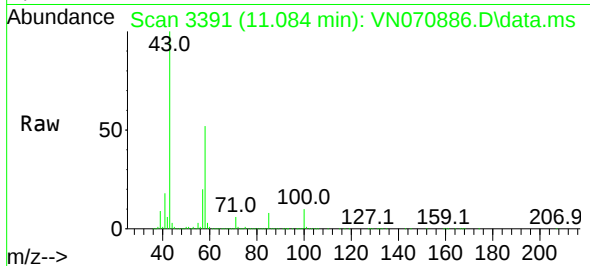




#59  
2-Hexanone  
Concen: 93.903 ug/l  
RT: 11.084 min Scan# 3391  
Delta R.T. -0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

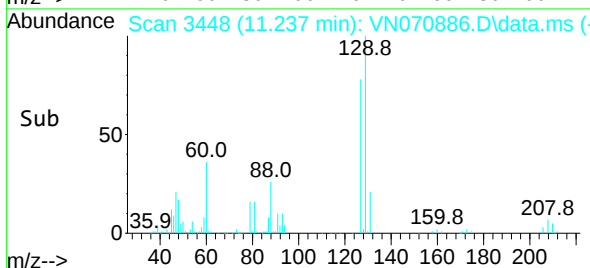
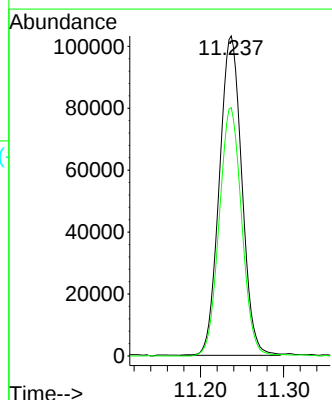
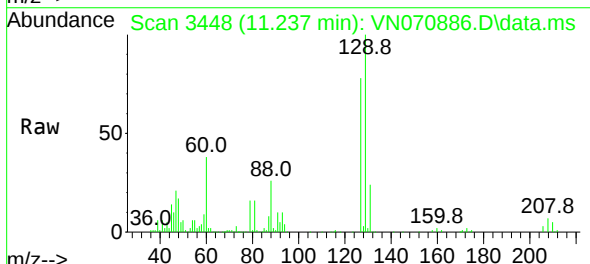
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

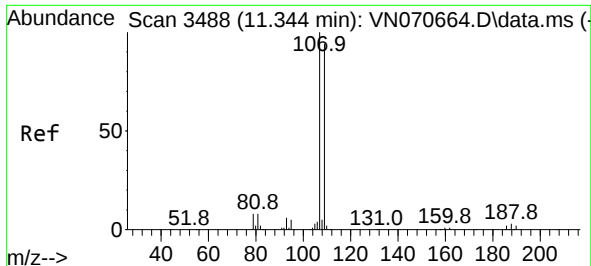
Tgt Ion: 43 Resp: 1296258  
Ion Ratio Lower Upper  
43 100  
58 52.4 26.9 80.7



#60  
Dibromochloromethane  
Concen: 19.444 ug/l  
RT: 11.237 min Scan# 3448  
Delta R.T. -0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion: 129 Resp: 193934  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.6 116.0

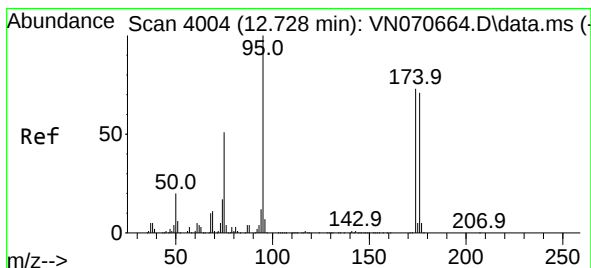
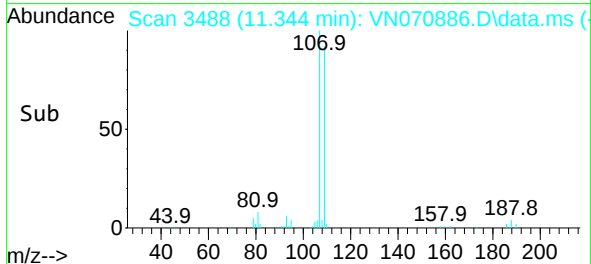
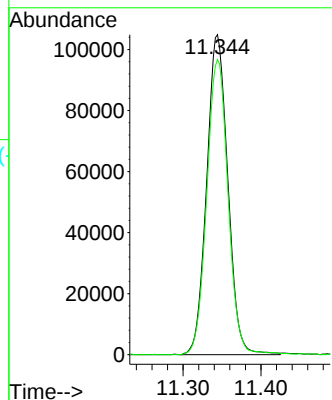
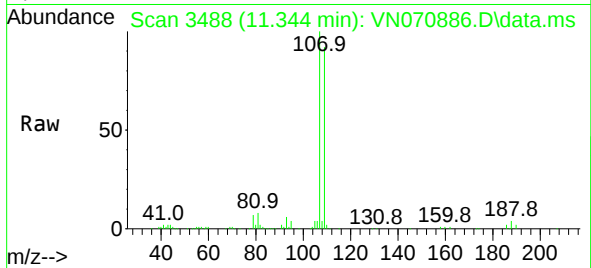




#61  
1,2-Dibromoethane  
Concen: 18.433 ug/l  
RT: 11.344 min Scan# 3488  
Delta R.T. 0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

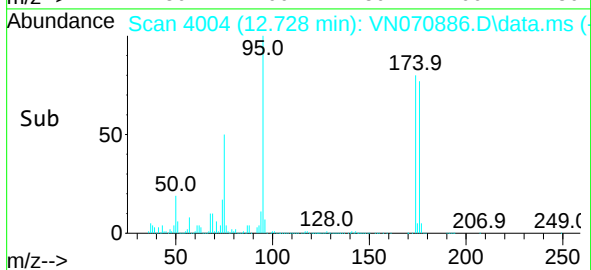
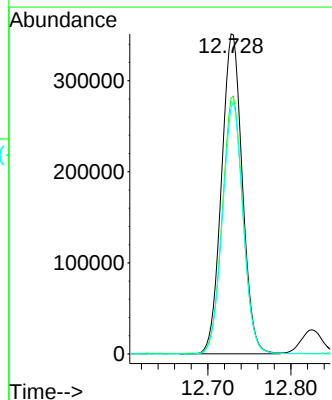
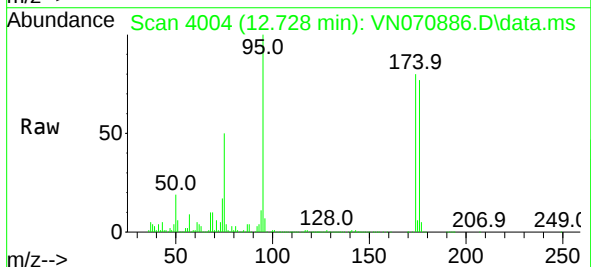
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

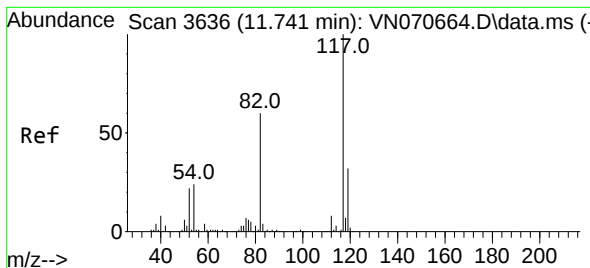
Tgt Ion:107 Resp: 197900  
Ion Ratio Lower Upper  
107 100  
109 92.6 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 46.572 ug/l  
RT: 12.728 min Scan# 4004  
Delta R.T. 0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion: 95 Resp: 609877  
Ion Ratio Lower Upper  
95 100  
174 80.2 0.0 187.2  
176 78.3 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3636

Delta R.T. 0.003 min

Lab File: VN070886.D

Acq: 1 Feb 2022 21:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0201WBSD01

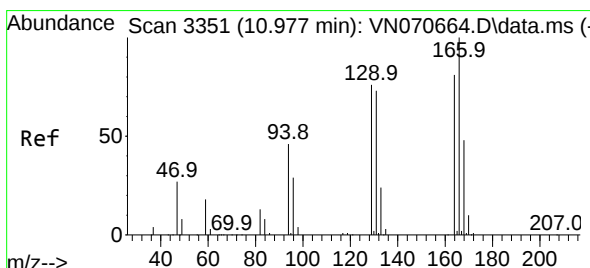
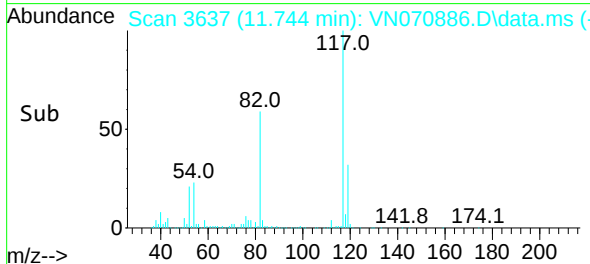
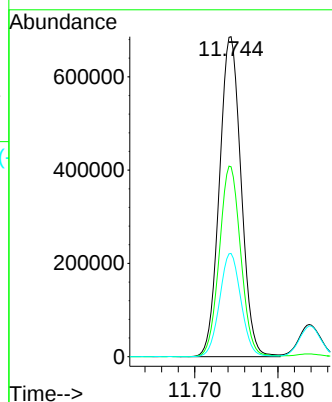
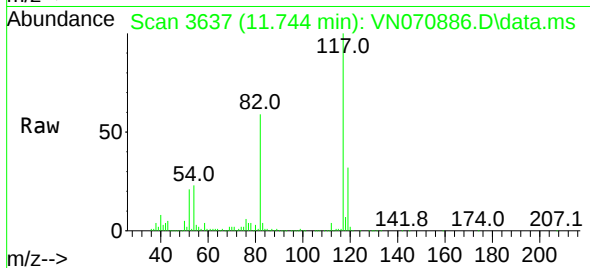
Tgt Ion:117 Resp: 1244809

