

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112921\  
 Data File : VN069665.D  
 Acq On : 29 Nov 2021 15:47  
 Operator : JC/MD  
 Sample : VN1129WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 30 04:17:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110921W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 09 18:18:22 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc       | Units          | Dev(Min) |
|------------------------------|--------|-------|----------|------------|----------------|----------|
| -----                        |        |       |          |            |                |          |
| Internal Standards           |        |       |          |            |                |          |
| 1) Pentafluorobenzene        | 7.796  | 168   | 250      | 50.000     | ug/l           | #-0.29   |
| 34) 1,4-Difluorobenzene      | 8.587  | 114   | 1799727  | 50.000     | ug/l           | -0.38    |
| 63) Chlorobenzene-d5         | 11.422 | 117   | 25       | 50.000     | ug/l           | #-0.33   |
| 72) 1,4-Dichlorobenzene-d4   | 13.656 | 152   | 687521   | 50.000     | ug/l           | -0.02    |
| System Monitoring Compounds  |        |       |          |            |                |          |
| 33) 1,2-Dichloroethane-d4    | 7.930  | 65    | 775926   | 214056.253 | ug/l           | -0.51    |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery   | = 428112.500%# |          |
| 35) Dibromofluoromethane     | 0.000  | 113   | 0        | 0.000      | ug/l           |          |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery   | = 0.000%#      |          |
| 50) Toluene-d8               | 10.261 | 98    | 1720015  | 40.516     | ug/l           | -0.18    |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery   | = 81.040%      |          |
| 62) 4-Bromofluorobenzene     | 12.248 | 95    | 90       | 0.006      | ug/l           | -0.49    |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery   | = 0.020%#      |          |
| Target Compounds             |        |       |          |            |                |          |
|                              |        |       |          |            | Qvalue         |          |
| 2) Dichlorodifluoromethane   | 2.158  | 85    | 27       | 10.109     | ug/l #         | 42       |
| 3) Chloromethane             | 2.220  | 50    | 186      | 60.049     | ug/l #         | 31       |
| 4) Vinyl Chloride            | 2.365  | 62    | 25       | 8.061      | ug/l #         | 42       |
| 5) Bromomethane              | 2.756  | 94    | 69       | 34.256     | ug/l #         | 13       |
| 6) Chloroethane              | 2.941  | 64    | 166      | 79.296     | ug/l #         | 42       |
| 7) Trichlorofluoromethane    | 2.992  | 101   | 28       | 5.841      | ug/l #         | 19       |
| 9) 1,1,2-Trichlorotrifluo... | 4.127  | 101   | 54       | 23.916     | ug/l #         | 16       |
| 11) Tert butyl alcohol       | 5.345  | 59    | 85494    | 130887.752 | ug/l #         | 71       |
| 12) 1,1-Dichloroethene       | 4.156  | 96    | 173270   | 85512.826  | ug/l           | 92       |
| 13) Acrolein                 | 3.899  | 56    | 8696     | 96561.125  | ug/l #         | 56       |
| 14) Allyl chloride           | 4.658  | 41    | 139      | 31.028     | ug/l #         | 1        |
| 15) Acrylonitrile            | 5.350  | 53    | 359      | 214.623    | ug/l #         | 28       |
| 16) Acetone                  | 4.178  | 43    | 191507   | 97918.942  | ug/l #         | 58       |
| 18) Methyl Acetate           | 4.677  | 43    | 162      | 25.481     | ug/l #         | 51       |
| 19) Methyl tert-butyl Ether  | 5.358  | 73    | 26       | 3.032      | ug/l #         | 1        |
| 20) Methylene Chloride       | 5.143  | 84    | 298      | 107.452    | ug/l #         | 56       |
| 21) trans-1,2-Dichloroethene | 5.210  | 96    | 159      | 70.255     | ug/l #         | 1        |
| 22) Diisopropyl ether        | 6.490  | 45    | 14626    | 1515.639   | ug/l #         | 1        |
| 23) Vinyl Acetate            | 6.474  | 43    | 690258   | 92481.719  | ug/l #         | 72       |
| 25) 2-Butanone               | 6.943  | 43    | 138985   | 52481.371  | ug/l #         | 1        |
| 26) 2,2-Dichloropropane      | 6.830  | 77    | 30       | 7.801      | ug/l #         | 52       |
| 27) cis-1,2-Dichloroethene   | 7.077  | 96    | 93       | 33.149     | ug/l #         | 1        |
| 28) Bromochloromethane       | 7.372  | 49    | 3608     | 1433.392   | ug/l #         | 9        |
| 29) Tetrahydrofuran          | 7.479  | 42    | 80223    | 49362.492  | ug/l #         | 32       |
| 30) Chloroform               | 7.651  | 83    | 22833    | 4531.251   | ug/l           | 94       |
| 31) Cyclohexane              | 7.603  | 56    | 437652   | 88374.429  | ug/l #         | 18       |
| 32) 1,1,1-Trichloroethane    | 7.654  | 97    | 160      | 38.040     | ug/l #         | 1        |
| 36) 1,1-Dichloropropene      | 7.651  | 75    | 275588   | 18.198     | ug/l           | 95       |
| 37) Ethyl Acetate            | 6.943  | 43    | 138985   | 6.789      | ug/l #         | 73       |
| 38) Carbon Tetrachloride     | 7.624  | 117   | 277409   | 18.974     | ug/l           | 98       |
| 39) Methylcyclohexane        | 9.145  | 83    | 320069   | 16.990     | ug/l           | 91       |
| 40) Benzene                  | 7.946  | 78    | 883073   | 18.892     | ug/l           | 99       |
| 41) Methacrylonitrile        | 7.479  | 41    | 211846   | 20.028     | ug/l #         | 48       |
| 42) 1,2-Dichloroethane       | 8.045  | 62    | 379724   | 20.747     | ug/l           | 96       |
| 43) Isopropyl Acetate        | 8.118  | 43    | 644853   | 19.612     | ug/l #         | 87       |
| 44) Trichloroethene          | 8.869  | 130   | 216421   | 19.346     | ug/l           | 94       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112921\  
 Data File : VN069665.D  
 Acq On : 29 Nov 2021 15:47  
 Operator : JC/MD  
 Sample : VN1129WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 30 04:17:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110921W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 09 18:18:22 2021  
 Response via : Initial Calibration

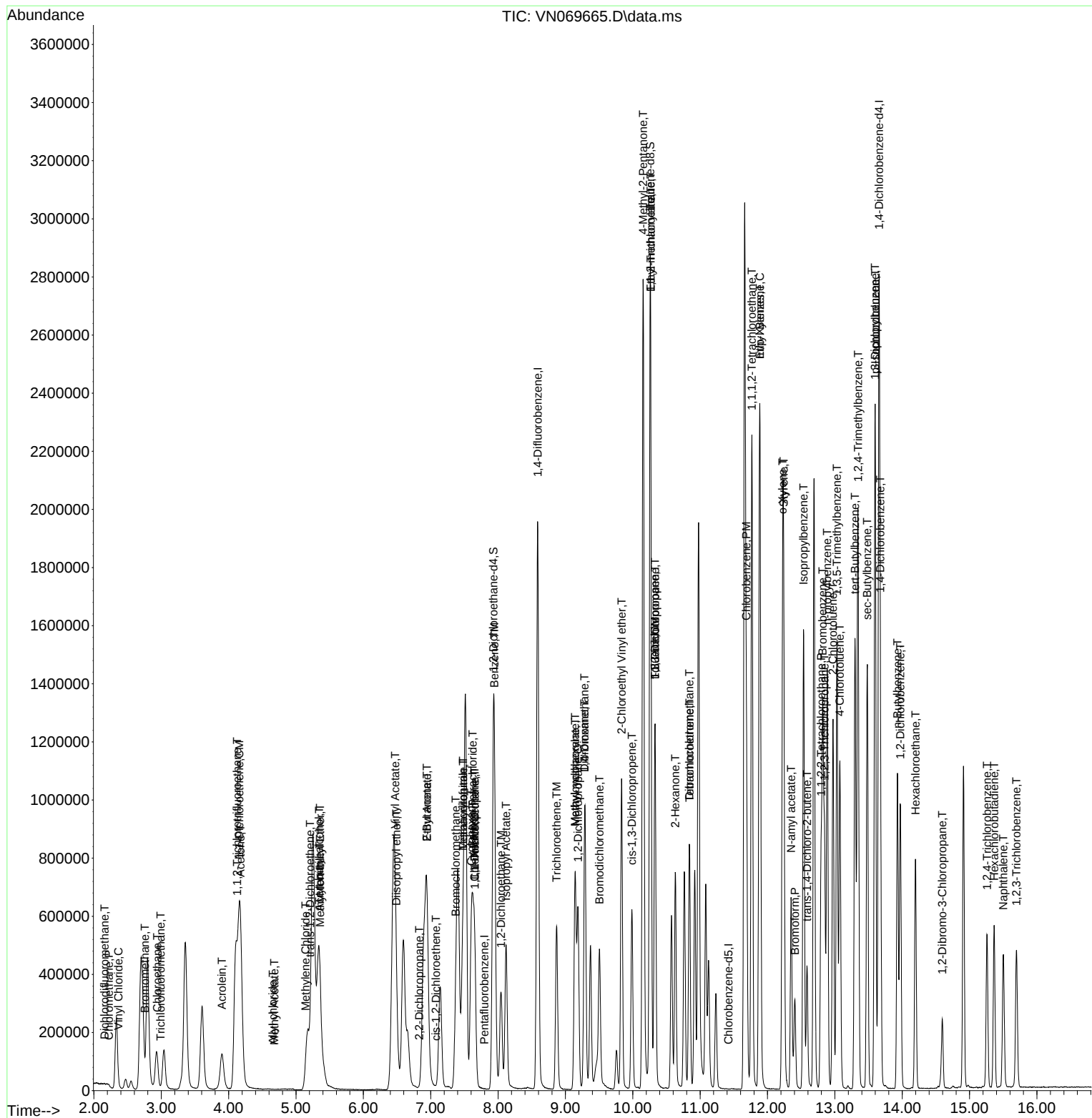
| Compound                      | R.T.   | QIon | Response | Conc        | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------------|--------|----------|
| 45) 1,2-Dichloropropane       | 9.185  | 63   | 247961   | 19.855      | ug/l   | 97       |
| 46) Dibromomethane            | 9.284  | 93   | 160934   | 19.239      | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.504  | 83   | 318497   | 20.404      | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.145  | 41   | 178506   | 11.539      | ug/l # | 62       |
| 49) 1,4-Dioxane               | 9.284  | 88   | 92935    | 330.361     | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone      | 10.153 | 43   | 1859228  | 87.602      | ug/l   | 95       |
| 52) Toluene                   | 10.330 | 92   | 384046   | 13.188      | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.330 | 75   | 7384     | 3.002       | ug/l # | 1        |
| 54) cis-1,3-Dichloropropene   | 9.987  | 75   | 351874   | 18.529      | ug/l # | 87       |
| 55) 1,1,2-Trichloroethane     | 10.266 | 97   | 87572    | 7.460       | ug/l # | 1        |
| 56) Ethyl methacrylate        | 10.266 | 69   | 9312     | 2.457       | ug/l # | 24       |
| 57) 1,3-Dichloropropane       | 10.330 | 76   | 5270     | 0.255       | ug/l   | 90       |
| 58) 2-Chloroethyl Vinyl ether | 9.834  | 63   | 477441   | 99.062      | ug/l   | 93       |
| 59) 2-Hexanone                | 10.631 | 43   | 18857    | 8.961       | ug/l   | 66       |
| 60) Dibromochloromethane      | 10.840 | 129  | 192689   | 16.650      | ug/l # | 11       |
| 64) Tetrachloroethene         | 10.843 | 164  | 191118   | 1266077.084 | ug/l   | 93       |
| 65) Chlorobenzene             | 11.685 | 112  | 599960   | 1289306.690 | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.765 | 131  | 221409   | 1371769.734 | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.886 | 91   | 1654195  | 1927449.439 | ug/l # | 72       |
| 68) m/p-Xylenes               | 11.886 | 106  | 779569   | 2469763.837 | ug/l   | 92       |
| 69) o-Xylene                  | 12.224 | 106  | 396918   | 1261350.360 | ug/l   | 94       |
| 70) Styrene                   | 12.240 | 104  | 632224   | 1084978.781 | ug/l   | 95       |
| 71) Bromoform                 | 12.406 | 173  | 152722   | 1015025.609 | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.535 | 105  | 1049411  | 19.170      | ug/l   | 98       |
| 74) N-amyl acetate            | 12.350 | 43   | 416278   | 17.944      | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.795 | 83   | 380947   | 20.633      | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.846 | 75   | 436155   | 27.489      | ug/l # | 1        |
| 77) Bromobenzene              | 12.819 | 156  | 243151   | 19.422      | ug/l   | 79       |
| 78) n-propylbenzene           | 12.886 | 91   | 1163945  | 18.896      | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.972 | 91   | 728516   | 19.102      | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 13.031 | 105  | 854279   | 19.304      | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.586 | 75   | 81545    | 19.315      | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 13.074 | 91   | 695045   | 19.118      | ug/l   | 93       |
| 83) tert-Butylbenzene         | 13.299 | 119  | 762371   | 19.659      | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.345 | 105  | 825175   | 19.315      | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.482 | 105  | 1031913  | 19.049      | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.600 | 119  | 809237   | 18.817      | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.594 | 146  | 409518   | 18.867      | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.675 | 146  | 397633   | 18.674      | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.930 | 91   | 637576   | 17.779      | ug/l   | 97       |
| 90) Hexachloroethane          | 14.198 | 117  | 134446   | 18.435      | ug/l   | 85       |
| 91) 1,2-Dichlorobenzene       | 13.970 | 146  | 409827   | 19.843      | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.595 | 75   | 57648    | 17.988      | ug/l   | 81       |
| 93) 1,2,4-Trichlorobenzene    | 15.260 | 180  | 172166   | 18.032      | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.364 | 225  | 119222   | 22.216      | ug/l   | 98       |
| 95) Naphthalene               | 15.501 | 128  | 423370   | 17.088      | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.694 | 180  | 167742   | 18.351      | ug/l   | 98       |

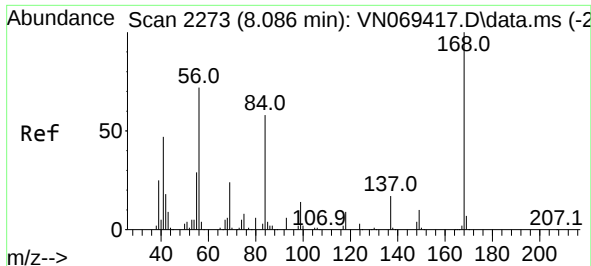
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112921\  
 Data File : VN069665.D  
 Acq On : 29 Nov 2021 15:47  
 Operator : JC/MD  
 Sample : VN1129WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 30 04:17:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110921W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 09 18:18:22 2021  
 Response via : Initial Calibration

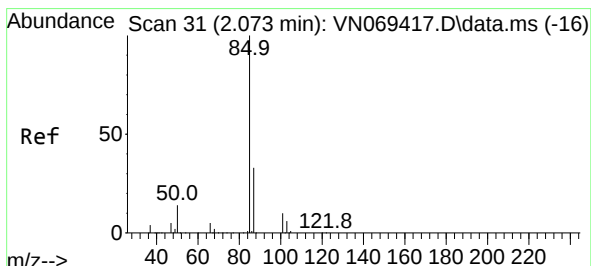
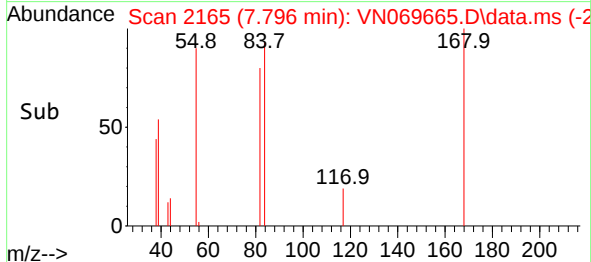
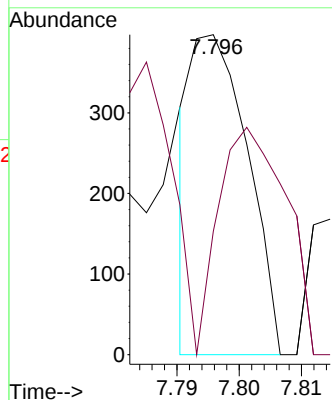
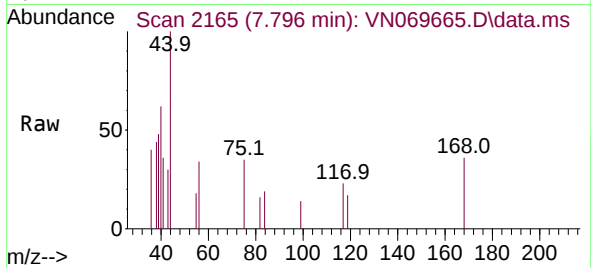




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.796 min Scan# 21  
Delta R.T. -0.290 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