Ion Ratio Lower Upper

117 100

82 59.3 42.4 63.6

119 32.3 25.4 38.2



#64

Tetrachloroethene

Concen: 17.546 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.000 min

Lab File: VN070886.D

Acq: 1 Feb 2022 21:34

Tgt Ion:164 Resp: 160139

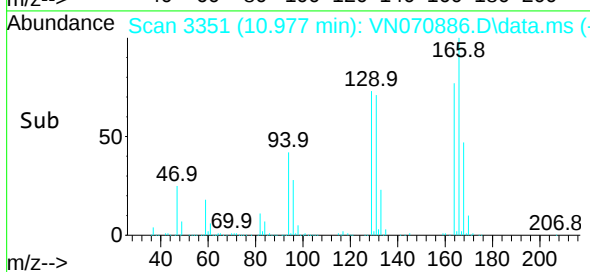
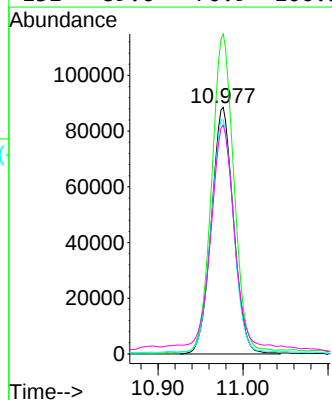
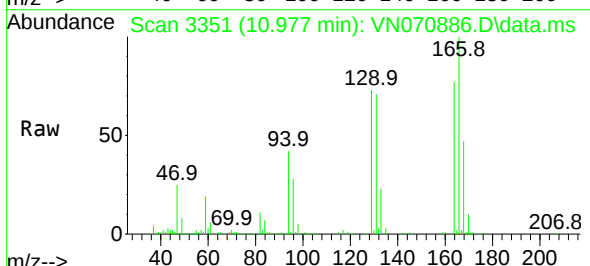
Ion Ratio Lower Upper

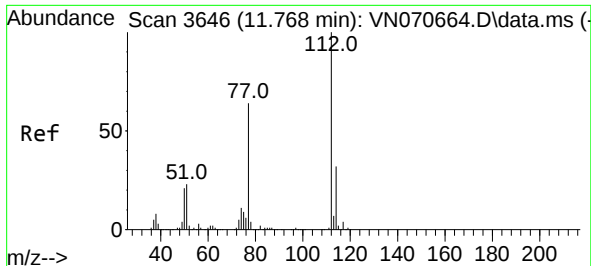
164 100

166 128.9 101.9 152.9

129 94.2 72.0 108.0

131 89.6 70.9 106.3

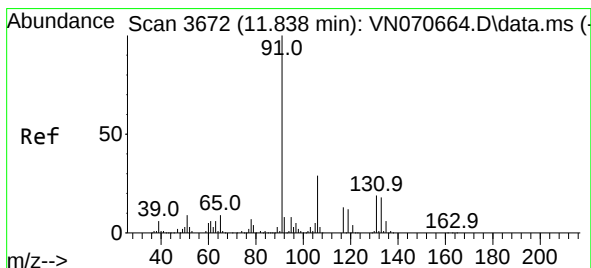
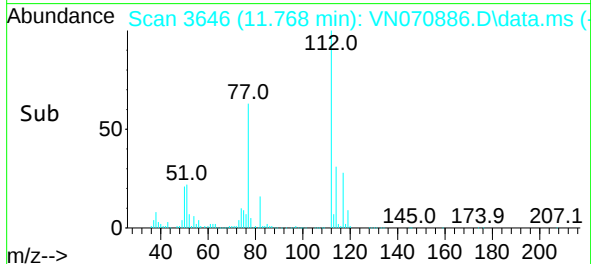
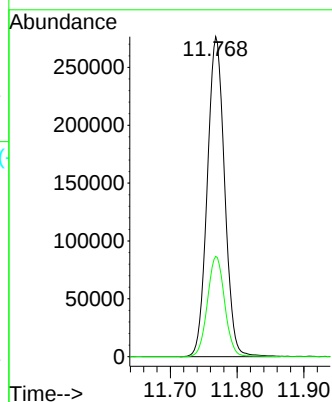
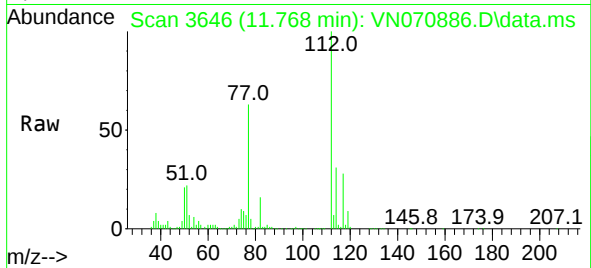




#65  
Chlorobenzene  
Concen: 18.465 ug/l  
RT: 11.768 min Scan# 3646  
Delta R.T. -0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

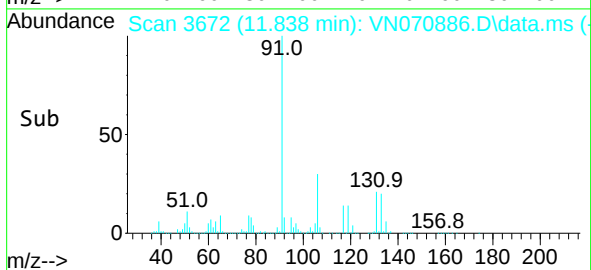
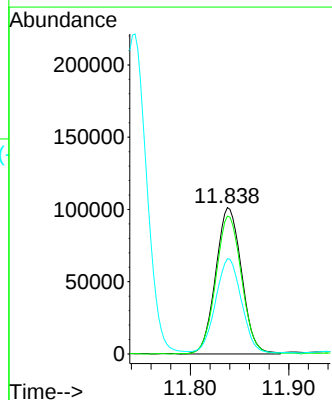
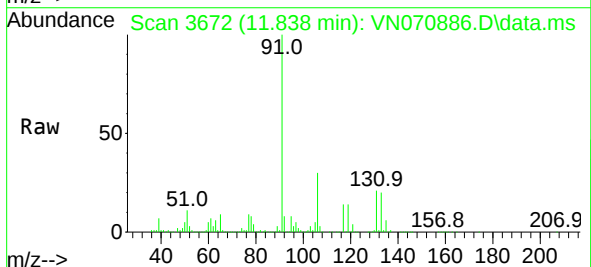
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

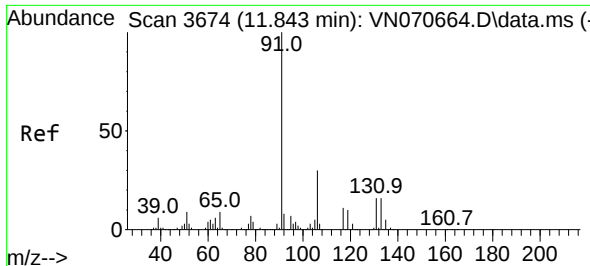
Tgt Ion:112 Resp: 498001  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.001 ug/l  
RT: 11.838 min Scan# 3672  
Delta R.T. -0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion:131 Resp: 185758  
Ion Ratio Lower Upper  
131 100  
133 94.2 47.9 143.7  
119 64.1 32.1 96.5

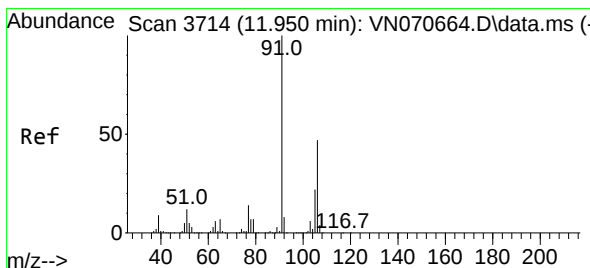
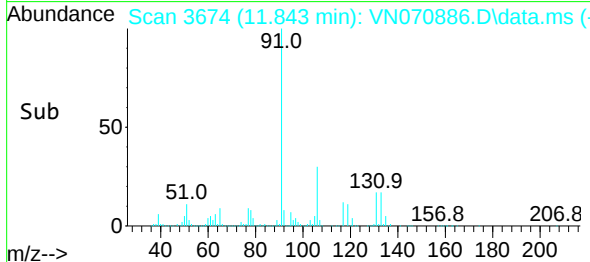
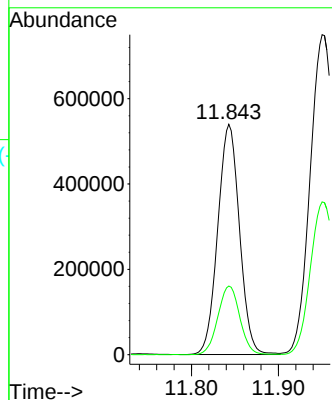
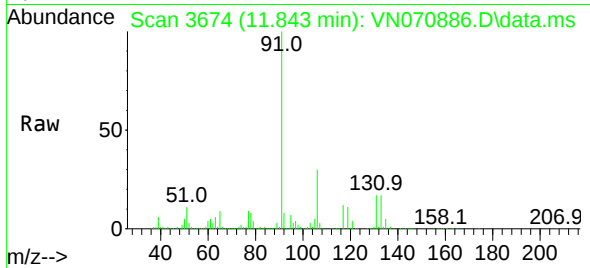




#67  
Ethyl Benzene  
Concen: 18.700 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. -0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

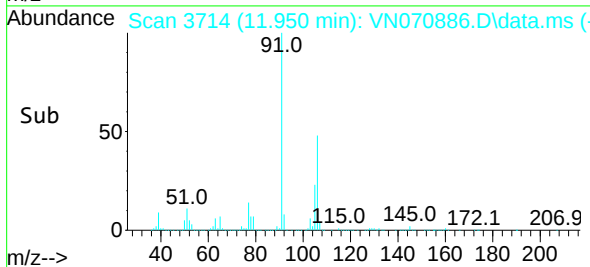
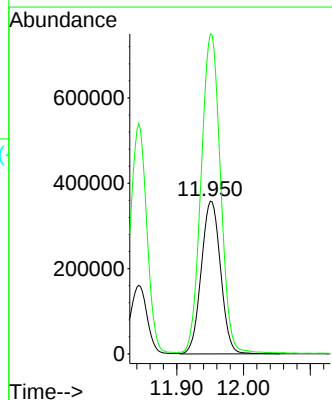
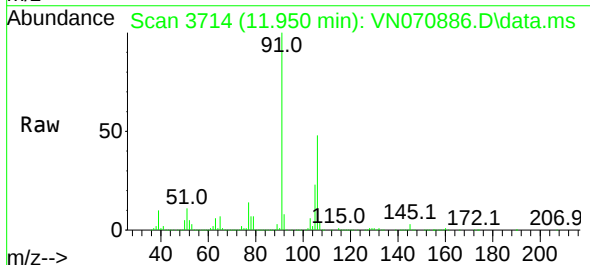
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

Tgt Ion: 91 Resp: 935049  
Ion Ratio Lower Upper  
91 100  
106 29.7 25.7 38.5



#68  
m/p-Xylenes  
Concen: 39.513 ug/l  
RT: 11.950 min Scan# 3714  
Delta R.T. 0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion:106 Resp: 718758  
Ion Ratio Lower Upper  
106 100  
91 209.7 160.6 240.8

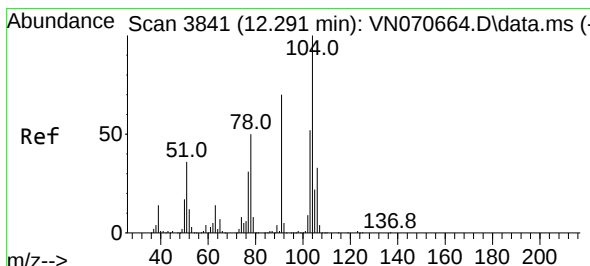
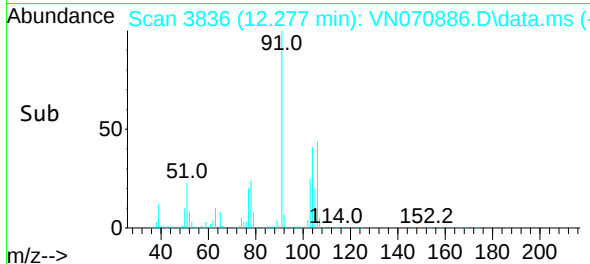
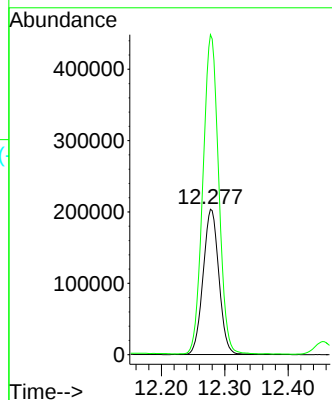
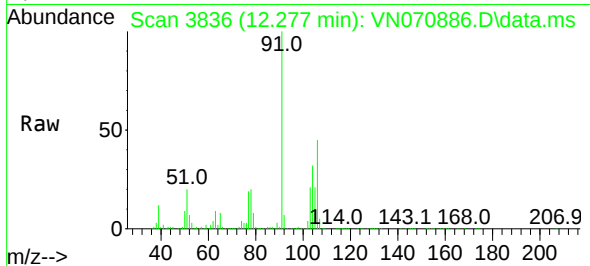




#69  
o-Xylene  
Concen: 19.483 ug/l  
RT: 12.277 min Scan# 3836  
Delta R.T. -0.001 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

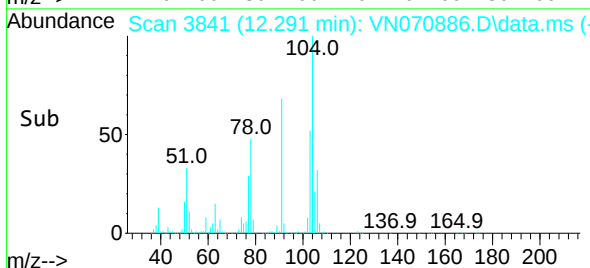
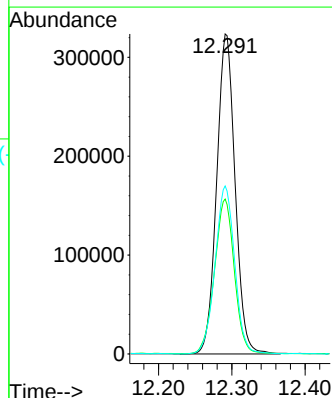
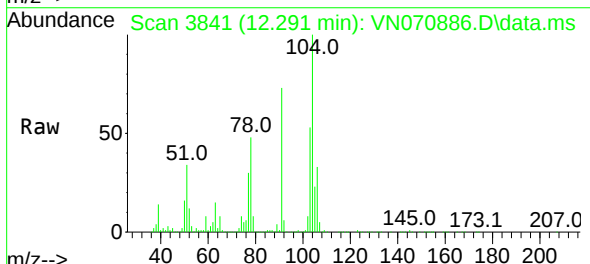
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

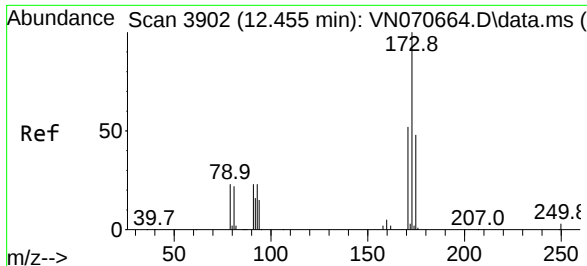
Tgt Ion:106 Resp: 351715  
Ion Ratio Lower Upper  
106 100  
91 219.7 105.8 317.3



#70  
Styrene  
Concen: 19.577 ug/l  
RT: 12.291 min Scan# 3841  
Delta R.T. -0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion:104 Resp: 565370  
Ion Ratio Lower Upper  
104 100  
78 51.8 38.7 58.1  
103 56.2 45.0 67.6

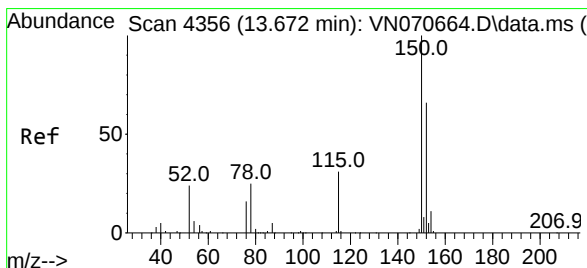
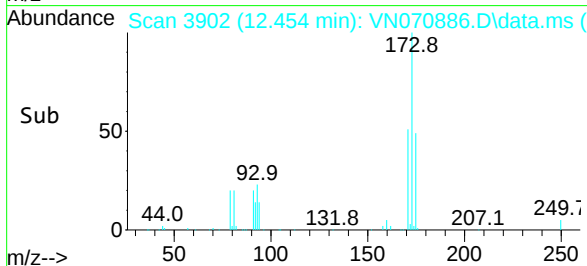
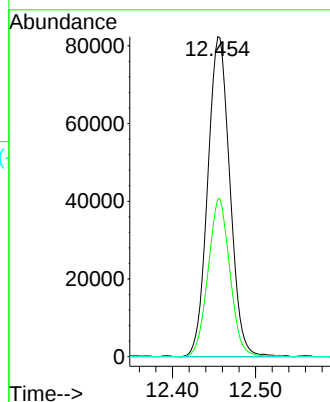
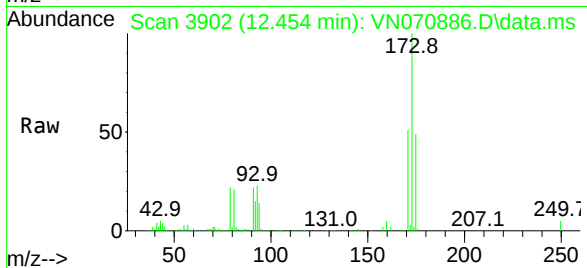




#71  
Bromoform  
Concen: 21.711 ug/l  
RT: 12.454 min Scan# 3902  
Delta R.T. -0.001 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

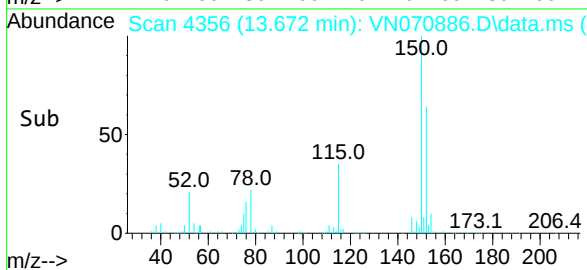
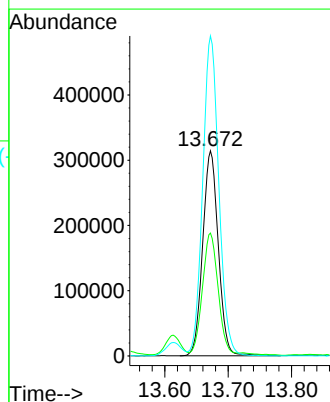
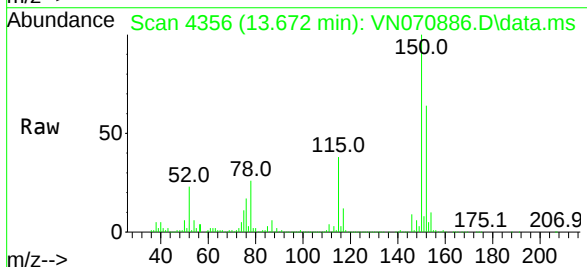
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

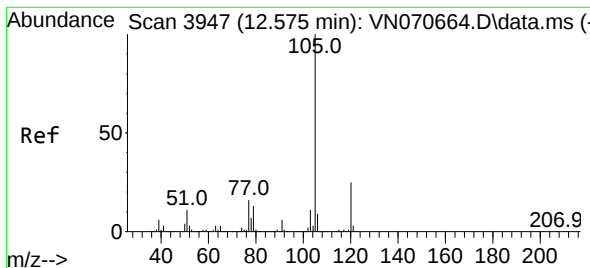
Tgt Ion:173 Resp: 152313  
Ion Ratio Lower Upper  
173 100  
175 48.6 24.2 72.6  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.672 min Scan# 4356  
Delta R.T. 0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion:152 Resp: 535881  
Ion Ratio Lower Upper  
152 100  
115 57.6 27.5 82.5  
150 160.7 0.0 344.4





#73

Isopropylbenzene

Concen: 17.388 ug/l

RT: 12.575 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VN070886.D

Acq: 1 Feb 2022 21:34

Instrument :

MSVOA\_N

ClientSampleId :

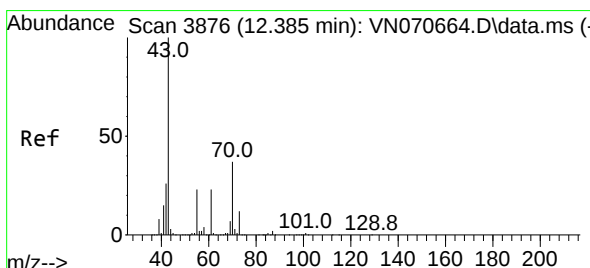
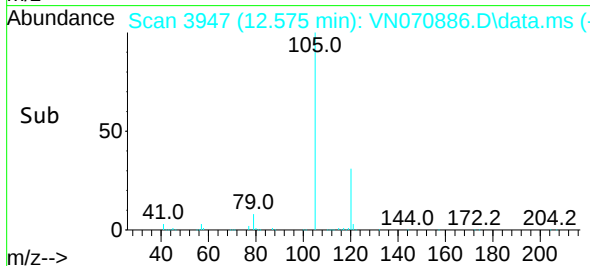
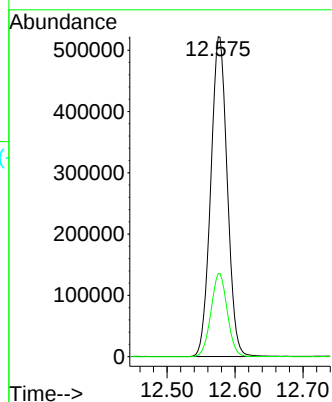
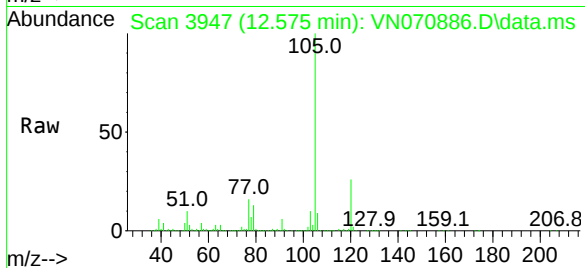
VN0201WBSD01