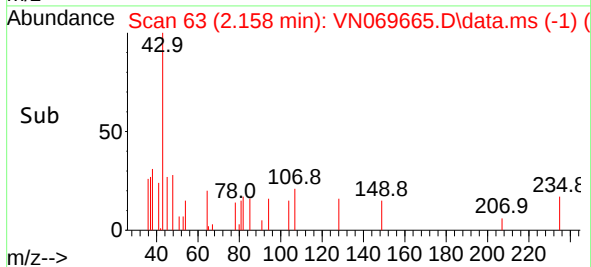
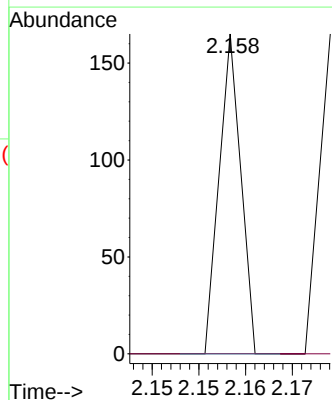
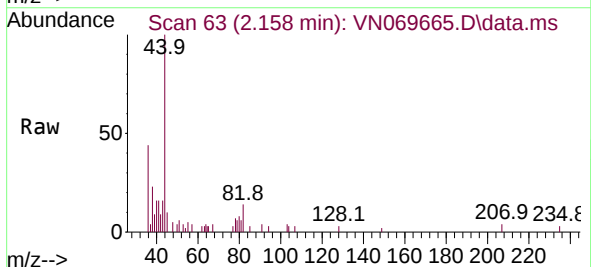
Instrument :  
MSVOA\_N  
ClientSampleId :

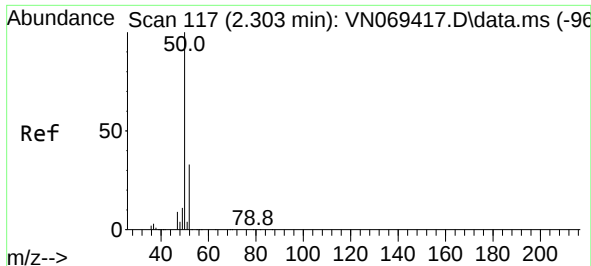
Tgt Ion:168 Resp: 250  
Ion Ratio Lower Upper  
168 100  
99 0.0 41.3 61.9#



#2  
Dichlorodifluoromethane  
Concen: 10.109 ug/l  
RT: 2.158 min Scan# 63  
Delta R.T. 0.085 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Tgt Ion: 85 Resp: 27  
Ion Ratio Lower Upper  
85 100  
87 0.0 16.3 48.9#

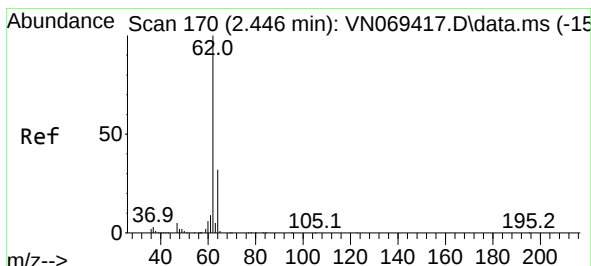
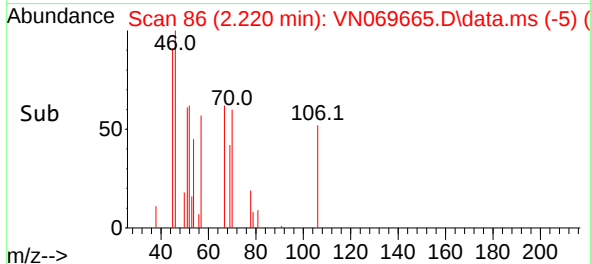
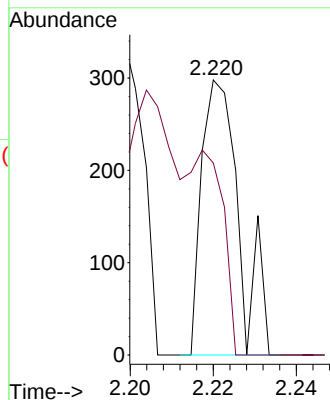
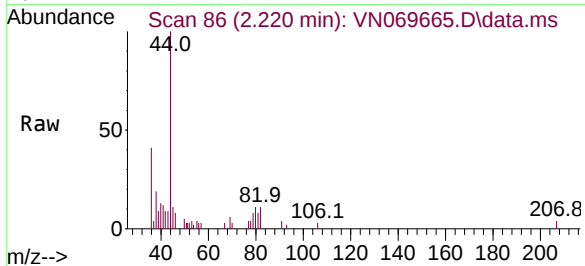




#3  
Chloromethane  
Concen: 60.049 ug/l  
RT: 2.220 min Scan# 80  
Delta R.T. -0.083 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

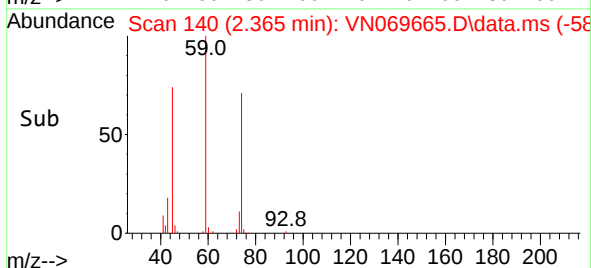
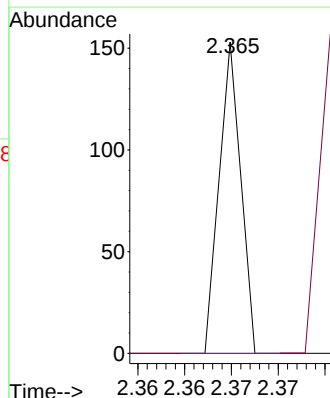
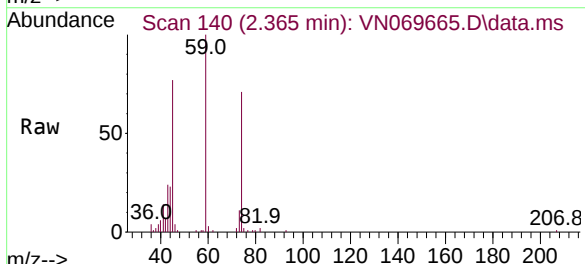
Instrument :  
MSVOA\_N  
ClientSampleId :

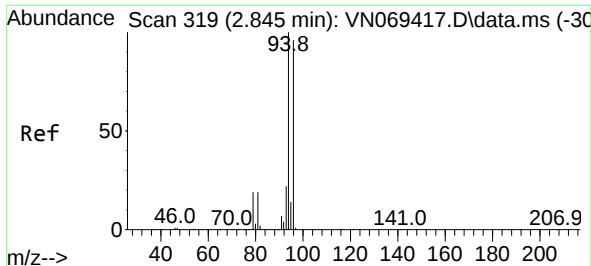
Tgt Ion: 50 Resp: 186  
Ion Ratio Lower Upper  
50 100  
52 69.8 25.4 38.0#



#4  
Vinyl Chloride  
Concen: 8.061 ug/l  
RT: 2.365 min Scan# 140  
Delta R.T. -0.081 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

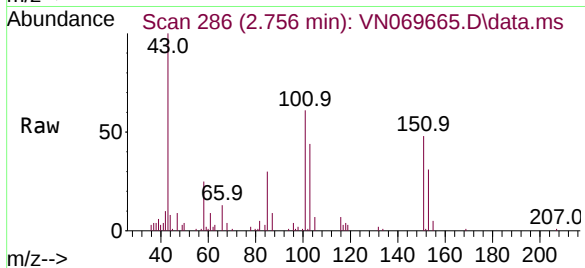
Tgt Ion: 62 Resp: 25  
Ion Ratio Lower Upper  
62 100  
64 0.0 25.8 38.6#



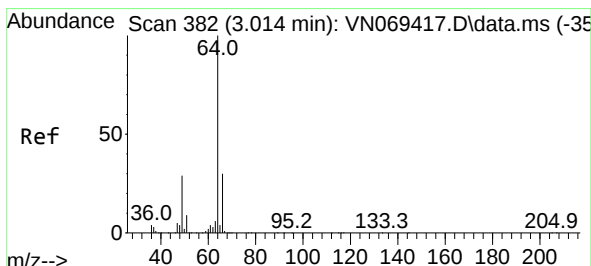
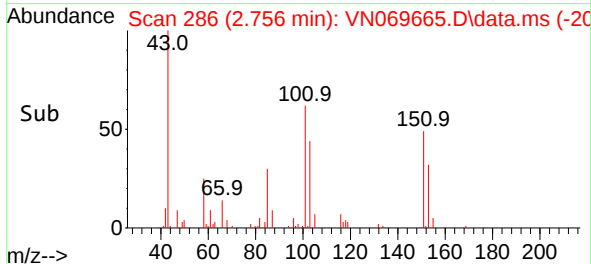
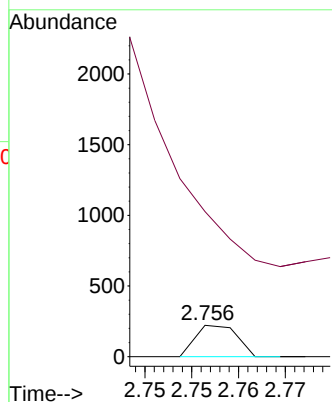


#5  
Bromomethane  
Concen: 34.256 ug/l  
RT: 2.756 min Scan# 21  
Delta R.T. -0.089 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Instrument :  
MSVOA\_N  
ClientSampleId :

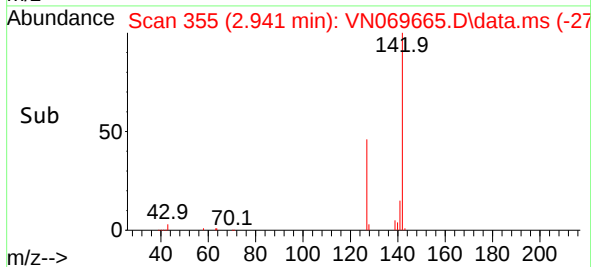
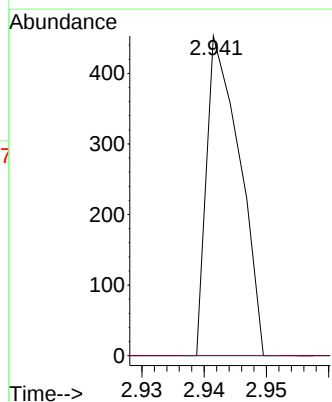
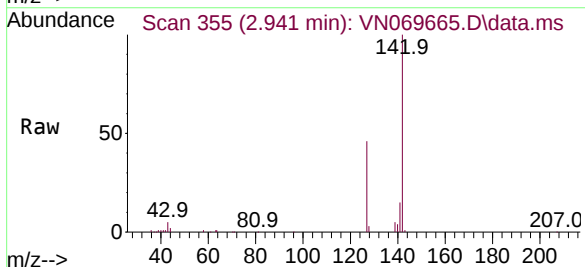


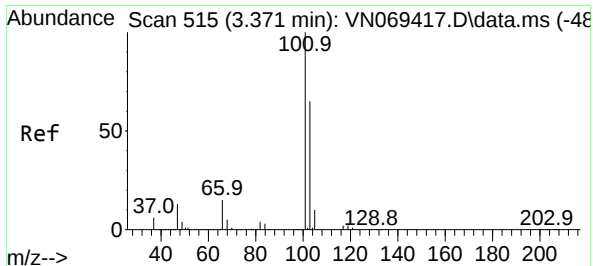
Tgt Ion: 94 Resp: 69  
Ion Ratio Lower Upper  
94 100  
96 175.7 73.8 110.8#



#6  
Chloroethane  
Concen: 79.296 ug/l  
RT: 2.941 min Scan# 355  
Delta R.T. -0.073 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Tgt Ion: 64 Resp: 166  
Ion Ratio Lower Upper  
64 100  
66 0.0 26.3 39.5#

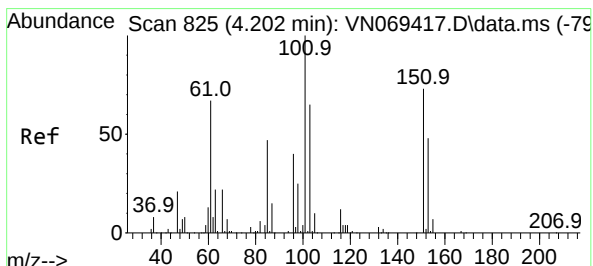
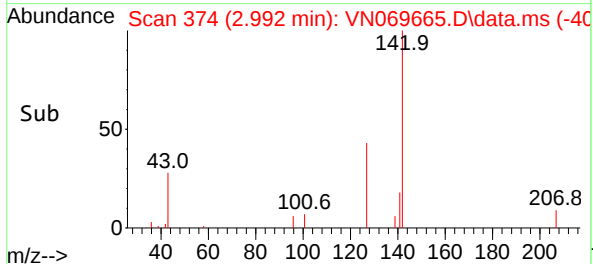
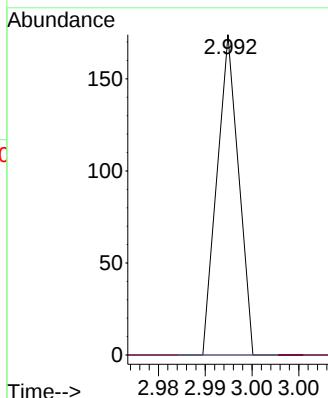
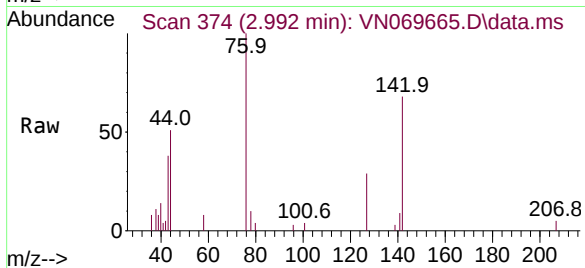




#7  
 Trichlorofluoromethane  
 Concen: 5.841 ug/l  
 RT: 2.992 min Scan# 31  
 Delta R.T. -0.379 min  
 Lab File: VN069665.D  
 Acq: 29 Nov 2021 15:47

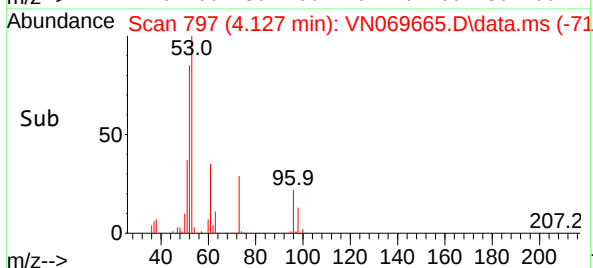
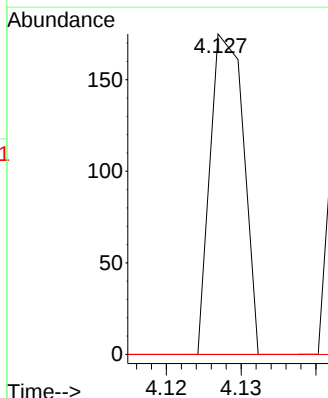
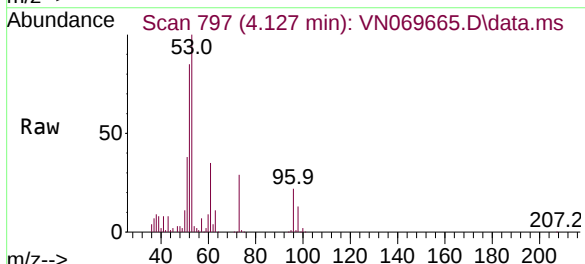
Instrument :  
 MSVOA\_N  
 ClientSampleId :

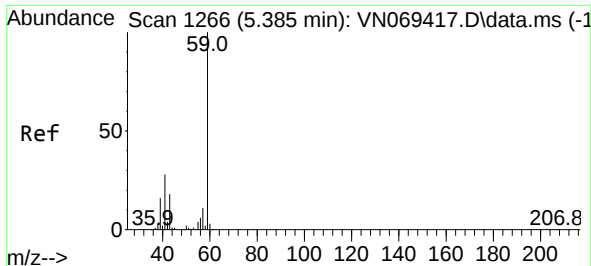
Tgt Ion:101 Resp: 28  
 Ion Ratio Lower Upper  
 101 100  
 103 0.0 50.1 75.1#



#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 23.916 ug/l  
 RT: 4.127 min Scan# 797  
 Delta R.T. -0.075 min  
 Lab File: VN069665.D  
 Acq: 29 Nov 2021 15:47

Tgt Ion:101 Resp: 54  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 37.2 55.8#  
 151 0.0 65.9 98.9#





#11

Tert butyl alcohol

Concen: 130887.752 ug/l

RT: 5.345 min Scan# 1

Delta R.T. -0.040 min

Lab File: VN069665.D

Acq: 29 Nov 2021 15:47

Instrument :

MSVOA\_N

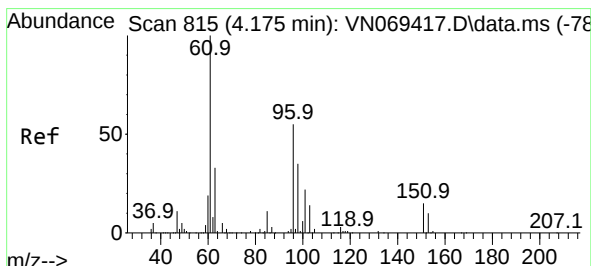
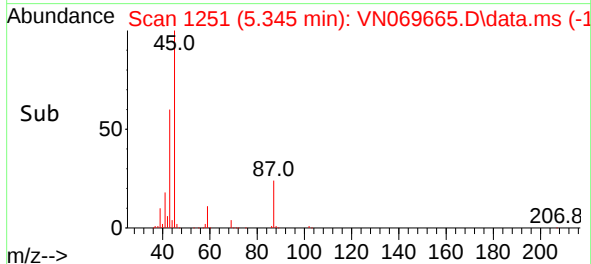
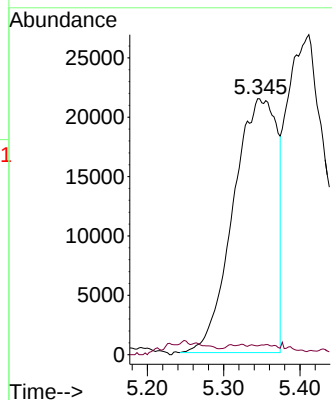
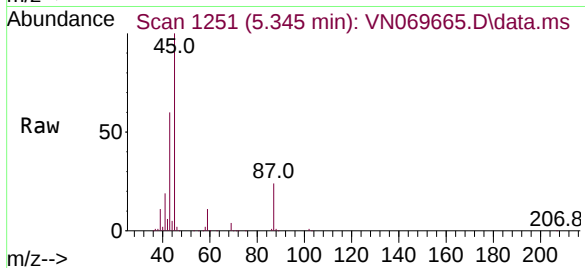
ClientSampleId :

Tgt Ion: 59 Resp: 85494

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#12

1,1-Dichloroethene

Concen: 85512.826 ug/l

RT: 4.156 min Scan# 808

Delta R.T. -0.019 min

Lab File: VN069665.D

Acq: 29 Nov 2021 15:47

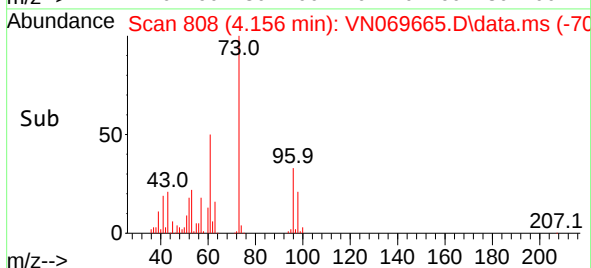
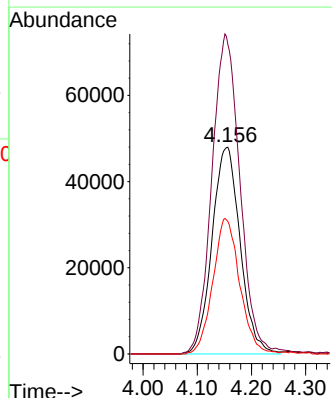
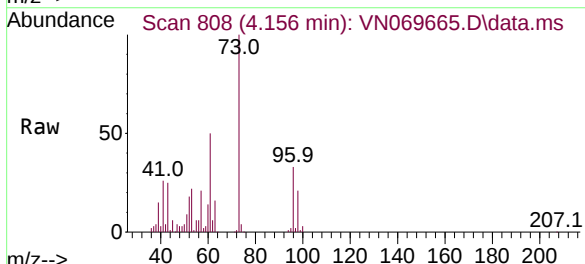
Tgt Ion: 96 Resp: 173270

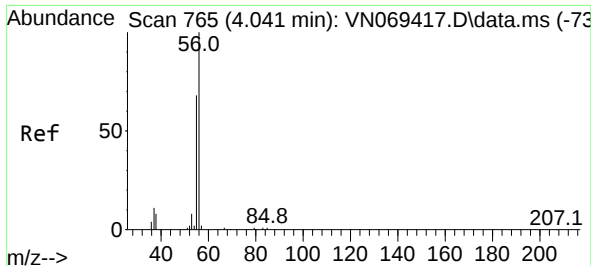
Ion Ratio Lower Upper

96 100

61 149.7 131.0 196.6

98 64.1 52.4 78.6

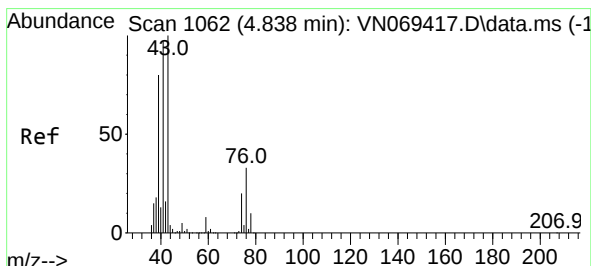
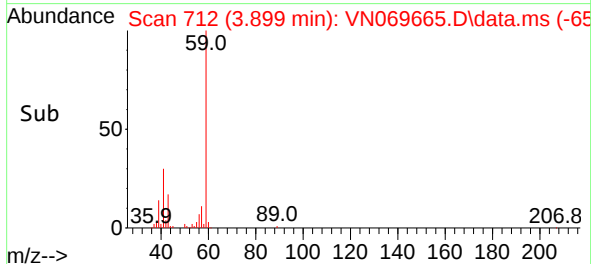
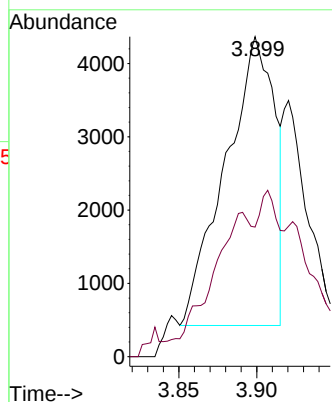
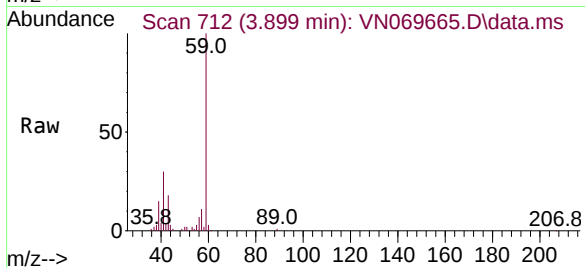




#13  
Acrolein  
Concen: 96561.125 ug/l  
RT: 3.899 min Scan# 712  
Delta R.T. -0.142 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

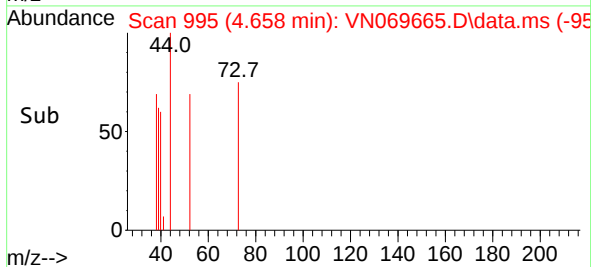
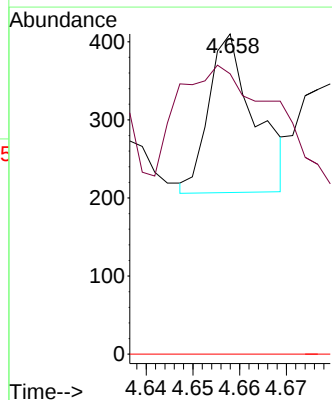
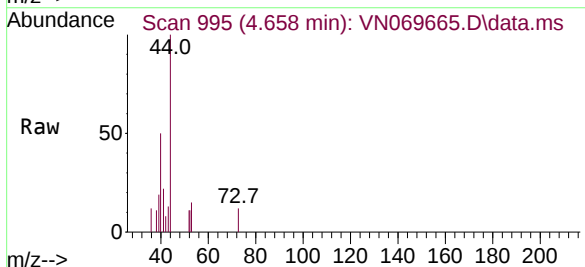
Instrument :  
MSVOA\_N  
ClientSampleId :

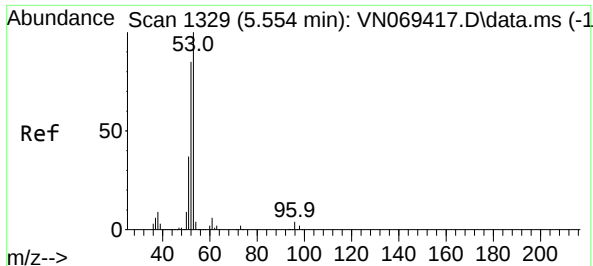
Tgt Ion: 56 Resp: 8696  
Ion Ratio Lower Upper  
56 100  
55 34.5 56.6 85.0#



#14  
Allyl chloride  
Concen: 31.028 ug/l  
RT: 4.658 min Scan# 995  
Delta R.T. -0.180 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Tgt Ion: 41 Resp: 139  
Ion Ratio Lower Upper  
41 100  
39 255.4 61.2 91.8#  
76 0.0 26.0 39.0#

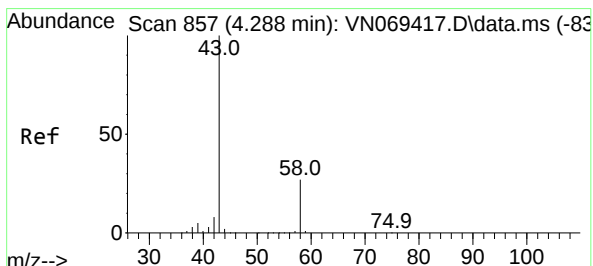
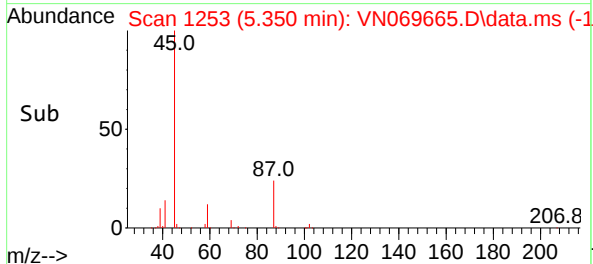
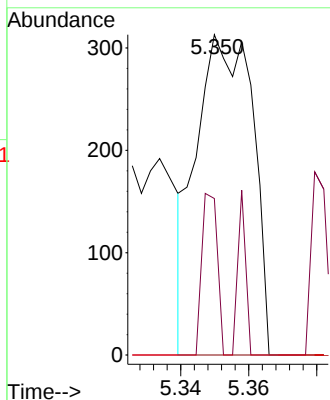
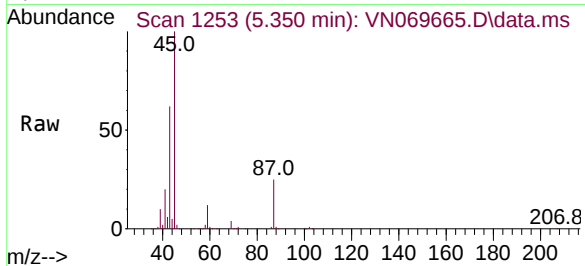




#15  
Acrylonitrile  
Concen: 214.623 ug/l  
RT: 5.350 min Scan# 11  
Delta R.T. -0.204 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

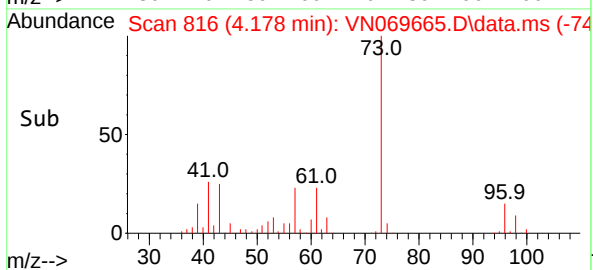
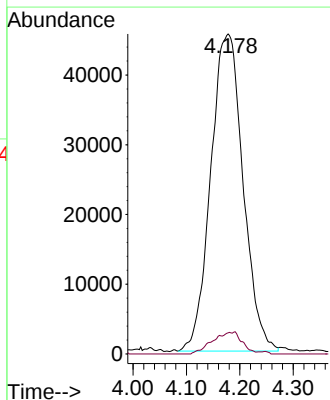
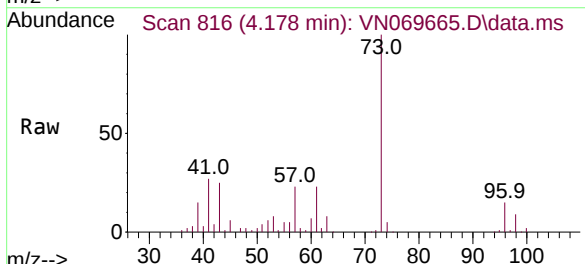
Instrument :  
MSVOA\_N  
ClientSampleId :

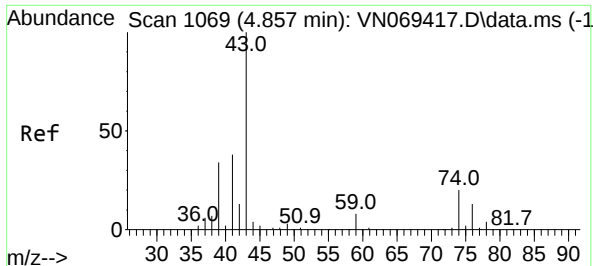
Tgt Ion: 53 Resp: 359  
Ion Ratio Lower Upper  
53 100  
52 13.9 66.2 99.2#  
51 0.0 29.6 44.4#



#16  
Acetone  
Concen: 97918.942 ug/l  
RT: 4.178 min Scan# 816  
Delta R.T. -0.110 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Tgt Ion: 43 Resp: 191507  
Ion Ratio Lower Upper  
43 100  
58 6.7 23.1 34.7#

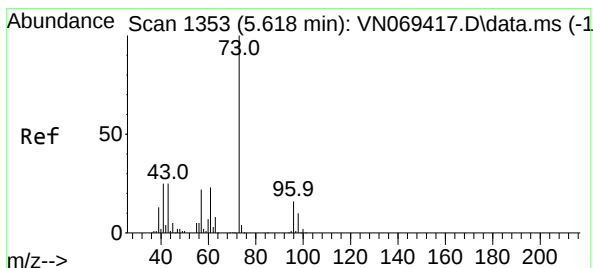
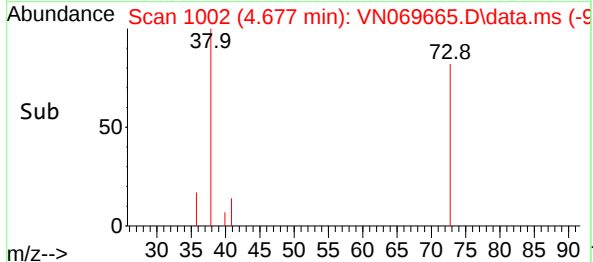
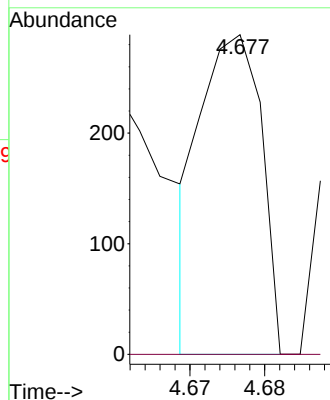
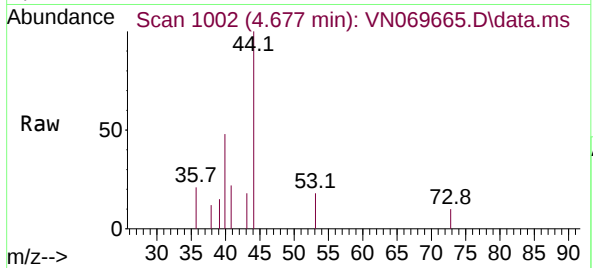




#18  
Methyl Acetate  
Concen: 25.481 ug/l  
RT: 4.677 min Scan# 1069  
Delta R.T. -0.180 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

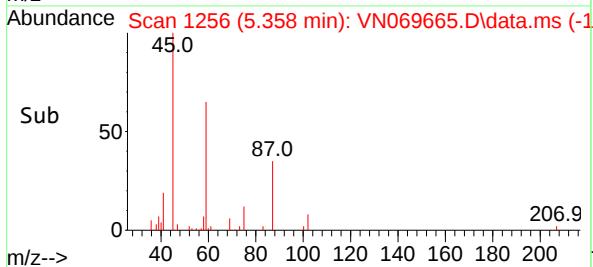
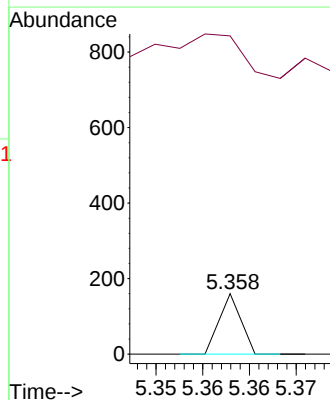
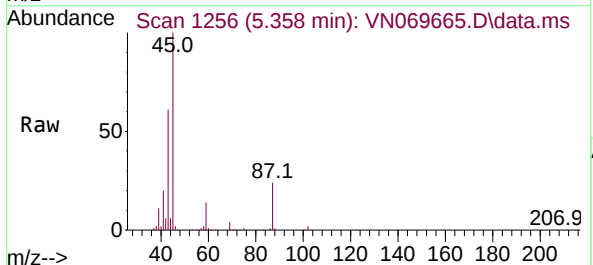
Instrument :  
MSVOA\_N  
ClientSampleId :

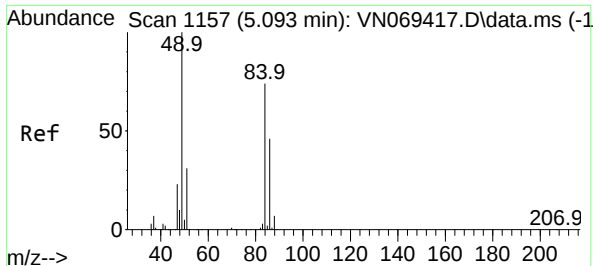
Tgt Ion: 43 Resp: 162  
Ion Ratio Lower Upper  
43 100  
74 0.0 19.4 29.2#