Tgt Ion:105 Resp: 881502

Ion Ratio Lower Upper

105 100

120 25.7 13.4 40.1



#74

N-ethyl acetate

Concen: 21.333 ug/l

RT: 12.385 min Scan# 3876

Delta R.T. -0.000 min

Lab File: VN070886.D

Acq: 1 Feb 2022 21:34

Tgt Ion: 43 Resp: 442199

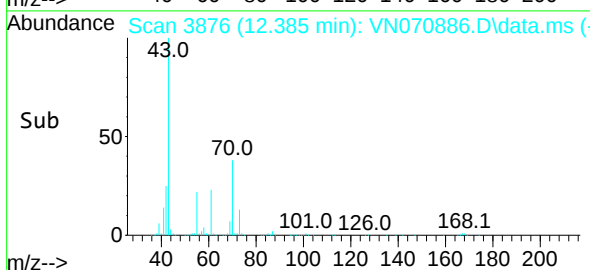
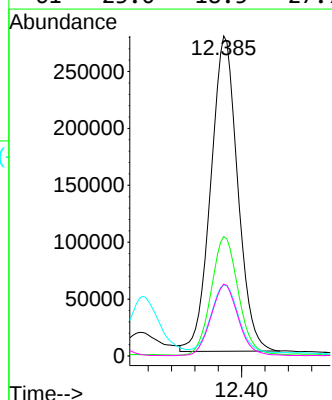
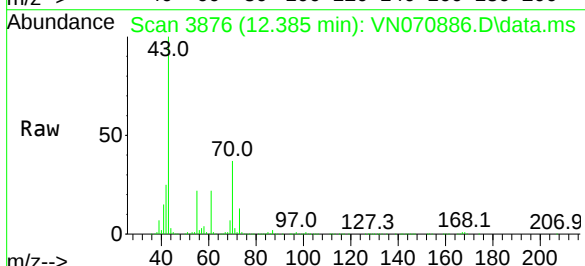
Ion Ratio Lower Upper

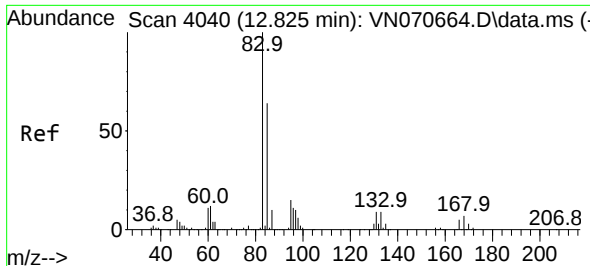
43 100

70 38.2 33.4 50.0

55 21.9 19.3 28.9

61 23.0 18.5 27.7

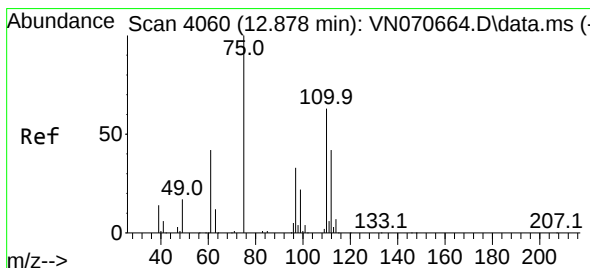
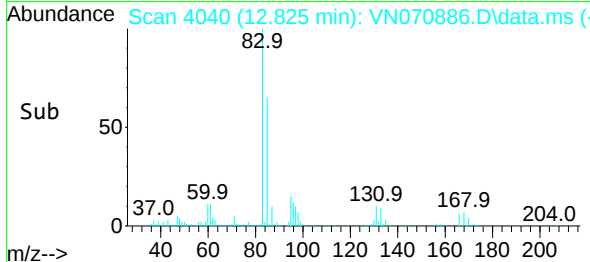
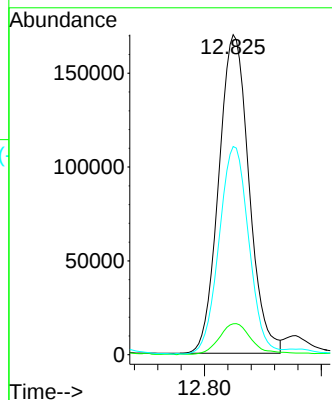
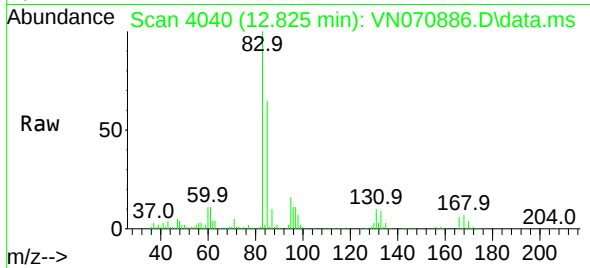




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 17.856 ug/l  
 RT: 12.825 min Scan# 4040  
 Delta R.T. -0.000 min  
 Lab File: VN070886.D  
 Acq: 1 Feb 2022 21:34

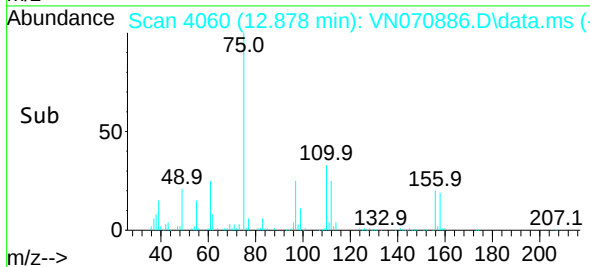
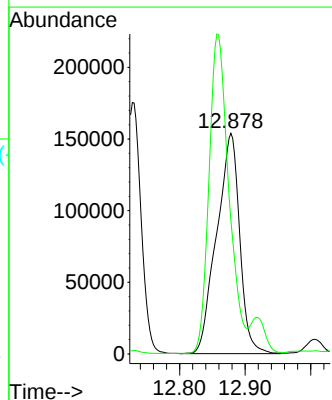
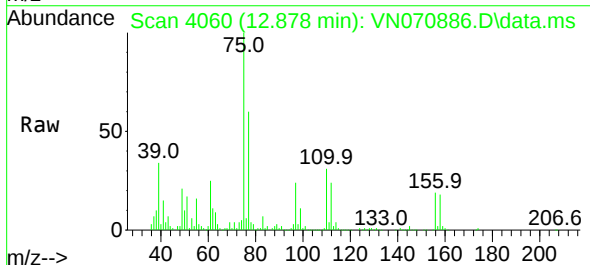
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0201WBSD01

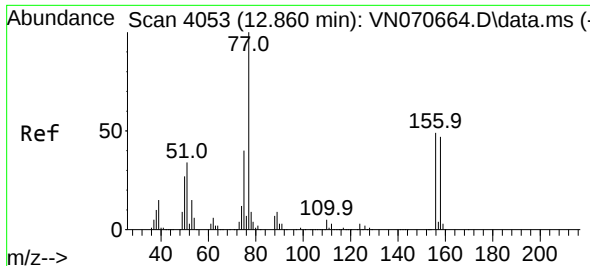
Tgt Ion: 83 Resp: 305722  
 Ion Ratio Lower Upper  
 83 100  
 131 10.2 5.5 16.5  
 85 64.0 32.4 97.2



#76  
 1,2,3-Trichloropropane  
 Concen: 26.314 ug/l  
 RT: 12.878 min Scan# 4060  
 Delta R.T. 0.000 min  
 Lab File: VN070886.D  
 Acq: 1 Feb 2022 21:34

Tgt Ion: 75 Resp: 373996  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 82.6 247.8#

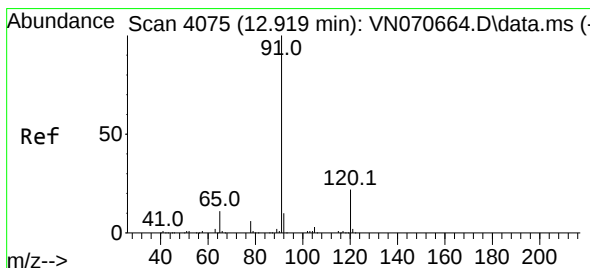
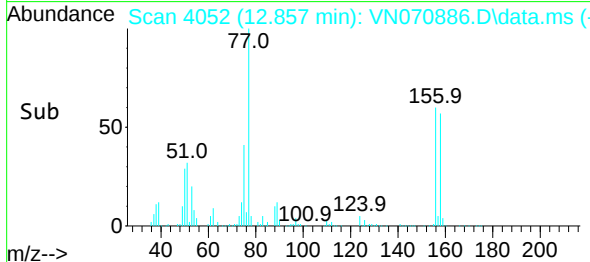
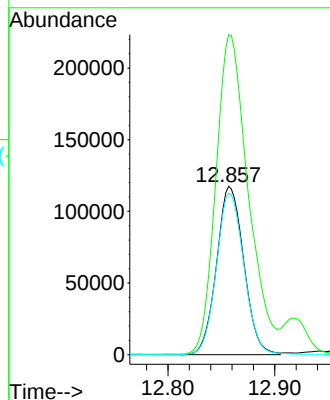
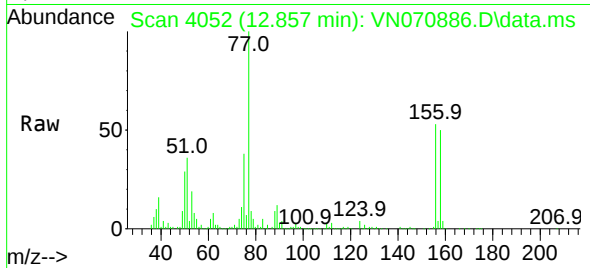




#77  
Bromobenzene  
Concen: 18.320 ug/l  
RT: 12.857 min Scan# 4053  
Delta R.T. -0.003 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