#19  
Methyl tert-butyl Ether  
Concen: 3.032 ug/l  
RT: 5.358 min Scan# 1256  
Delta R.T. -0.260 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

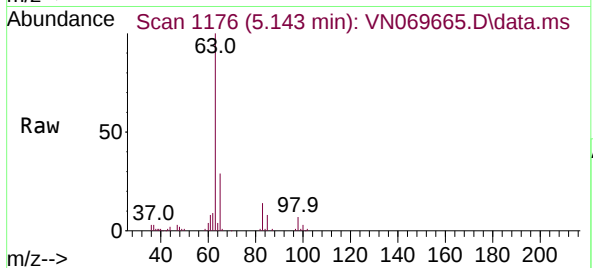
Tgt Ion: 73 Resp: 26  
Ion Ratio Lower Upper  
73 100  
57 70.6 16.8 25.2#



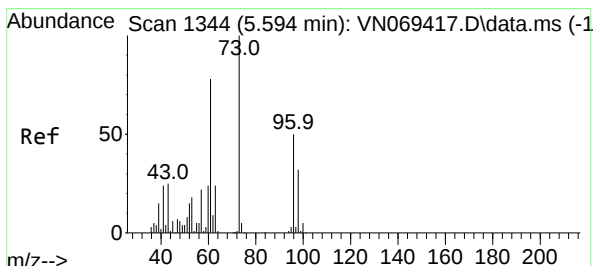
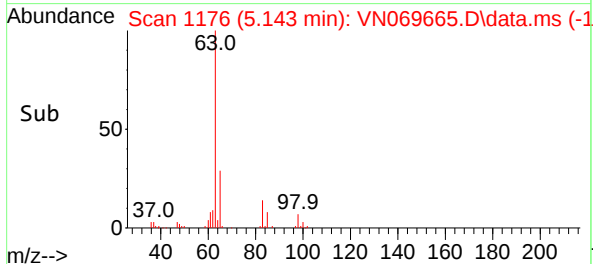
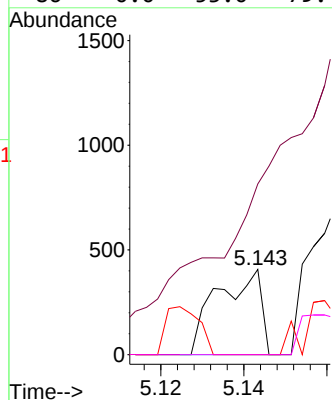


#20  
Methylene Chloride  
Concen: 107.452 ug/l  
RT: 5.143 min Scan# 1157  
Delta R.T. 0.050 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Instrument :  
MSVOA\_N  
ClientSampleId :

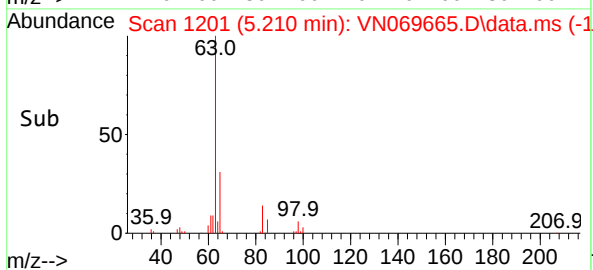
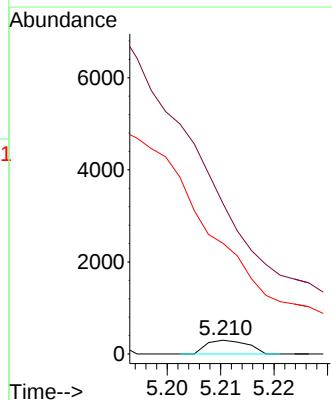
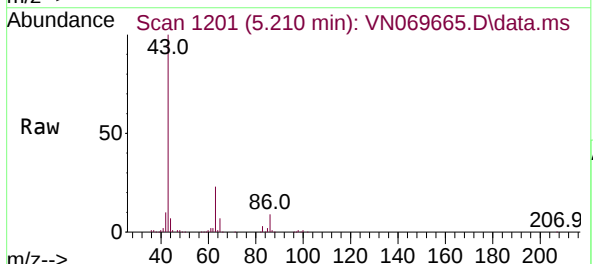


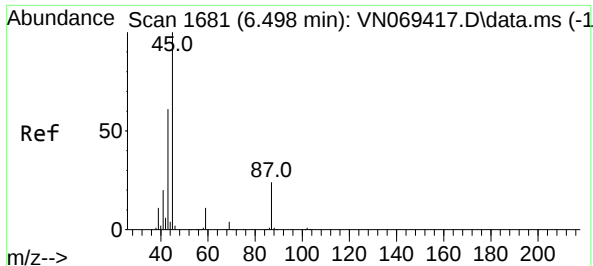
Tgt Ion: 84 Resp: 298  
Ion Ratio Lower Upper  
84 100  
49 98.5 93.5 140.3  
51 0.0 29.4 44.2#  
86 0.0 53.0 79.4#



#21  
trans-1,2-Dichloroethene  
Concen: 70.255 ug/l  
RT: 5.210 min Scan# 1201  
Delta R.T. -0.384 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Tgt Ion: 96 Resp: 159  
Ion Ratio Lower Upper  
96 100  
61 525.3 105.8 158.6#  
98 426.9 52.0 78.0#





#22

Diisopropyl ether

Concen: 1515.639 ug/l

RT: 6.490 min Scan# 1

Delta R.T. -0.008 min

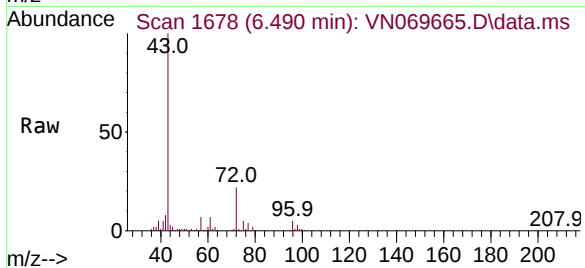
Lab File: VN069665.D

Acq: 29 Nov 2021 15:47

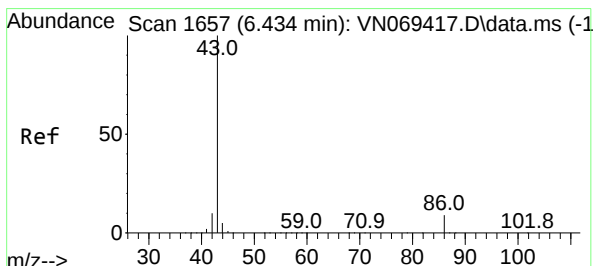
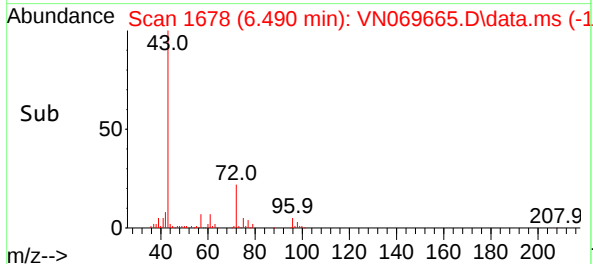
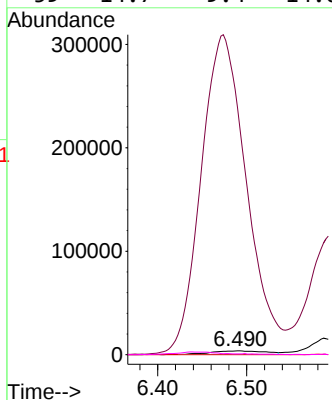
Instrument :

MSVOA\_N

ClientSampleId :



|           |        |       |       |
|-----------|--------|-------|-------|
| Tgt Ion:  | 45     | Resp: | 14626 |
| Ion Ratio | Lower  | Upper |       |
| 45        | 100    |       |       |
| 43        | 6243.0 | 51.7  | 77.5# |
| 87        | 0.0    | 23.2  | 34.8# |
| 59        | 14.7   | 9.4   | 14.0# |



#23

Vinyl Acetate

Concen: 92481.719 ug/l

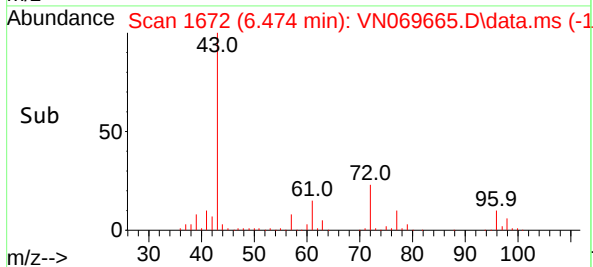
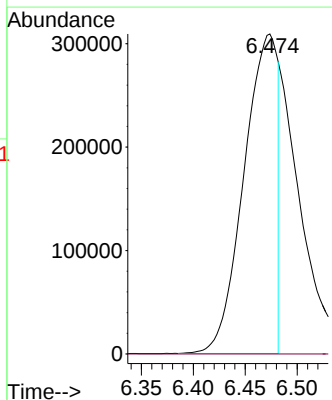
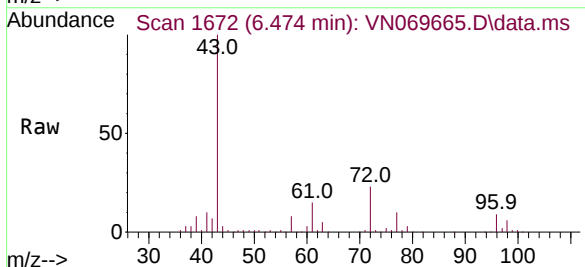
RT: 6.474 min Scan# 1672

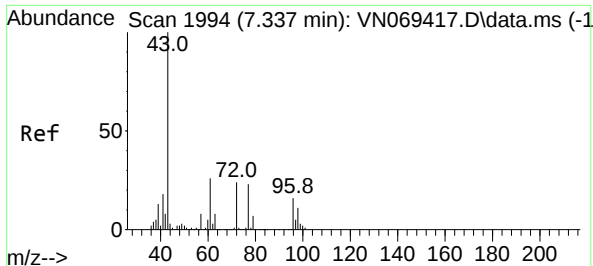
Delta R.T. 0.040 min

Lab File: VN069665.D

Acq: 29 Nov 2021 15:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 690258 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 86        | 0.0   | 8.5   | 12.7#  |





#25

2-Butanone

Concen: 52481.371 ug/l

RT: 6.943 min Scan# 11

Delta R.T. -0.394 min

Lab File: VN069665.D

Acq: 29 Nov 2021 15:47

Instrument :

MSVOA\_N

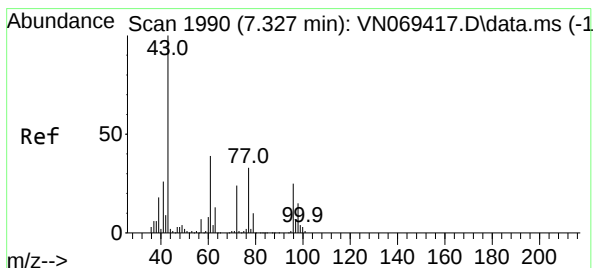
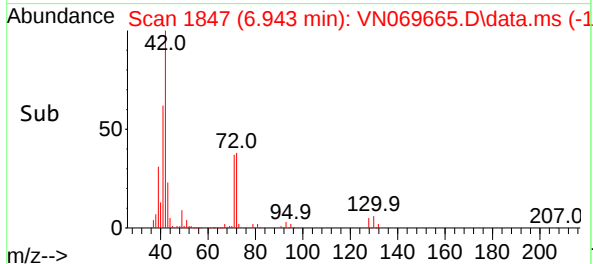
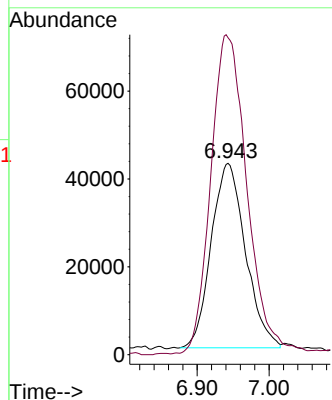
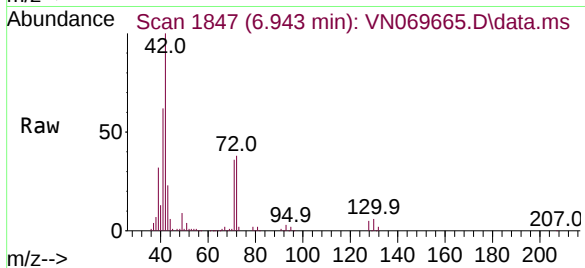
ClientSampleId :

Tgt Ion: 43 Resp: 138985

Ion Ratio Lower Upper

43 100

72 170.9 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 7.801 ug/l

RT: 6.830 min Scan# 1805

Delta R.T. -0.497 min

Lab File: VN069665.D

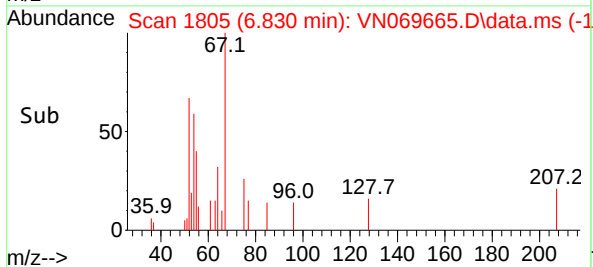
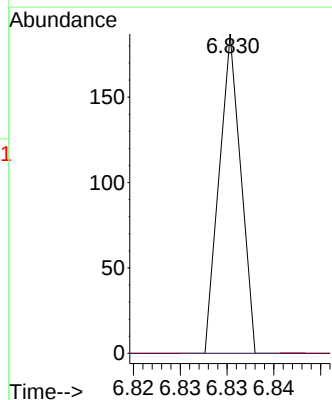
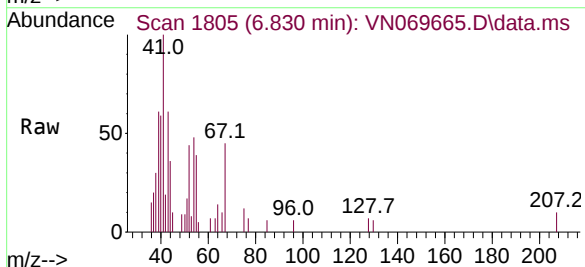
Acq: 29 Nov 2021 15:47

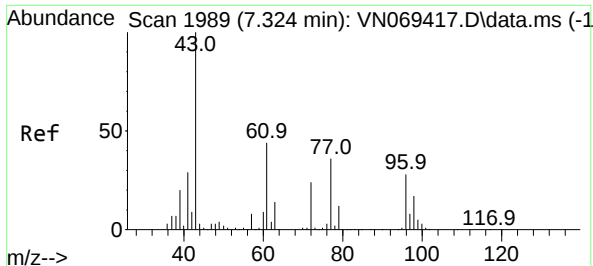
Tgt Ion: 77 Resp: 30

Ion Ratio Lower Upper

77 100

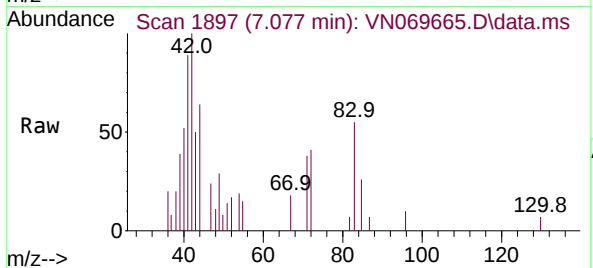
97 0.0 11.6 34.8#



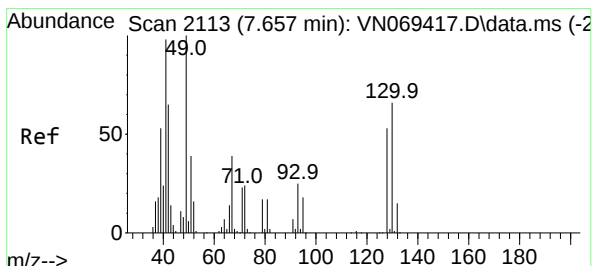
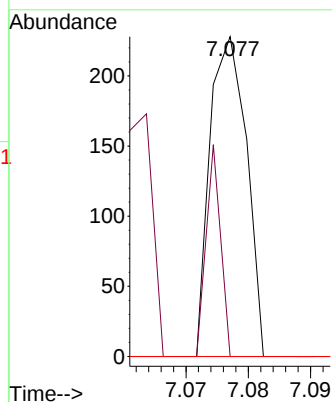
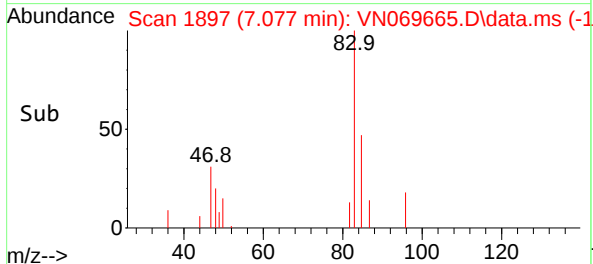


#27  
 cis-1,2-Dichloroethene  
 Concen: 33.149 ug/l  
 RT: 7.077 min Scan# 11  
 Delta R.T. -0.247 min  
 Lab File: VN069665.D  
 Acq: 29 Nov 2021 15:47

Instrument :  
 MSVOA\_N  
 ClientSampleId :

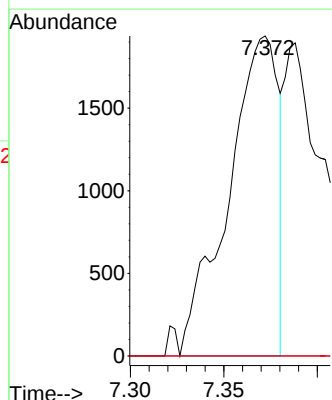
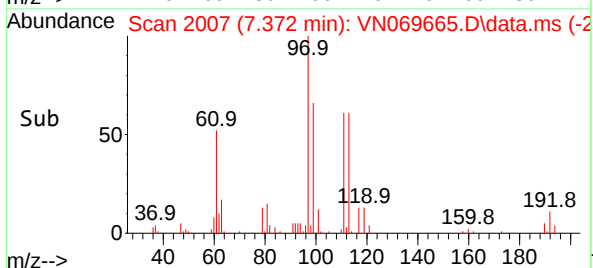
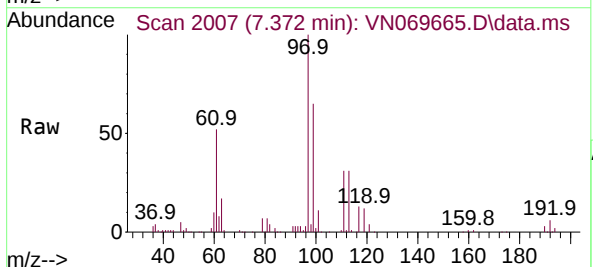


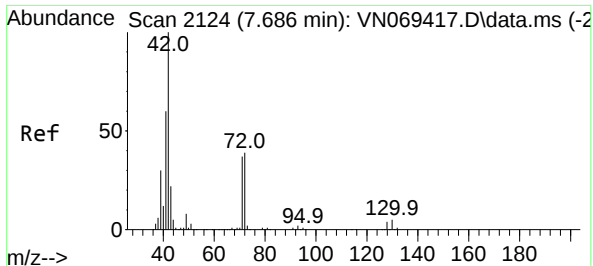
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 93    |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 0.0   | 0.0   | 275.0 |
| 98       | 0.0   | 0.0   | 129.6 |



#28  
 Bromochloromethane  
 Concen: 1433.392 ug/l  
 RT: 7.372 min Scan# 2007  
 Delta R.T. -0.285 min  
 Lab File: VN069665.D  
 Acq: 29 Nov 2021 15:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 49    | Resp: | 3608   |
| Ion      | Ratio | Lower | Upper  |
| 49       | 100   |       |        |
| 129      | 0.0   | 0.0   | 4.0    |
| 130      | 0.0   | 67.8  | 101.8# |





#29

Tetrahydrofuran

Concen: 49362.492 ug/l

RT: 7.479 min Scan# 2047

Delta R.T. -0.207 min

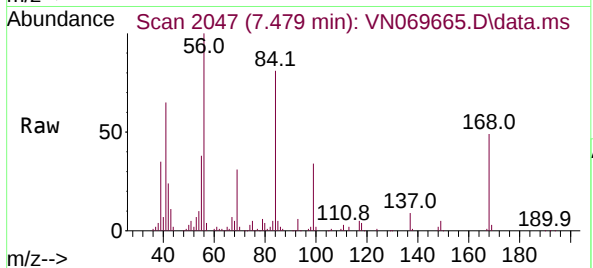
Lab File: VN069665.D

Acq: 29 Nov 2021 15:47

Instrument :

MSVOA\_N

ClientSampleId :



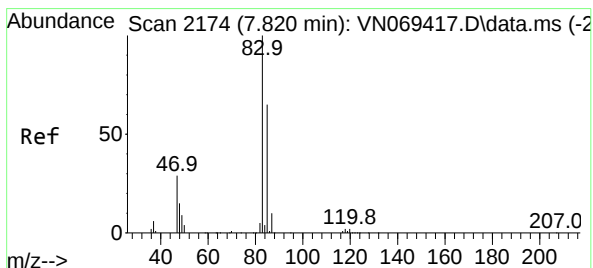
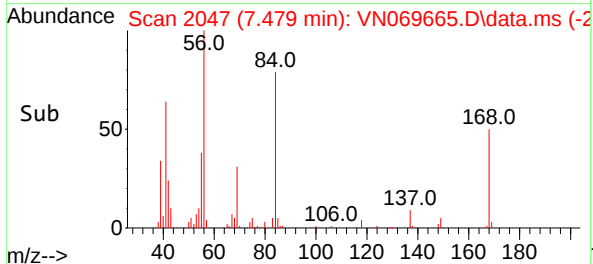
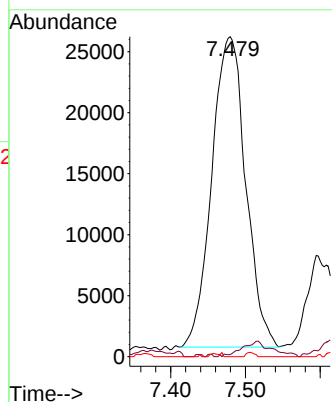
Tgt Ion: 42 Resp: 80223

Ion Ratio Lower Upper

42 100

72 0.0 36.3 54.5#

71 0.0 34.7 52.1#



#30

Chloroform

Concen: 4531.251 ug/l

RT: 7.651 min Scan# 2111

Delta R.T. -0.169 min

Lab File: VN069665.D

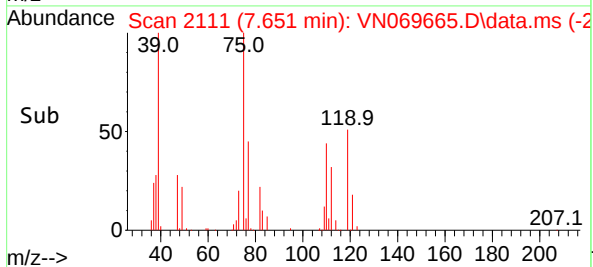
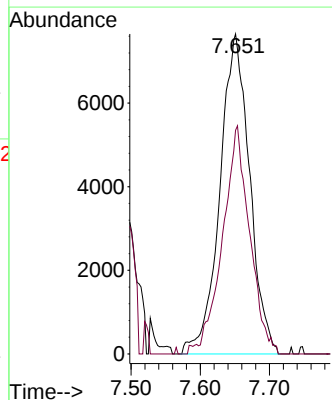
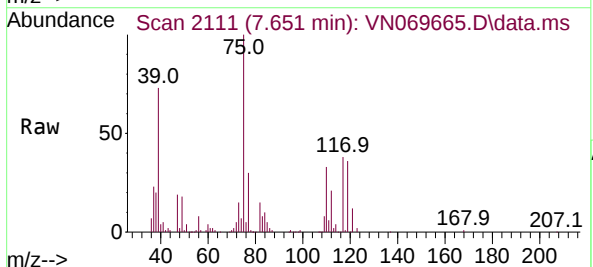
Acq: 29 Nov 2021 15:47

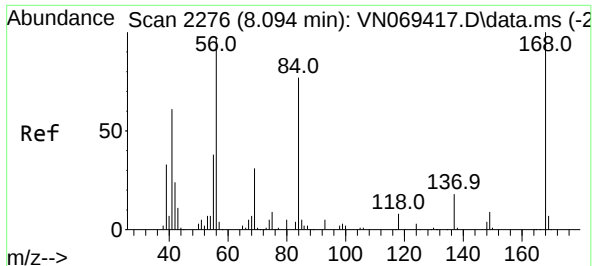
Tgt Ion: 83 Resp: 22833

Ion Ratio Lower Upper

83 100

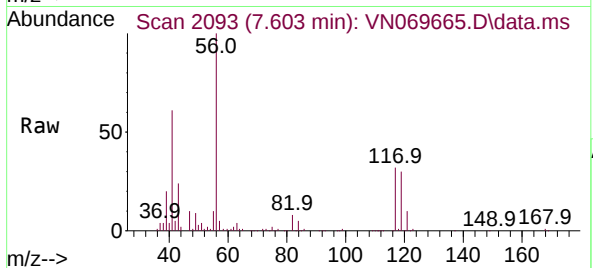
85 69.9 51.9 77.9



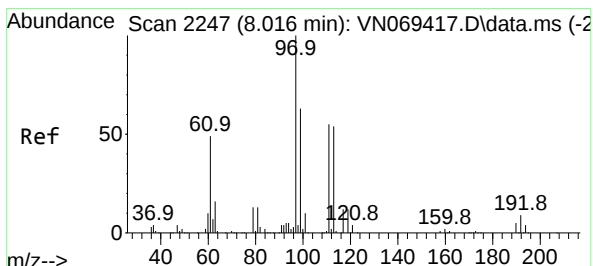
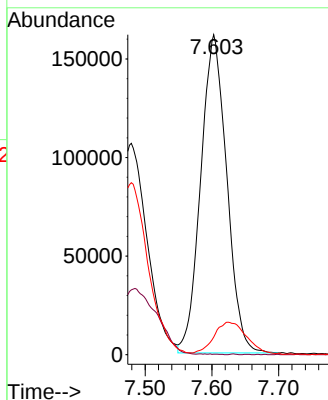
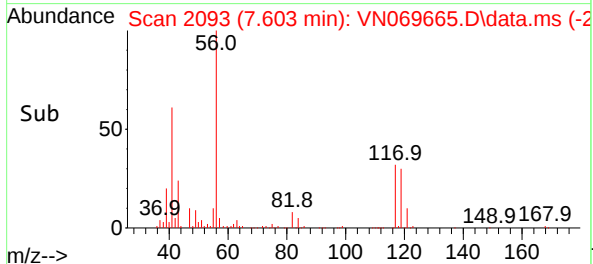


#31  
Cyclohexane  
Concen: 88374.429 ug/l  
RT: 7.603 min Scan# 2093  
Delta R.T. -0.491 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Instrument :  
MSVOA\_N  
ClientSampleId :

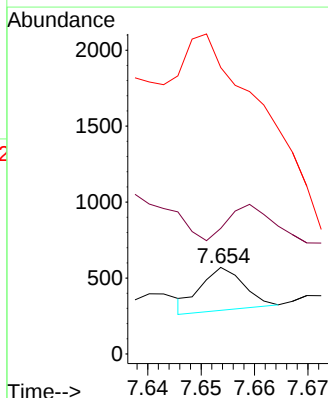
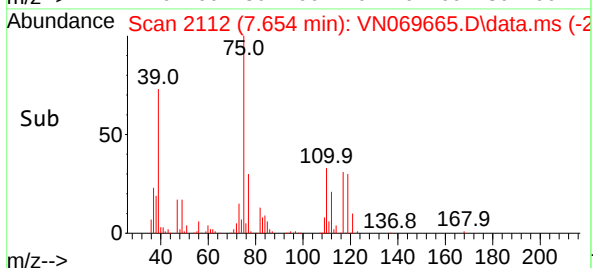
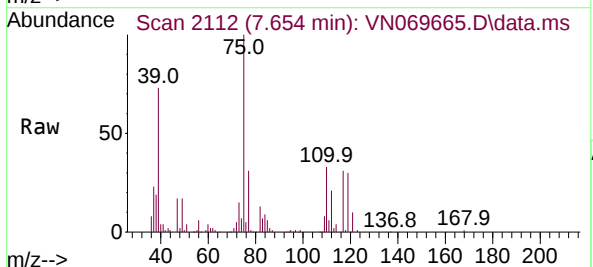


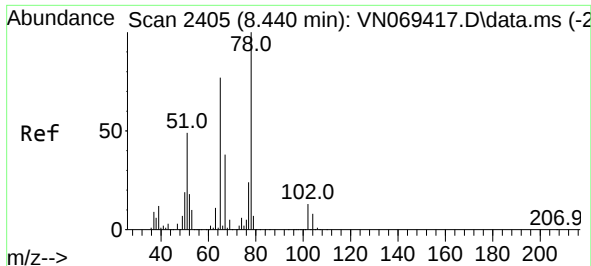
Tgt Ion: 56 Resp: 437652  
Ion Ratio Lower Upper  
56 100  
69 0.1 27.1 40.7#  
84 5.0 73.4 110.0#



#32  
1,1,1-Trichloroethane  
Concen: 38.040 ug/l  
RT: 7.654 min Scan# 2112  
Delta R.T. -0.362 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Tgt Ion: 97 Resp: 160  
Ion Ratio Lower Upper  
97 100  
99 0.0 50.1 75.1#  
61 2333.8 35.2 52.8#





#33

1,2-Dichloroethane-d4

Concen: 214056.253 ug/l

RT: 7.930 min Scan# 2115

Delta R.T. -0.510 min

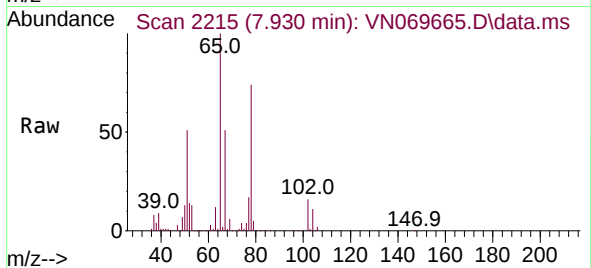
Lab File: VN069665.D

Acq: 29 Nov 2021 15:47

Instrument :

MSVOA\_N

ClientSampleId :

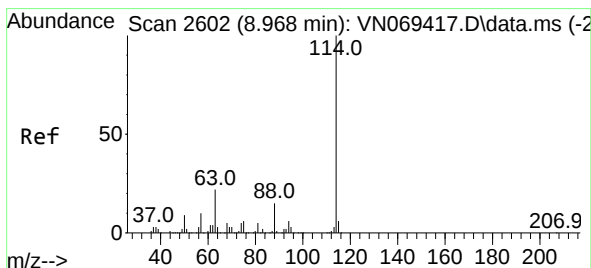
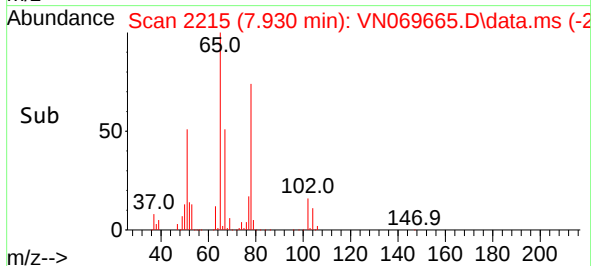
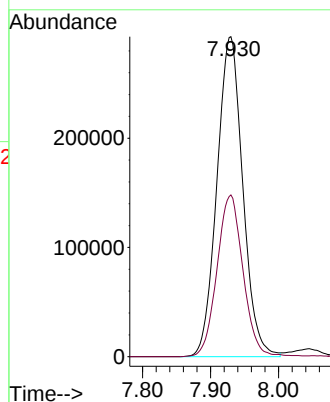


Tgt Ion: 65 Resp: 775926

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.587 min Scan# 2460

Delta R.T. -0.381 min

Lab File: VN069665.D

Acq: 29 Nov 2021 15:47

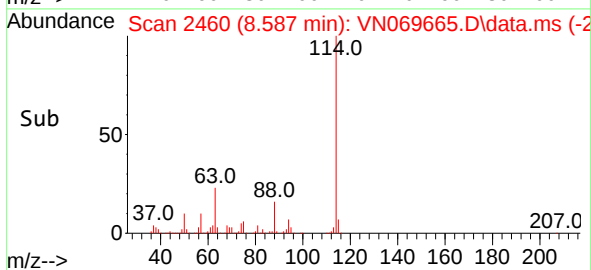
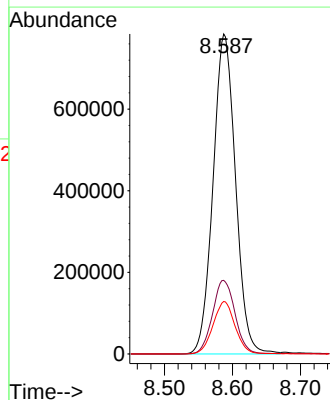
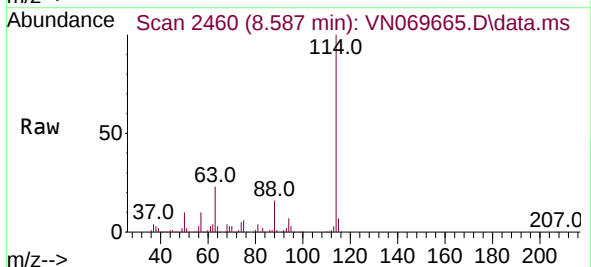
Tgt Ion: 114 Resp: 1799727

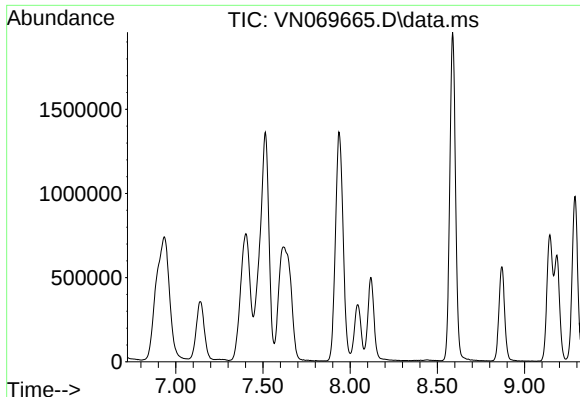
Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.8