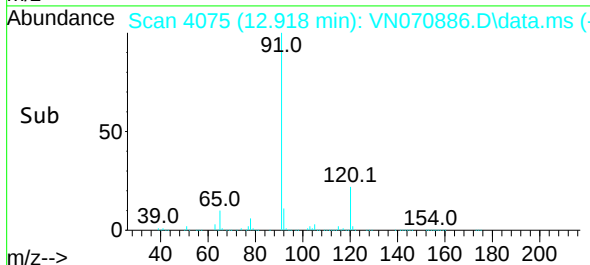
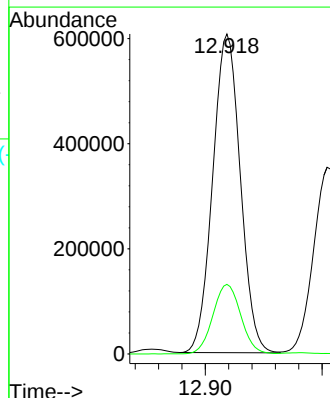
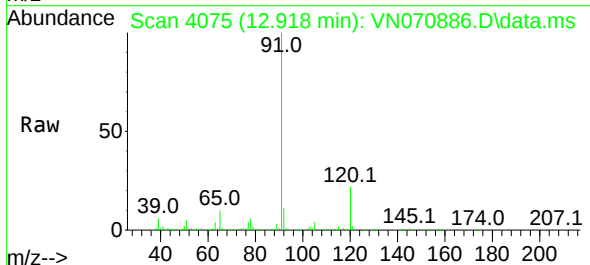
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

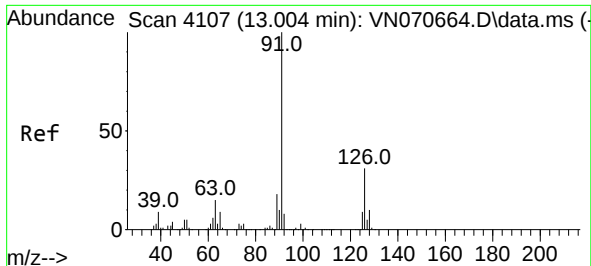
Tgt Ion:156 Resp: 208239  
Ion Ratio Lower Upper  
156 100  
77 224.3 90.6 271.8  
158 97.1 48.9 146.7



#78  
n-propylbenzene  
Concen: 17.551 ug/l  
RT: 12.918 min Scan# 4075  
Delta R.T. -0.001 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion: 91 Resp: 995101  
Ion Ratio Lower Upper  
91 100  
120 22.1 11.9 35.9

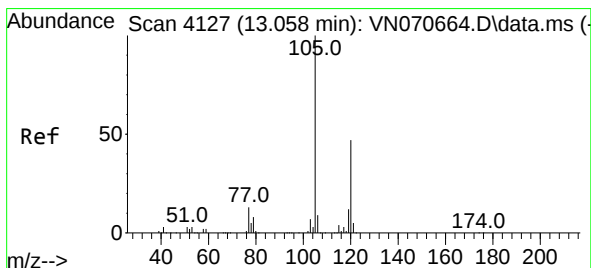
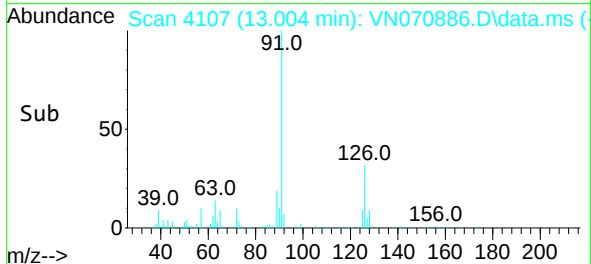
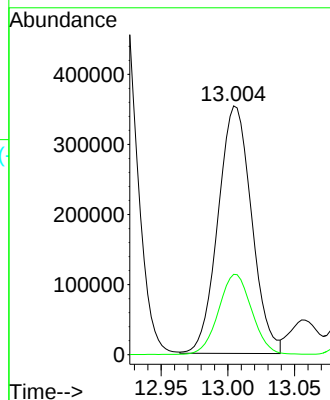
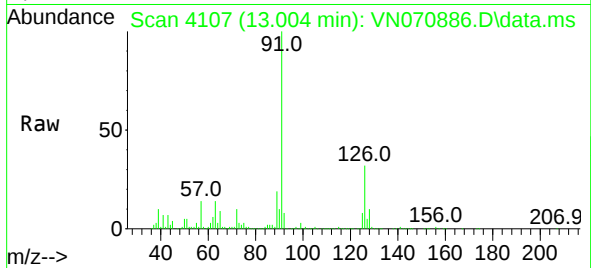




#79  
2-Chlorotoluene  
Concen: 17.251 ug/l  
RT: 13.004 min Scan# 4107  
Delta R.T. 0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

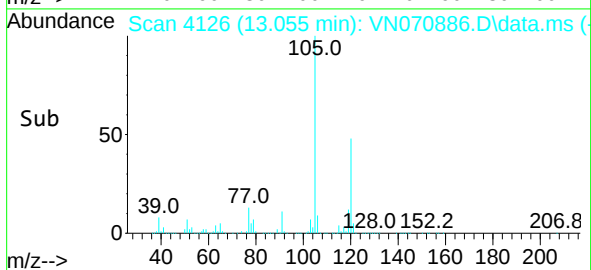
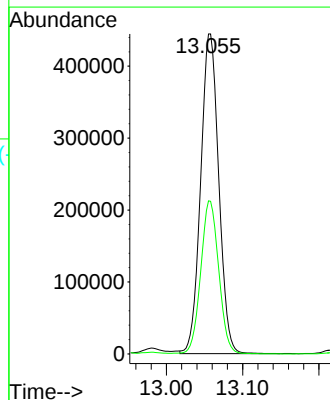
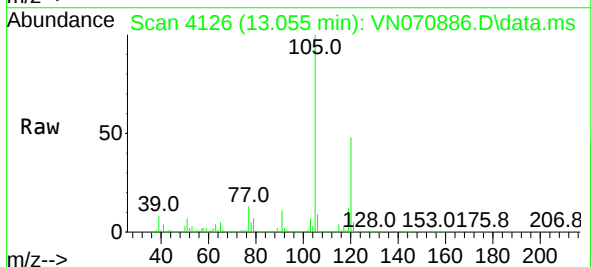
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

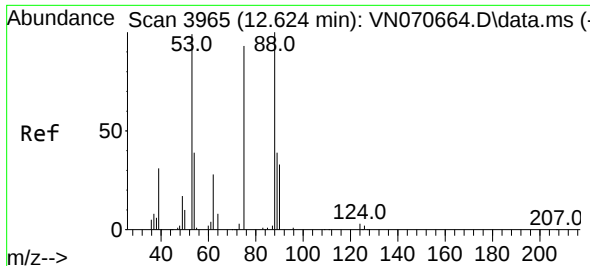
Tgt Ion: 91 Resp: 618700  
Ion Ratio Lower Upper  
91 100  
126 32.1 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 17.832 ug/l  
RT: 13.055 min Scan# 4126  
Delta R.T. -0.003 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion: 105 Resp: 731054  
Ion Ratio Lower Upper  
105 100  
120 47.5 24.6 73.6

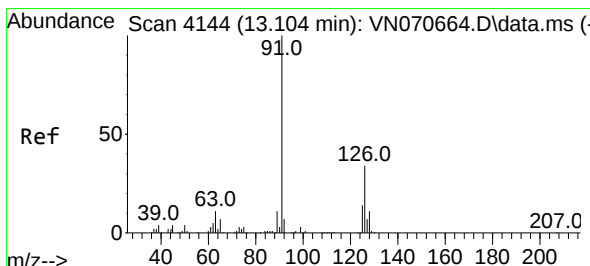
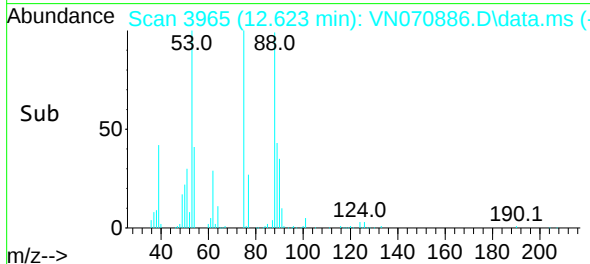
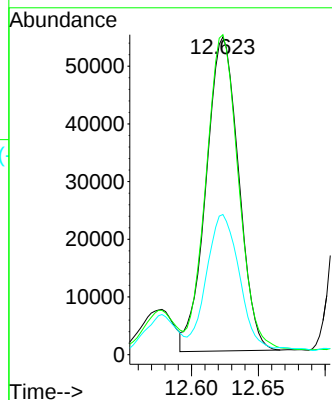
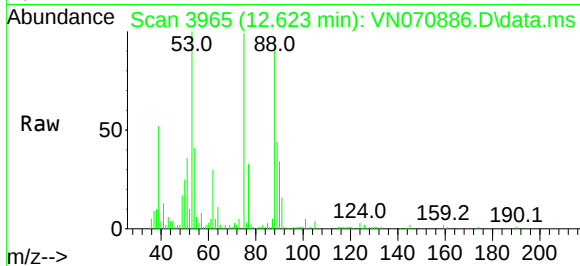




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 19.325 ug/l  
 RT: 12.623 min Scan# 3965  
 Delta R.T. -0.001 min  
 Lab File: VN070886.D  
 Acq: 1 Feb 2022 21:34

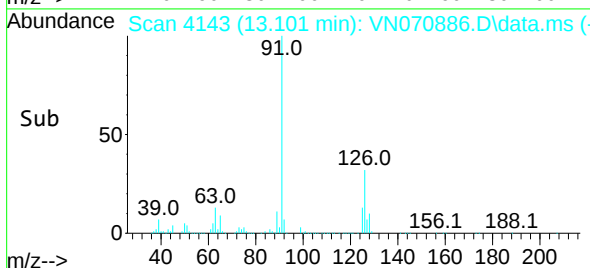
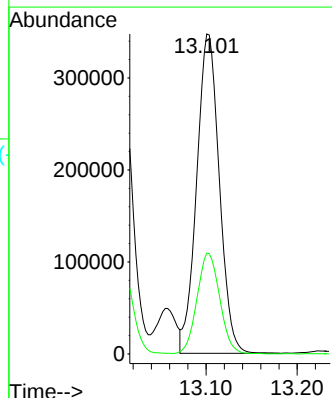
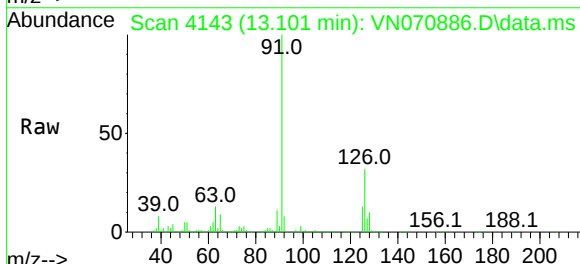
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0201WBSD01

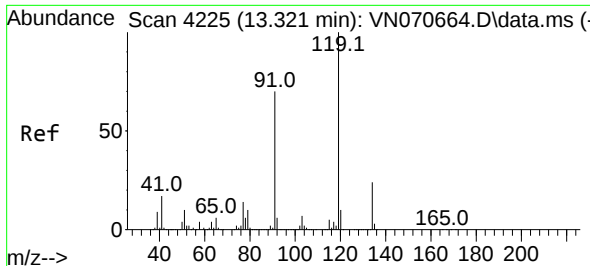
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 92195 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 101.8 | 90.5  | 135.7 |
| 89       | 42.7  | 38.2  | 57.4  |