88 16.4 0.0 27.4

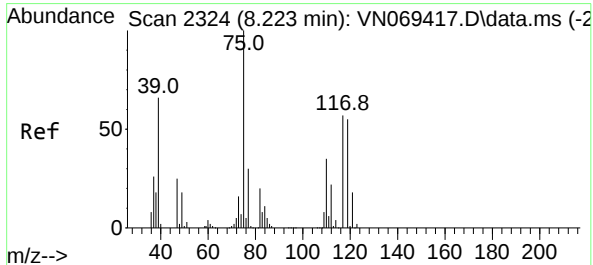
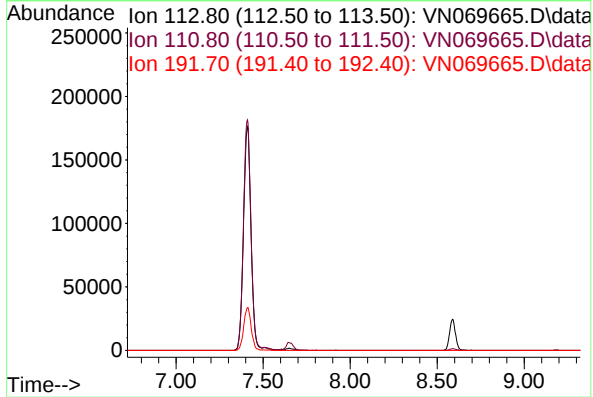




#35  
 Dibromofluoromethane  
 Concen: 0.000 ug/l  
 Expected RT: 8.02 min  
 Lab File: VN069665.D  
 Acq: 29 Nov 2021 15:47

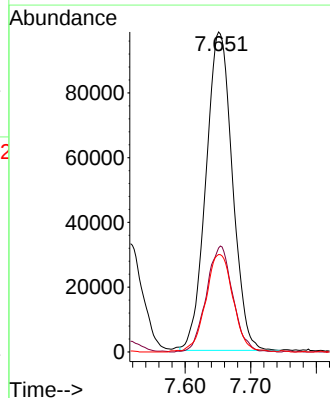
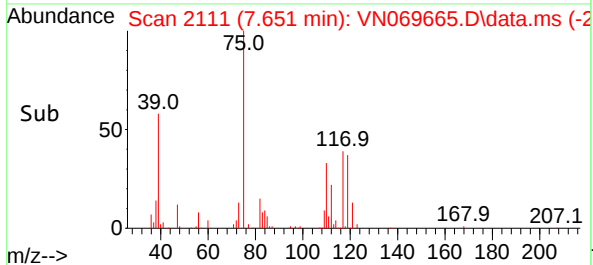
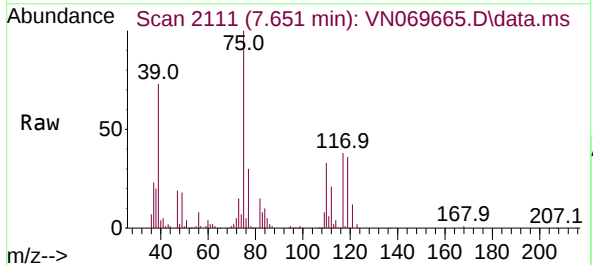
Instrument :  
 MSVOA\_N  
 ClientSampleId :

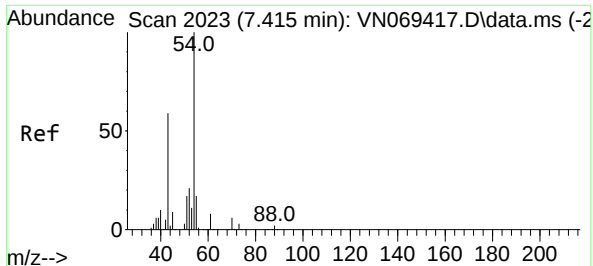
Tgt Ion: 113  
 Sig Exp Ratio  
 113 100  
 111 102.7  
 192 21.1



#36  
 1,1-Dichloropropene  
 Concen: 18.198 ug/l  
 RT: 7.651 min Scan# 2111  
 Delta R.T. -0.572 min  
 Lab File: VN069665.D  
 Acq: 29 Nov 2021 15:47

Tgt Ion: 75 Resp: 275588  
 Ion Ratio Lower Upper  
 75 100  
 110 32.4 18.4 55.2  
 77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 6.789 ug/l

RT: 6.943 min Scan# 11

Delta R.T. -0.472 min

Lab File: VN069665.D

Acq: 29 Nov 2021 15:47

Instrument :

MSVOA\_N

ClientSampleId :

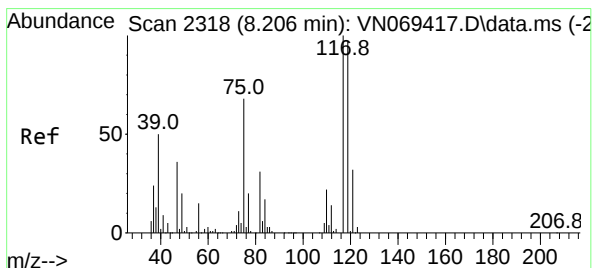
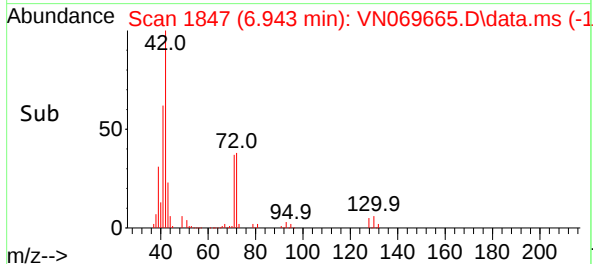
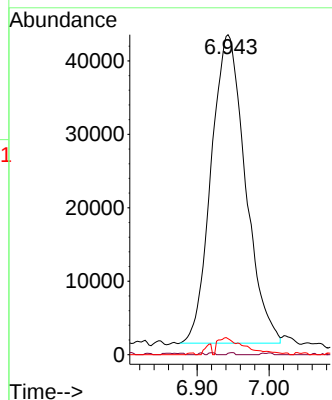
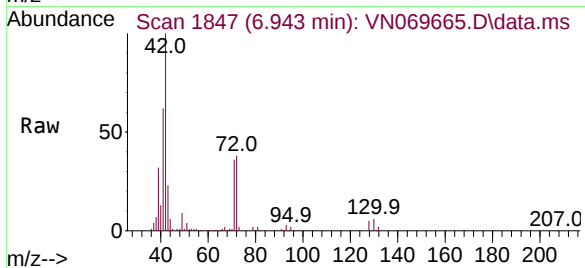
Tgt Ion: 43 Resp: 138985

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 4.4 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 18.974 ug/l

RT: 7.624 min Scan# 2101

Delta R.T. -0.582 min

Lab File: VN069665.D

Acq: 29 Nov 2021 15:47

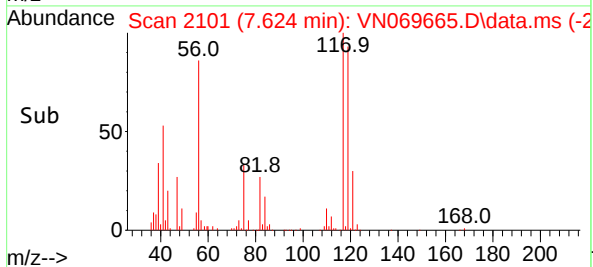
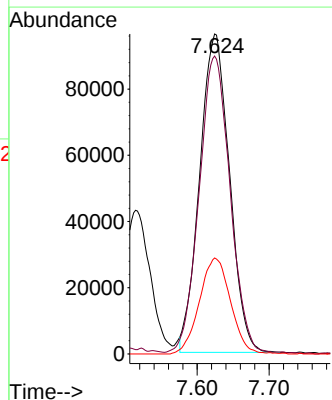
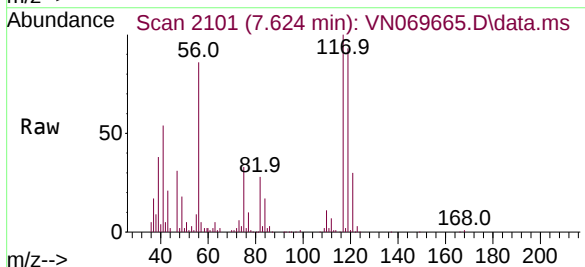
Tgt Ion: 117 Resp: 277409

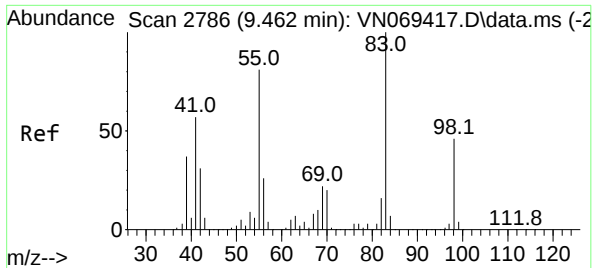
Ion Ratio Lower Upper

117 100

119 93.0 76.1 114.1

121 30.0 24.2 36.2





#39

Methylcyclohexane

Concen: 16.990 ug/l

RT: 9.145 min Scan# 2

Delta R.T. -0.317 min

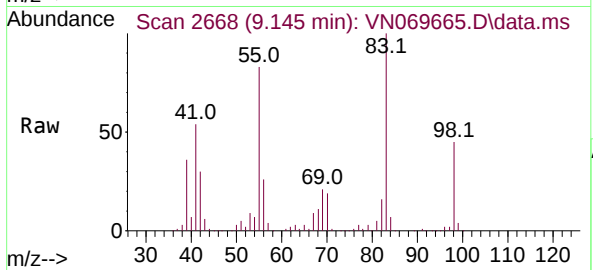
Lab File: VN069665.D

Acq: 29 Nov 2021 15:47

Instrument :

MSVOA\_N

ClientSampleId :



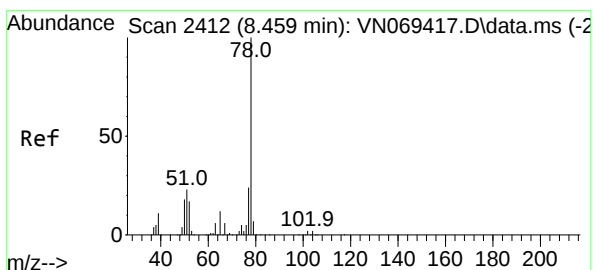
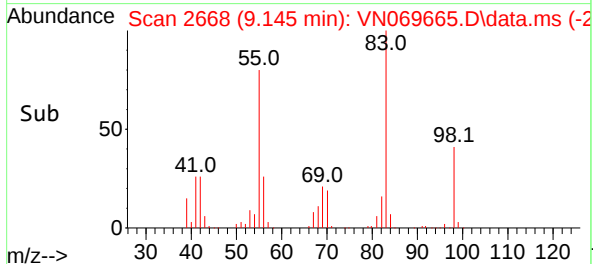
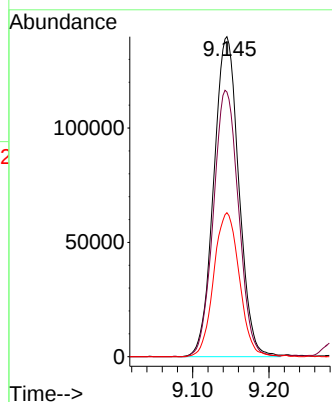
Tgt Ion: 83 Resp: 320069

Ion Ratio Lower Upper

83 100

55 82.7 58.1 87.1

98 45.0 38.4 57.6



#40

Benzene

Concen: 18.892 ug/l

RT: 7.946 min Scan# 2221

Delta R.T. -0.513 min

Lab File: VN069665.D

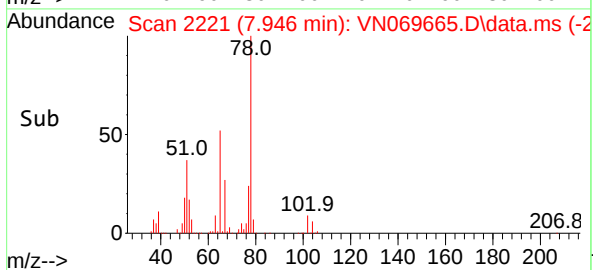
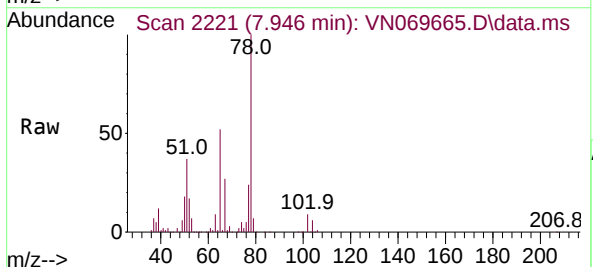
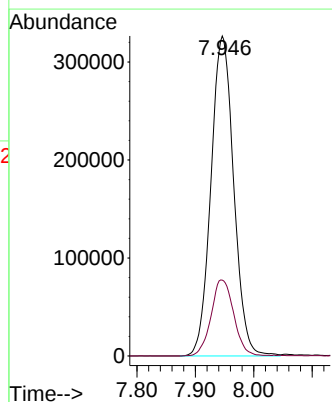
Acq: 29 Nov 2021 15:47

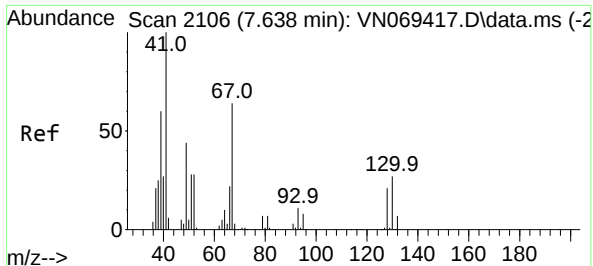
Tgt Ion: 78 Resp: 883073

Ion Ratio Lower Upper

78 100

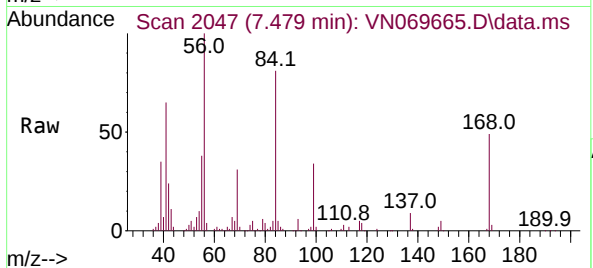
77 23.7 18.6 27.8



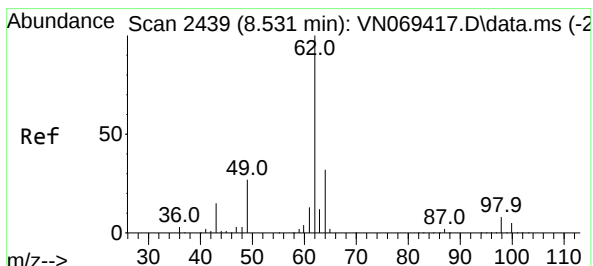
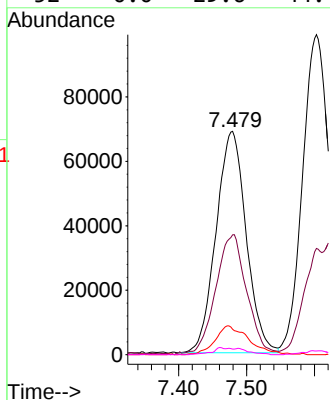
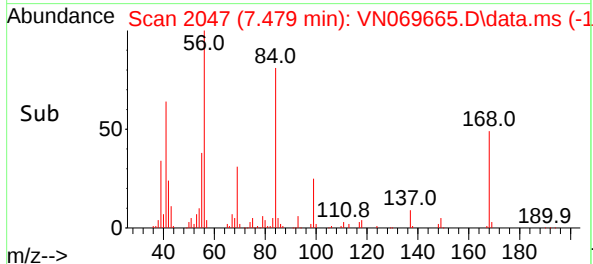


#41  
Methacrylonitrile  
Concen: 20.028 ug/l  
RT: 7.479 min Scan# 2106  
Delta R.T. -0.159 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Instrument :  
MSVOA\_N  
ClientSampleId :

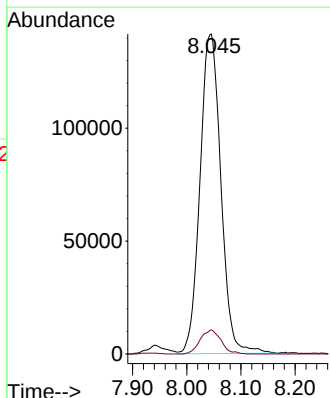
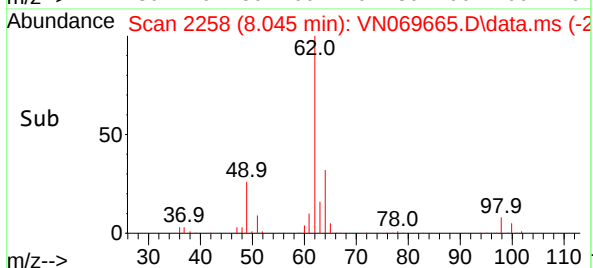
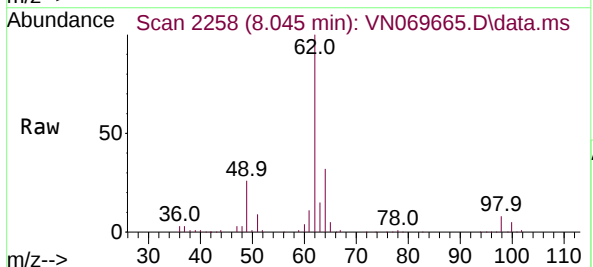