#82  
 4-Chlorotoluene  
 Concen: 17.833 ug/l  
 RT: 13.101 min Scan# 4143  
 Delta R.T. -0.003 min  
 Lab File: VN070886.D  
 Acq: 1 Feb 2022 21:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 597591 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 31.7  | 18.2  | 54.6   |

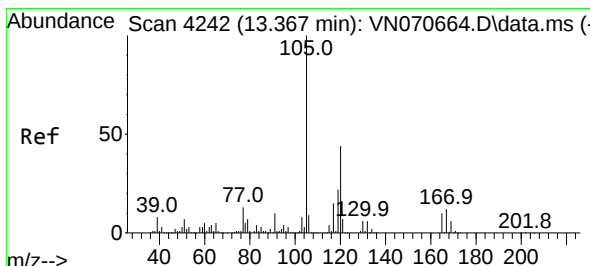
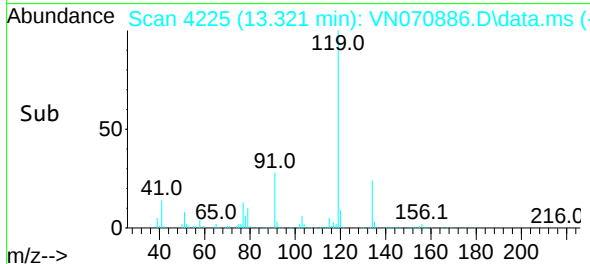
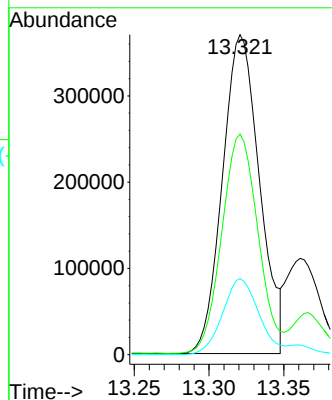
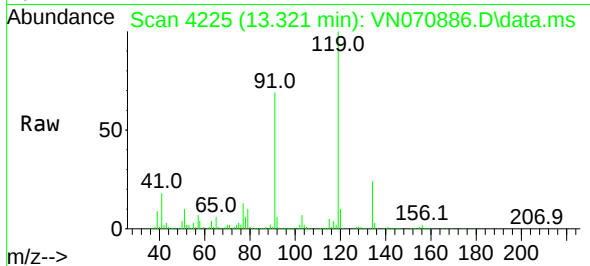




#83  
 tert-Butylbenzene  
 Concen: 17.889 ug/l  
 RT: 13.321 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VN070886.D  
 Acq: 1 Feb 2022 21:34

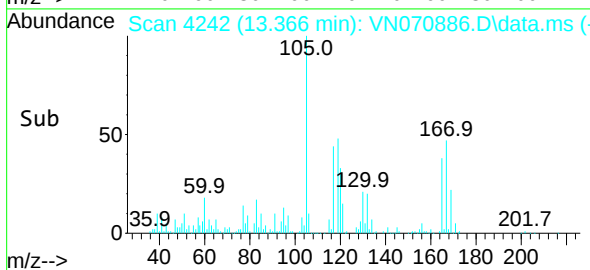
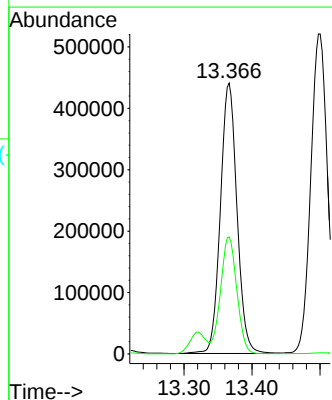
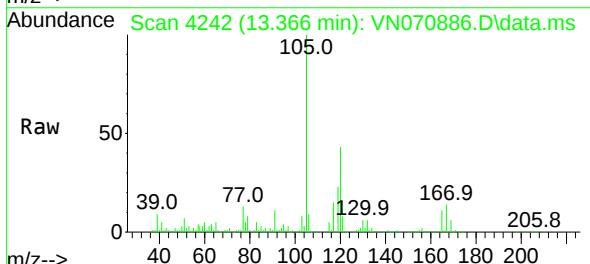
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0201WBSD01

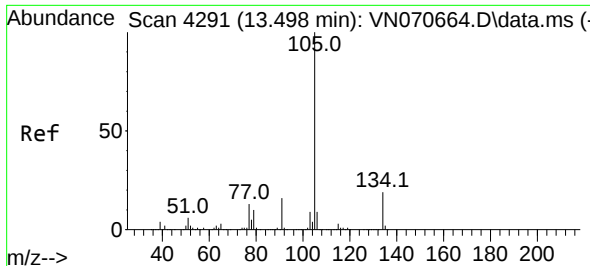
Tgt Ion:119 Resp: 638427  
 Ion Ratio Lower Upper  
 119 100  
 91 67.2 31.5 94.5  
 134 23.4 12.4 37.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 18.927 ug/l  
 RT: 13.366 min Scan# 4242  
 Delta R.T. -0.001 min  
 Lab File: VN070886.D  
 Acq: 1 Feb 2022 21:34

Tgt Ion:105 Resp: 745877  
 Ion Ratio Lower Upper  
 105 100  
 120 42.6 22.8 68.4

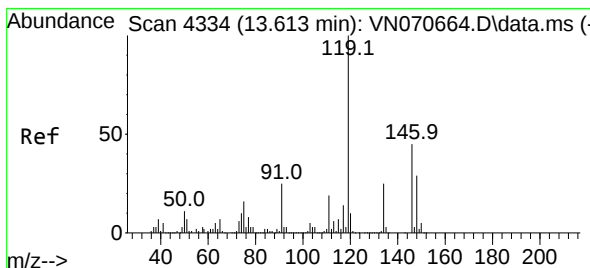
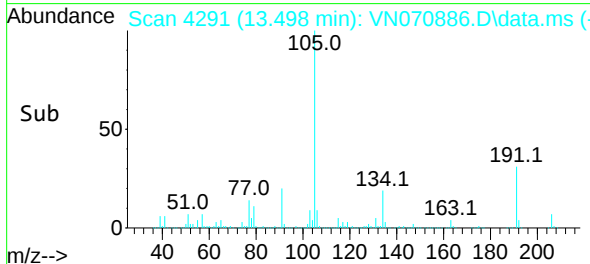
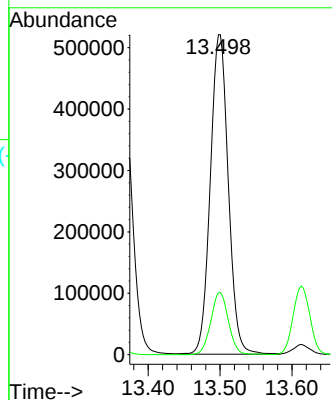
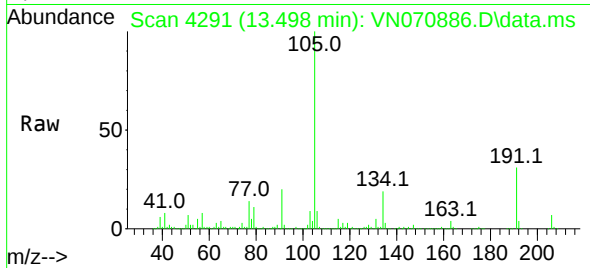




#85  
 sec-Butylbenzene  
 Concen: 18.655 ug/l  
 RT: 13.498 min Scan# 4291  
 Delta R.T. -0.000 min  
 Lab File: VN070886.D  
 Acq: 1 Feb 2022 21:34

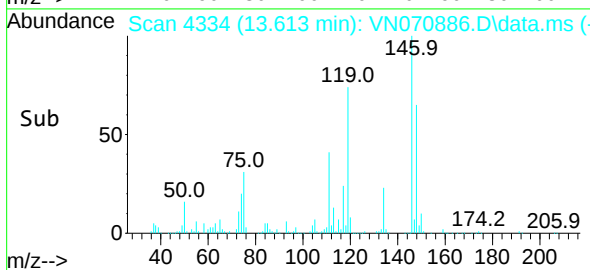
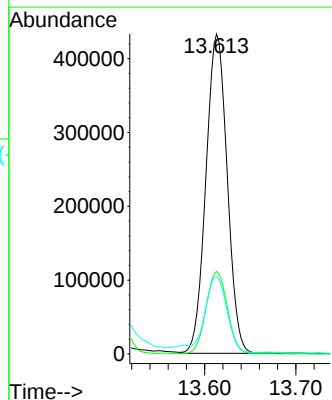
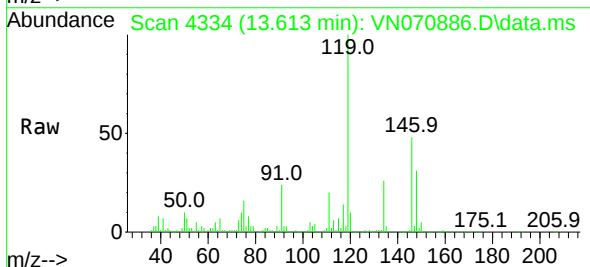
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0201WBSD01

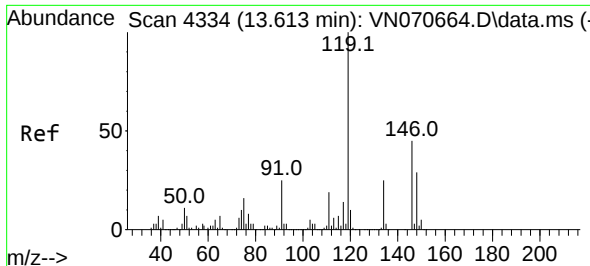
Tgt Ion:105 Resp: 905071  
 Ion Ratio Lower Upper  
 105 100  
 134 19.1 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 18.380 ug/l  
 RT: 13.613 min Scan# 4334  
 Delta R.T. 0.000 min  
 Lab File: VN070886.D  
 Acq: 1 Feb 2022 21:34

Tgt Ion:119 Resp: 700532  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 13.6 40.7  
 91 24.2 11.4 34.1