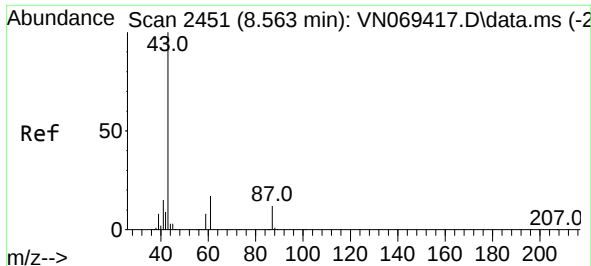
Tgt Ion: 41 Resp: 211846  
Ion Ratio Lower Upper  
41 100  
39 53.7 48.1 72.1  
67 14.4 68.3 102.5#  
52 0.0 29.6 44.4#



#42  
1,2-Dichloroethane  
Concen: 20.747 ug/l  
RT: 8.045 min Scan# 2258  
Delta R.T. -0.486 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

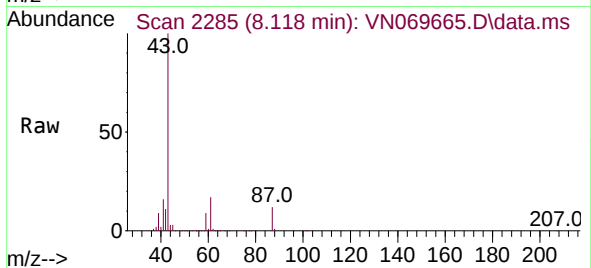
Tgt Ion: 62 Resp: 379724  
Ion Ratio Lower Upper  
62 100  
98 7.4 0.0 17.6



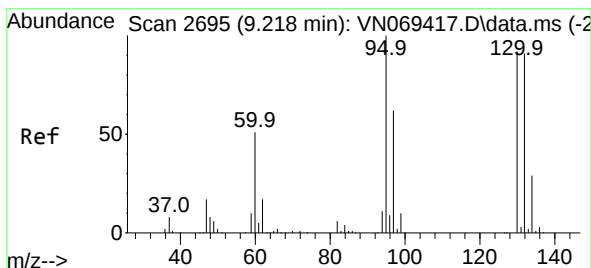
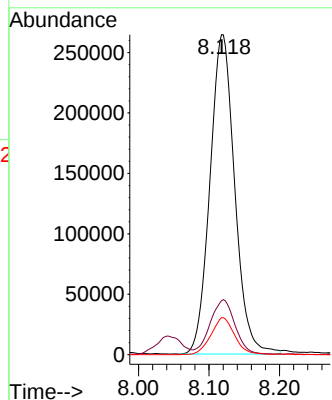
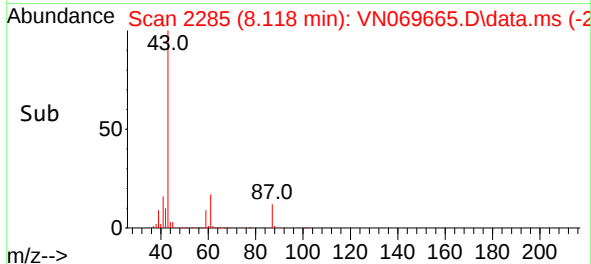


#43  
Isopropyl Acetate  
Concen: 19.612 ug/l  
RT: 8.118 min Scan# 21  
Delta R.T. -0.445 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Instrument :  
MSVOA\_N  
ClientSampleId :

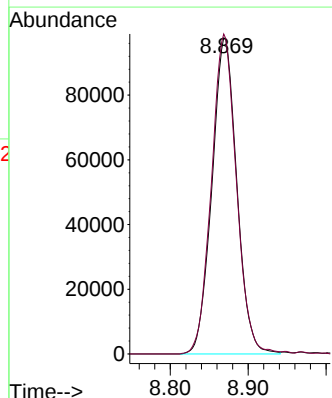
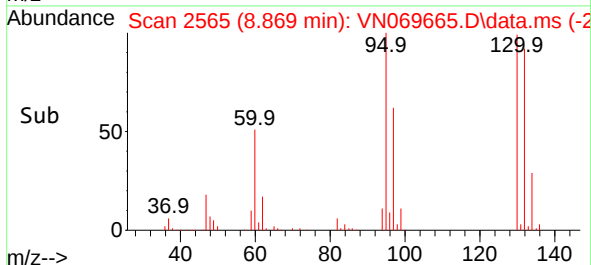
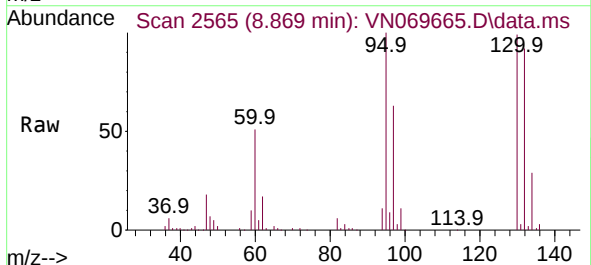


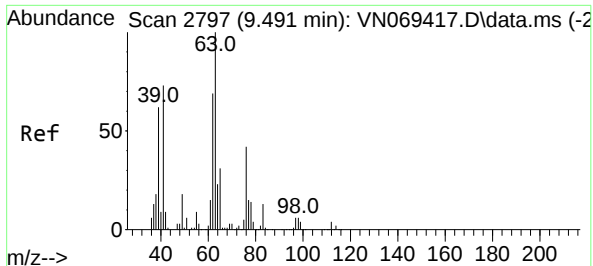
Tgt Ion: 43 Resp: 644853  
Ion Ratio Lower Upper  
43 100  
61 17.1 20.4 30.6#  
87 11.2 11.2 16.8#



#44  
Trichloroethene  
Concen: 19.346 ug/l  
RT: 8.869 min Scan# 2565  
Delta R.T. -0.349 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Tgt Ion:130 Resp: 216421  
Ion Ratio Lower Upper  
130 100  
95 101.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.855 ug/l

RT: 9.185 min Scan# 2

Delta R.T. -0.306 min

Lab File: VN069665.D

Acq: 29 Nov 2021 15:47

Instrument :

MSVOA\_N

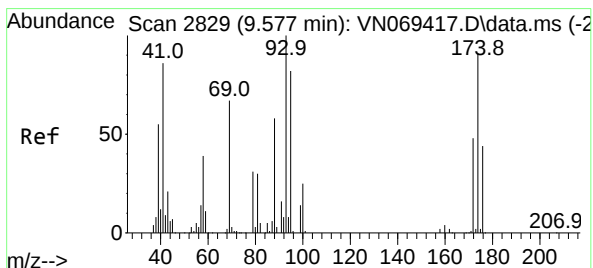
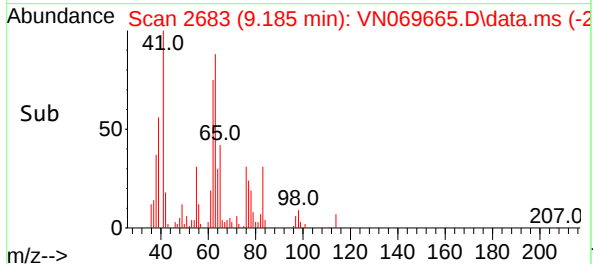
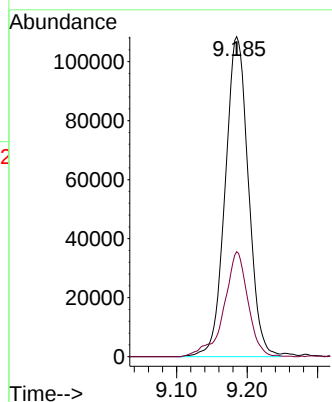
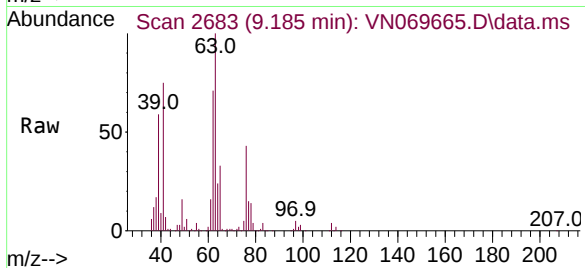
ClientSampleId :

Tgt Ion: 63 Resp: 247961

Ion Ratio Lower Upper

63 100

65 32.8 24.7 37.1



#46

Dibromomethane

Concen: 19.239 ug/l

RT: 9.284 min Scan# 2720

Delta R.T. -0.293 min

Lab File: VN069665.D

Acq: 29 Nov 2021 15:47

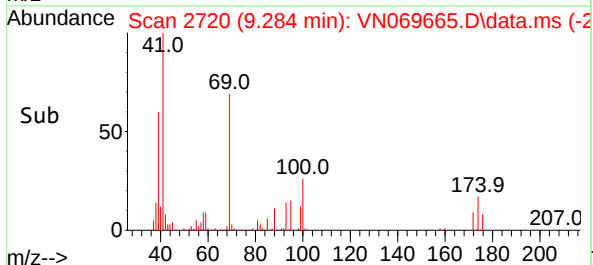
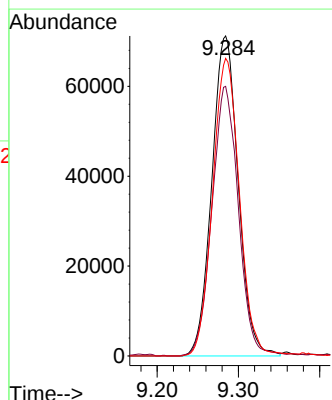
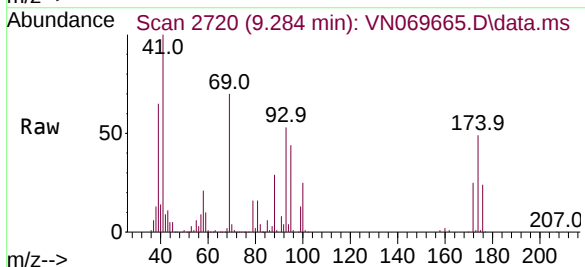
Tgt Ion: 93 Resp: 160934

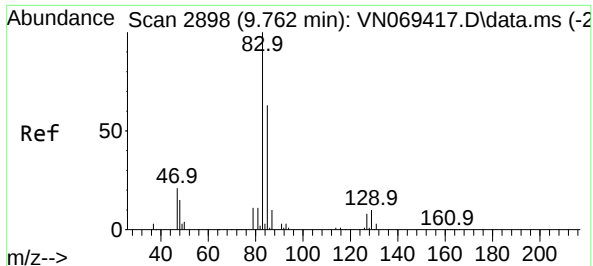
Ion Ratio Lower Upper

93 100

95 84.1 65.9 98.9

174 94.5 84.6 127.0

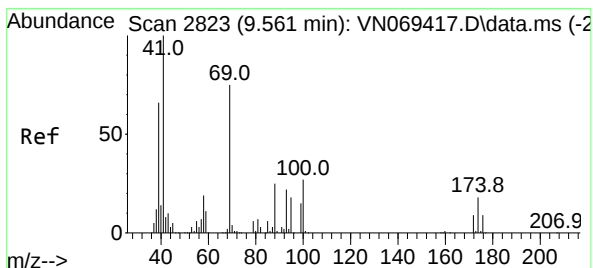
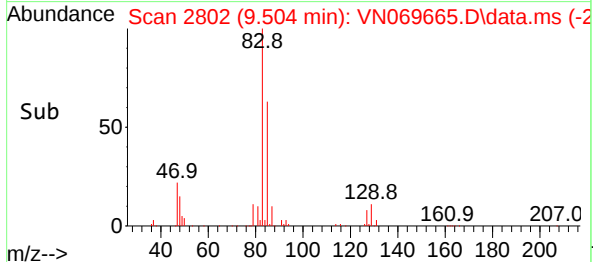
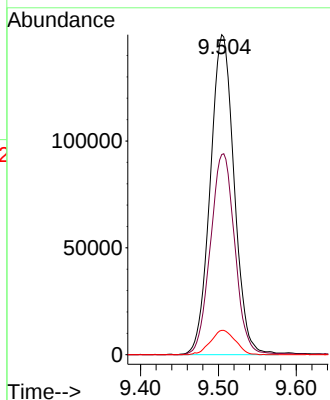
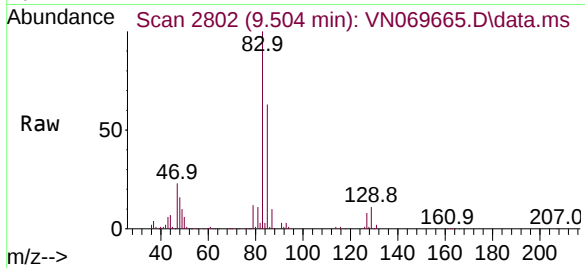




#47  
Bromodichloromethane  
Concen: 20.404 ug/l  
RT: 9.504 min Scan# 21  
Delta R.T. -0.258 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

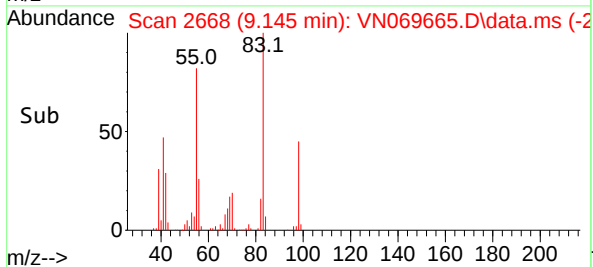
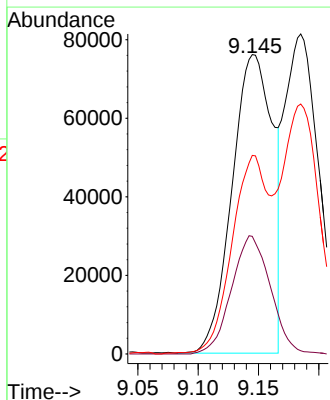
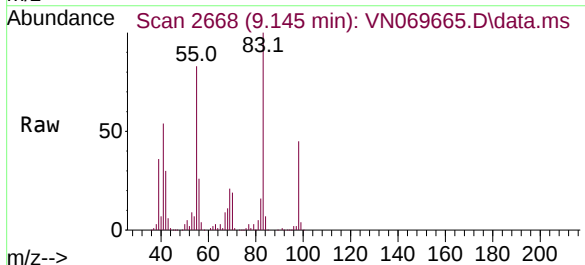
Instrument :  
MSVOA\_N  
ClientSampleId :

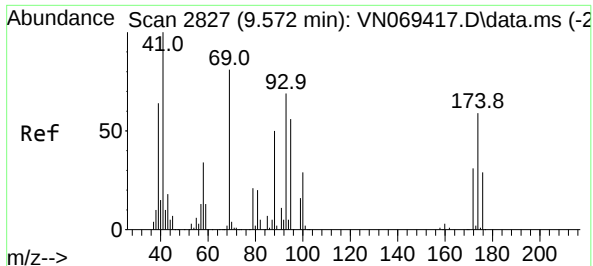
Tgt Ion: 83 Resp: 318497  
Ion Ratio Lower Upper  
83 100  
85 62.5 50.9 76.3  
127 7.6 7.1 10.7



#48  
Methyl methacrylate  
Concen: 11.539 ug/l  
RT: 9.145 min Scan# 2668  
Delta R.T. -0.416 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Tgt Ion: 41 Resp: 178506  
Ion Ratio Lower Upper  
41 100  
69 37.8 72.4 108.6#  
39 59.3 58.4 87.6





#49

1,4-Dioxane

Concen: 330.361 ug/l

RT: 9.284 min Scan# 21

Delta R.T. -0.288 min

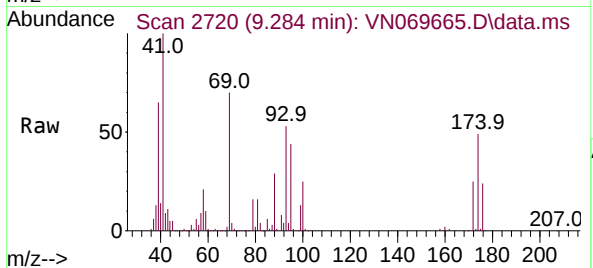
Lab File: VN069665.D

Acq: 29 Nov 2021 15:47

Instrument :

MSVOA\_N

ClientSampleId :



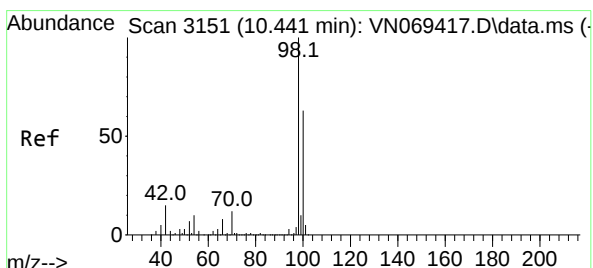
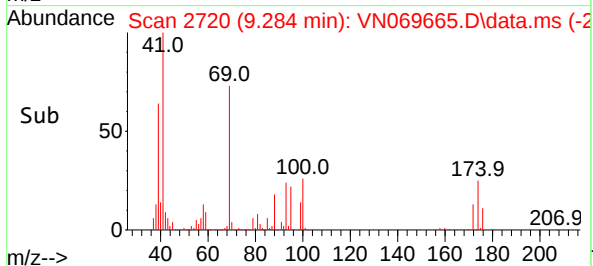
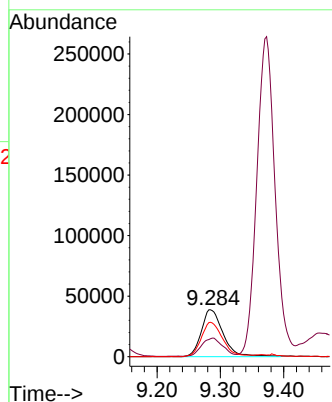
Tgt Ion: 88 Resp: 92935