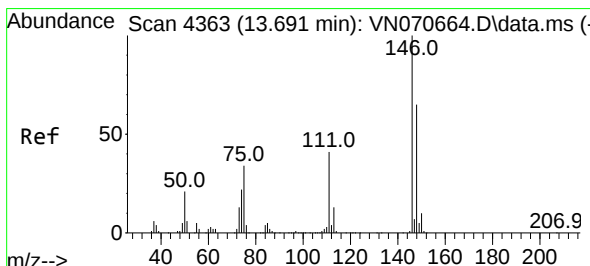
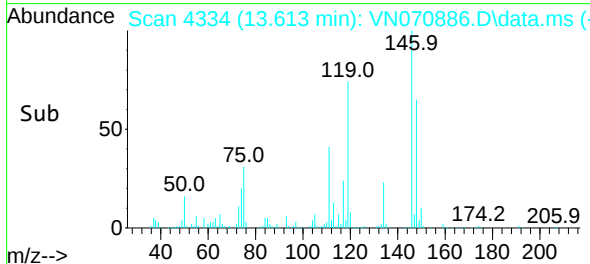
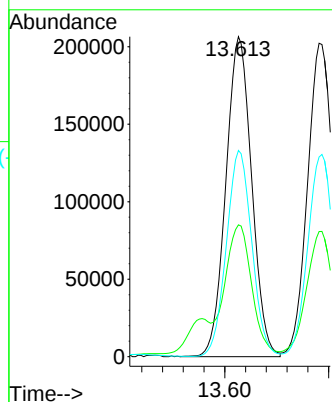
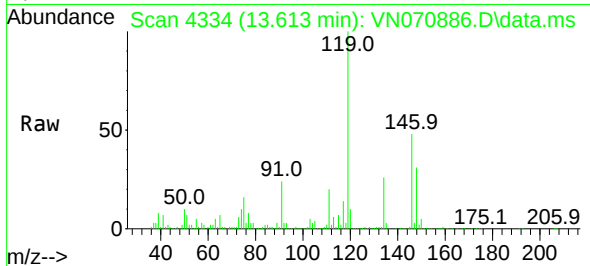




#87  
 1,3-Dichlorobenzene  
 Concen: 18.855 ug/l  
 RT: 13.613 min Scan# 4334  
 Delta R.T. 0.000 min  
 Lab File: VN070886.D  
 Acq: 1 Feb 2022 21:34

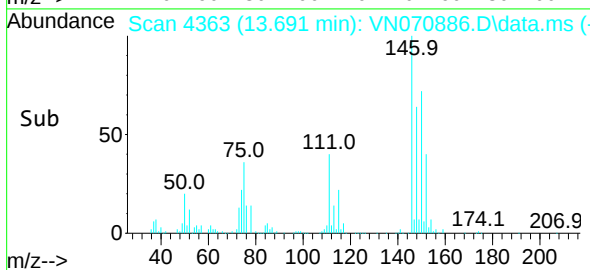
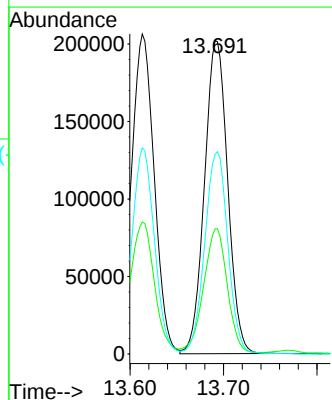
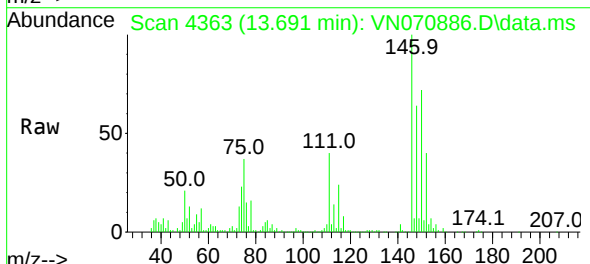
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 MSVOA\_N  
 ClientSampleId :  
 VN0201WBSD01

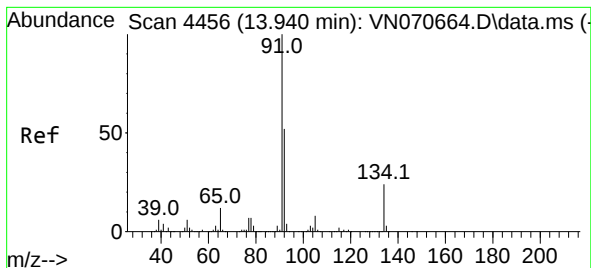
Tgt Ion:146 Resp: 356522  
 Ion Ratio Lower Upper  
 146 100  
 111 41.9 18.6 55.6  
 148 63.5 31.6 95.0



#88  
 1,4-Dichlorobenzene  
 Concen: 18.540 ug/l  
 RT: 13.691 min Scan# 4363  
 Delta R.T. -0.000 min  
 Lab File: VN070886.D  
 Acq: 1 Feb 2022 21:34

Tgt Ion:146 Resp: 348862  
 Ion Ratio Lower Upper  
 146 100  
 111 40.3 18.3 54.8  
 148 64.7 31.8 95.4





#89

n-Butylbenzene

Concen: 18.968 ug/l

RT: 13.940 min Scan# 4456

Delta R.T. 0.000 min

Lab File: VN070886.D

Acq: 1 Feb 2022 21:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0201WBSD01

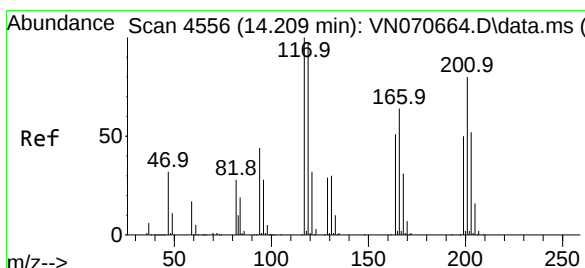
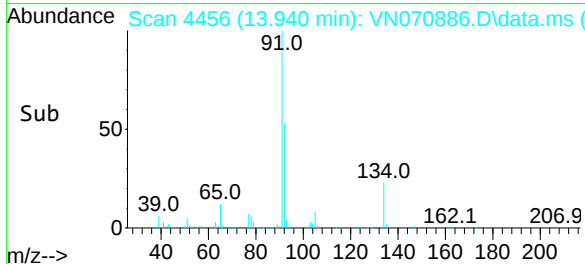
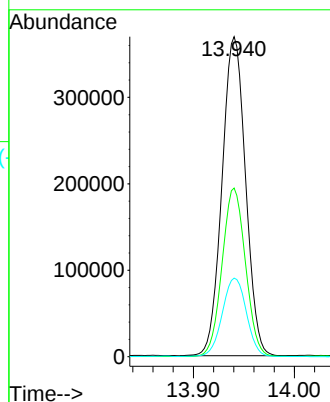
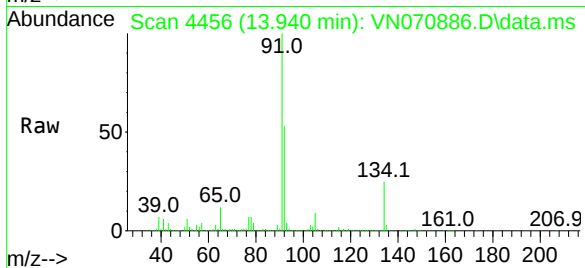
Tgt Ion: 91 Resp: 596406

Ion Ratio Lower Upper

91 100

92 52.4 25.4 76.0

134 25.2 13.6 40.8



#90

Hexachloroethane

Concen: 16.652 ug/l

RT: 14.208 min Scan# 4556

Delta R.T. -0.001 min

Lab File: VN070886.D

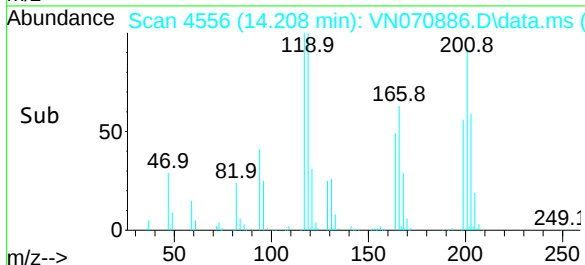
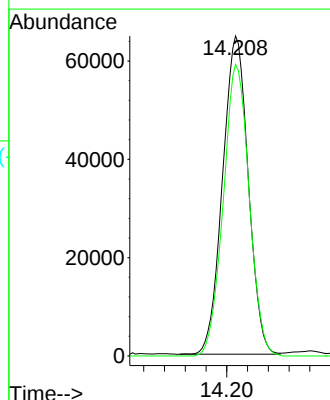
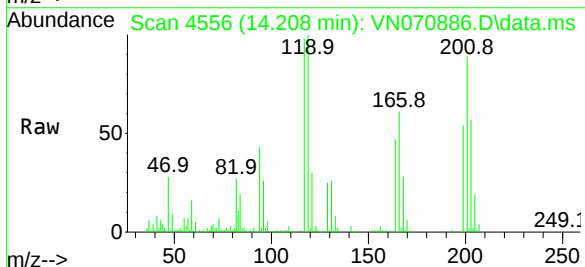
Acq: 1 Feb 2022 21:34

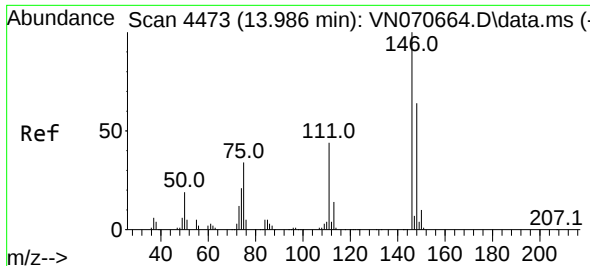
Tgt Ion: 117 Resp: 110943

Ion Ratio Lower Upper

117 100

201 92.3 43.9 131.6

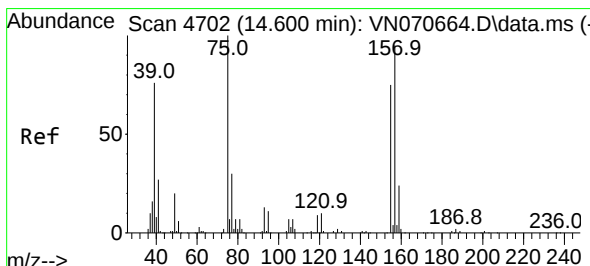
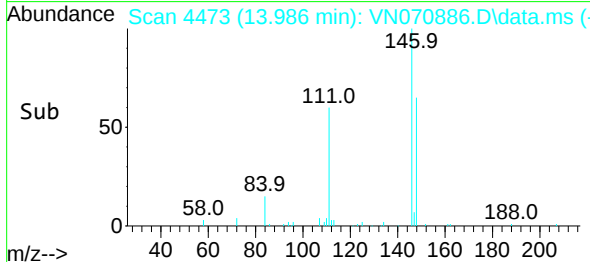
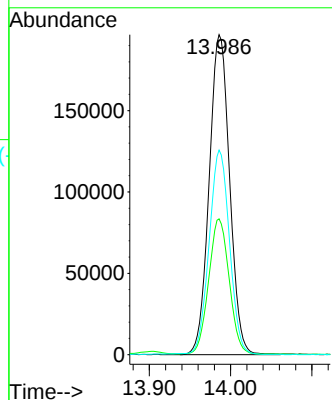
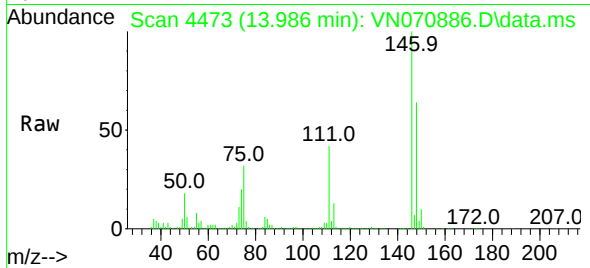




#91  
1,2-Dichlorobenzene  
Concen: 18.422 ug/l  
RT: 13.986 min Scan# 4473  
Delta R.T. -0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

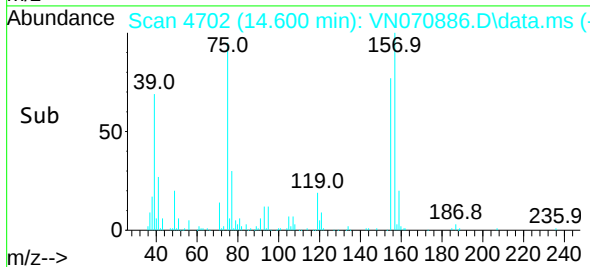
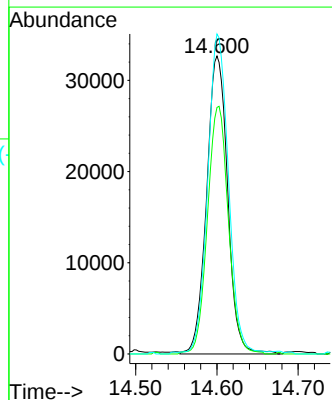
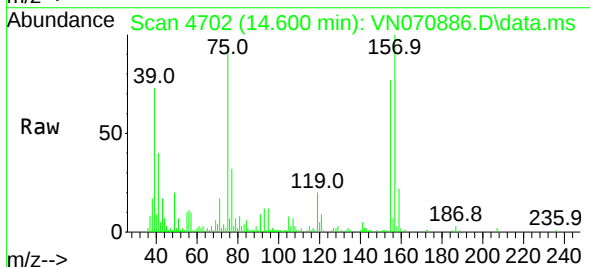
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

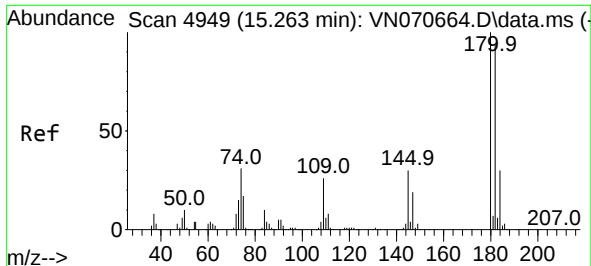
Tgt Ion:146 Resp: 344156  
Ion Ratio Lower Upper  
146 100  
111 42.2 19.1 57.3  
148 63.4 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.280 ug/l  
RT: 14.600 min Scan# 4702  
Delta R.T. 0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion: 75 Resp: 58900  
Ion Ratio Lower Upper  
75 100  
155 82.7 46.9 140.7  
157 104.0 60.6 181.7

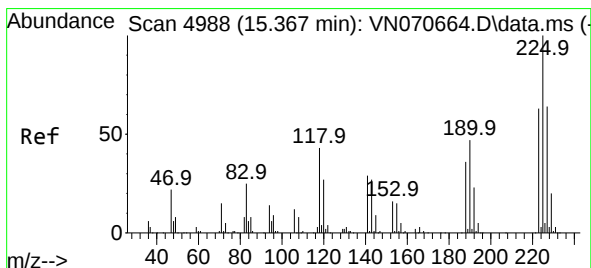
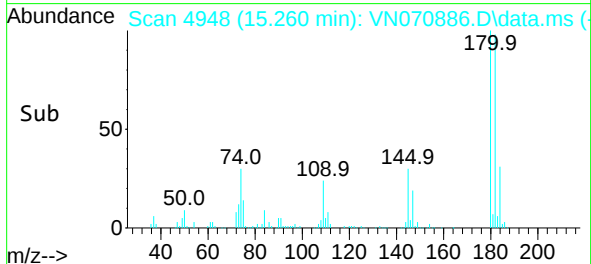
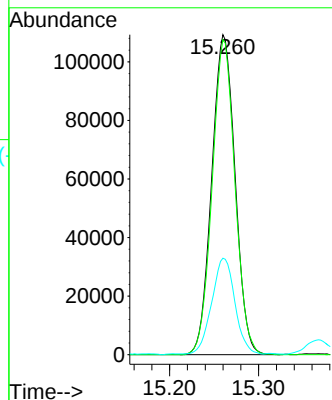
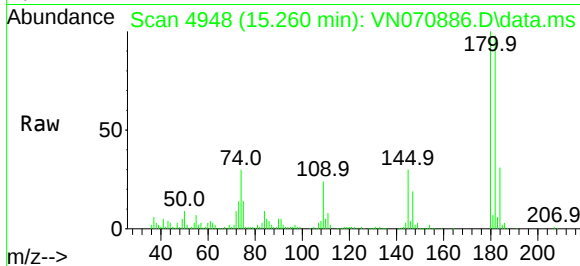




#93  
1,2,4-Trichlorobenzene  
Concen: 22.135 ug/l  
RT: 15.260 min Scan# 4949  
Delta R.T. -0.003 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

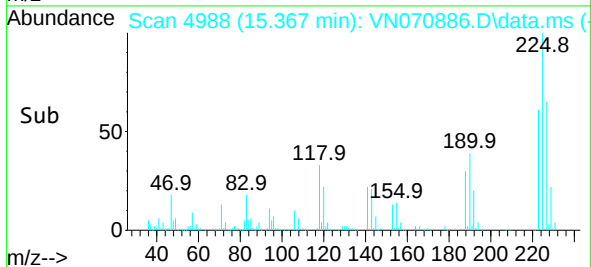
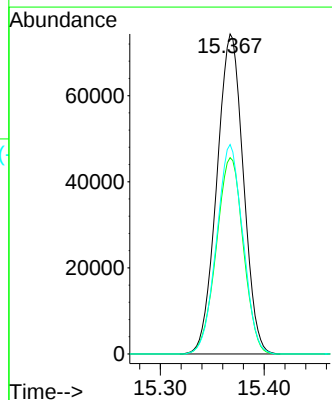
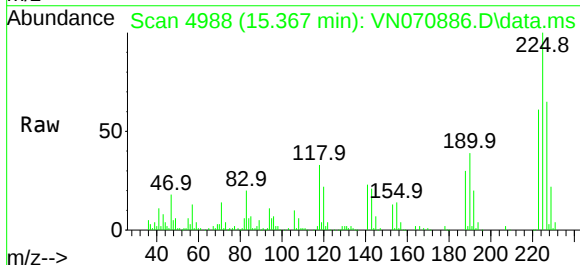
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

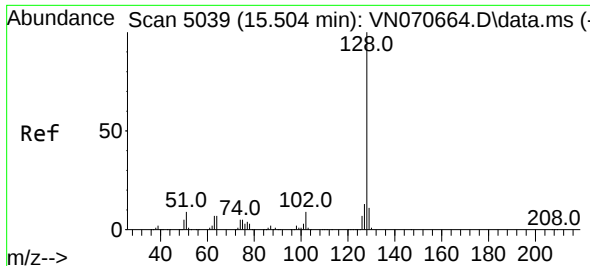
Tgt Ion:180 Resp: 198854  
Ion Ratio Lower Upper  
180 100  
182 96.1 48.3 144.9  
145 29.5 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 23.820 ug/l  
RT: 15.367 min Scan# 4988  
Delta R.T. 0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion:225 Resp: 131790  
Ion Ratio Lower Upper  
225 100  
223 62.5 31.9 95.7  
227 65.2 32.1 96.3

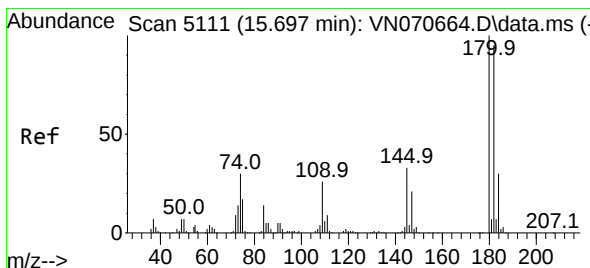
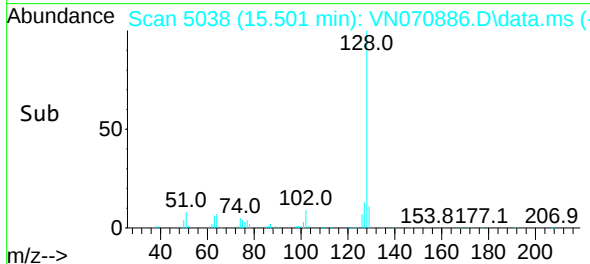
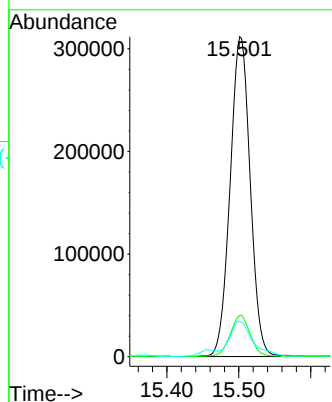
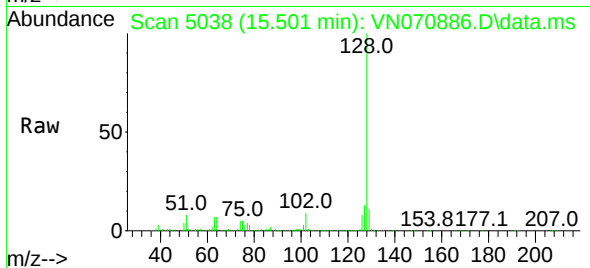




#95  
Naphthalene  
Concen: 24.529 ug/l  
RT: 15.501 min Scan# 5038  
Delta R.T. -0.003 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0201WBSD01

Tgt Ion:128 Resp: 603874  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.5 15.7  
129 12.3 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 21.939 ug/l  
RT: 15.697 min Scan# 5111  
Delta R.T. -0.000 min  
Lab File: VN070886.D  
Acq: 1 Feb 2022 21:34

Tgt Ion:180 Resp: 189370  
Ion Ratio Lower Upper  
180 100  
182 96.8 47.4 142.2  
145 31.0 15.0 45.1