Ion Ratio Lower Upper

88 100

43 37.7 23.4 35.2#

58 70.9 50.6 75.8



#50

Toluene-d8

Concen: 40.516 ug/l

RT: 10.261 min Scan# 3084

Delta R.T. -0.180 min

Lab File: VN069665.D

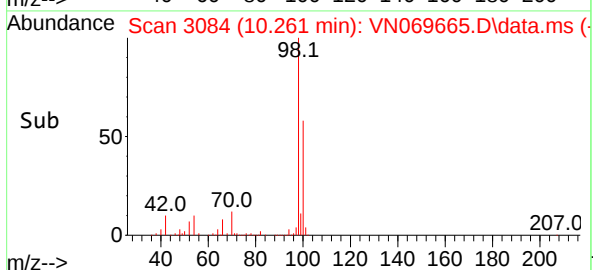
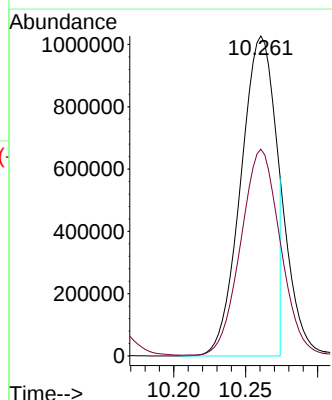
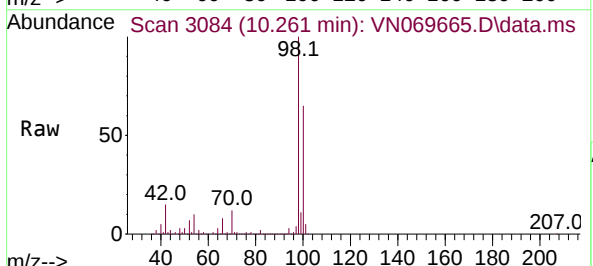
Acq: 29 Nov 2021 15:47

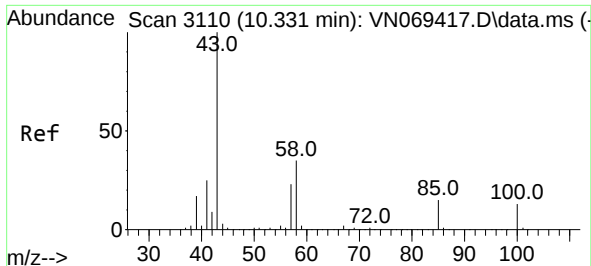
Tgt Ion: 98 Resp: 1720015

Ion Ratio Lower Upper

98 100

100 63.9 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 87.602 ug/l

RT: 10.153 min Scan# 3044

Delta R.T. -0.178 min

Lab File: VN069665.D

Acq: 29 Nov 2021 15:47

Instrument :

MSVOA\_N

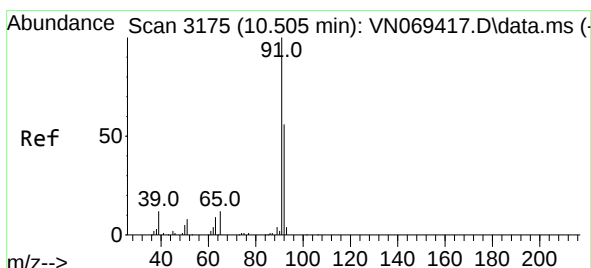
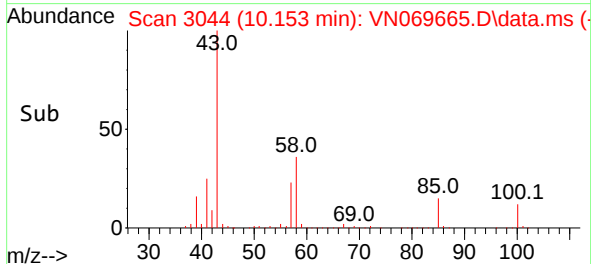
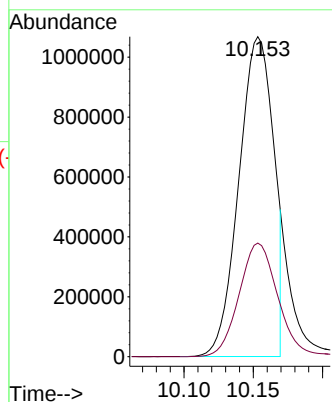
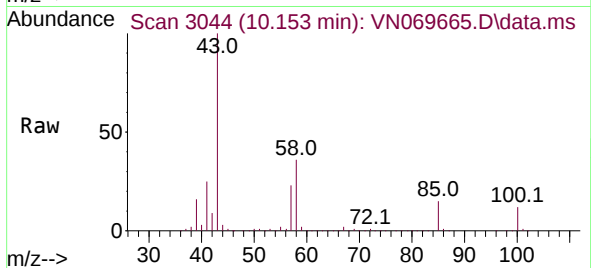
ClientSampleId :

Tgt Ion: 43 Resp: 1859228

Ion Ratio Lower Upper

43 100

58 35.2 30.4 45.6



#52

Toluene

Concen: 13.188 ug/l

RT: 10.330 min Scan# 3110

Delta R.T. -0.175 min

Lab File: VN069665.D

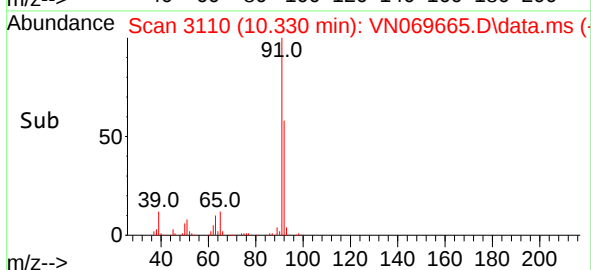
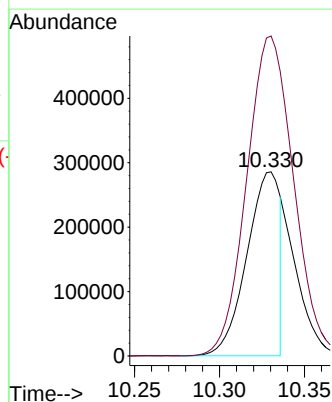
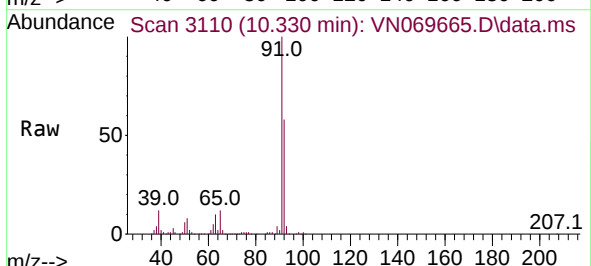
Acq: 29 Nov 2021 15:47

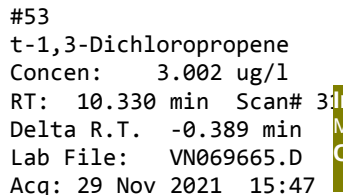
Tgt Ion: 92 Resp: 384046

Ion Ratio Lower Upper

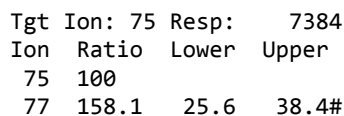
92 100

91 175.7 142.0 213.0



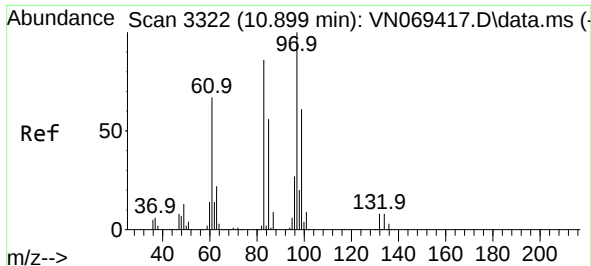


Instrument :  
MSVOA\_N  
ClientSampleId :



```
#54
cis-1,3-Dichloropropene
Concen: 18.529 ug/l
RT: 9.987 min Scan# 2982
Delta R.T. -0.201 min
Lab File: VN069665.D
Acq: 29 Nov 2021 15:47
```

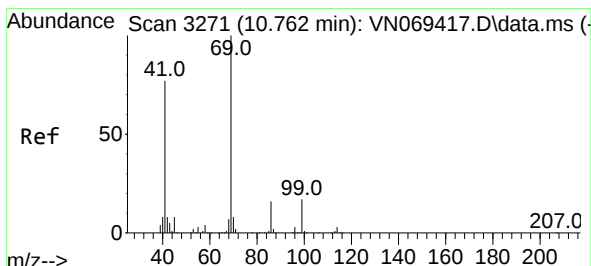
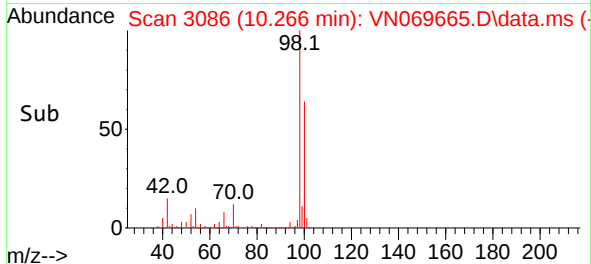
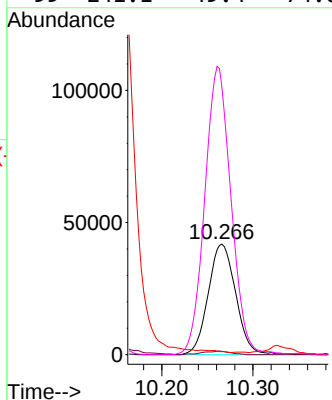
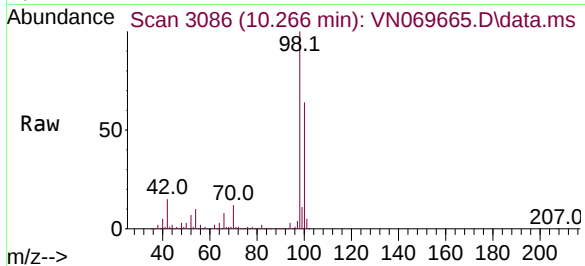
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion: 75 | Resp: | 351874 |
| Ion | Ratio   | Lower | Upper  |
| 75  | 100     |       |        |
| 77  | 30.6    | 26.4  | 39.6   |
| 39  | 65.6    | 42.5  | 63.7#  |



#55  
1,1,2-Trichloroethane  
Concen: 7.460 ug/l  
RT: 10.266 min Scan# 3086  
Delta R.T. -0.633 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

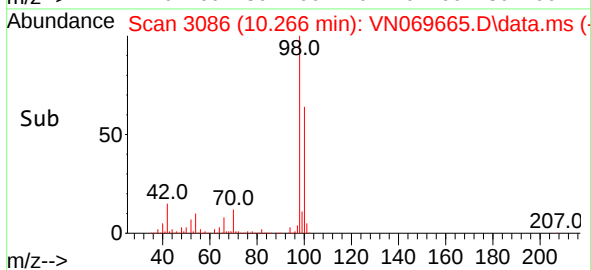
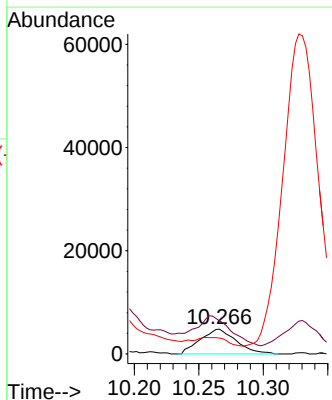
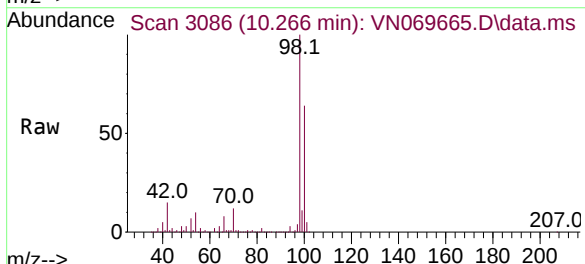
Instrument :  
MSVOA\_N  
ClientSampleId :

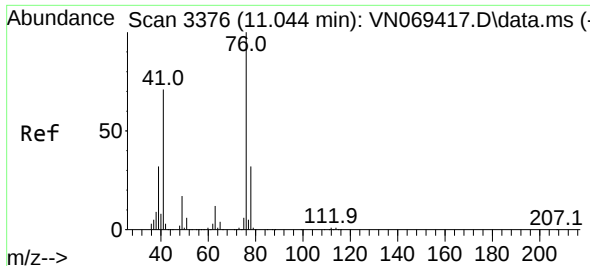
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 87572 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 3.1      | 67.8 101.6# |
| 85 0.0      | 45.4 68.2#  |
| 99 241.1    | 49.4 74.0#  |



#56  
Ethyl methacrylate  
Concen: 2.457 ug/l  
RT: 10.266 min Scan# 3086  
Delta R.T. -0.496 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 9312  |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 0.0      | 51.4 77.0#  |
| 39 0.0      | 34.6 52.0#  |

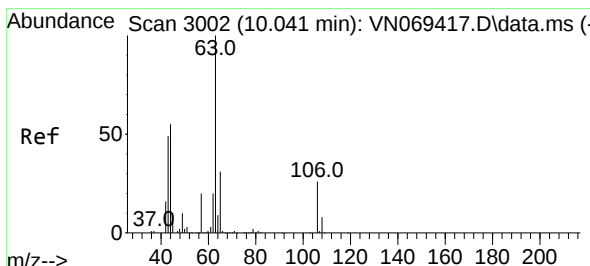
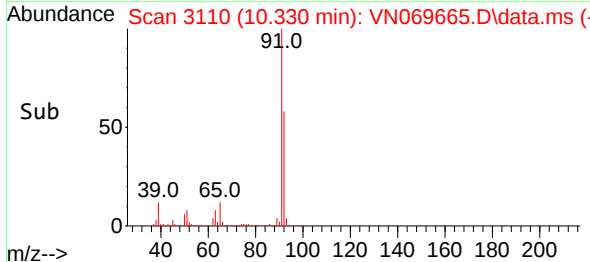
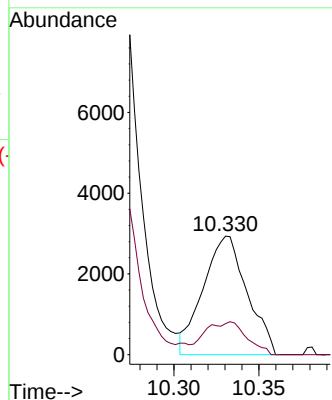
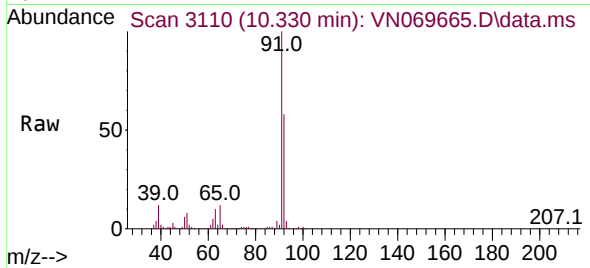




#57  
1,3-Dichloropropane  
Concen: 0.255 ug/l  
RT: 10.330 min Scan# 3110  
Delta R.T. -0.714 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

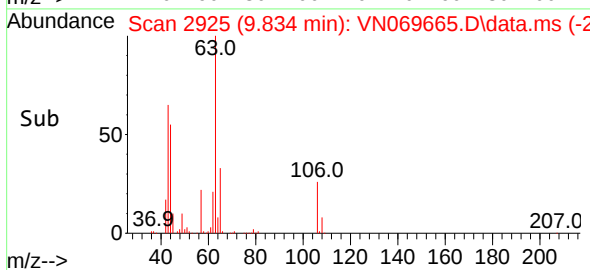
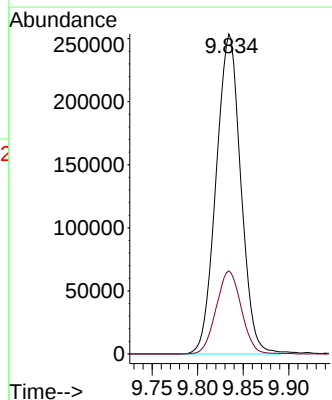
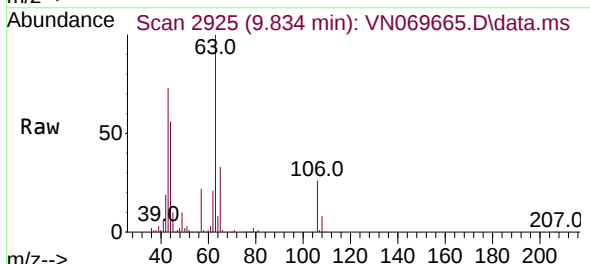
Instrument :  
MSVOA\_N  
ClientSampleId :

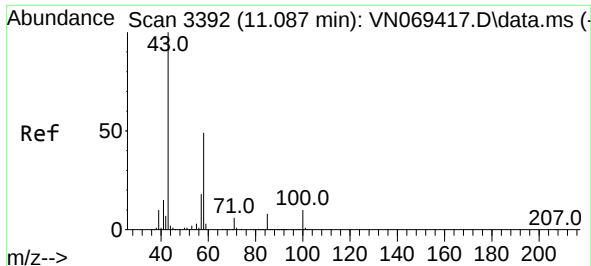
Tgt Ion: 76 Resp: 5270  
Ion Ratio Lower Upper  
76 100  
78 26.7 25.7 38.5



#58  
2-Chloroethyl Vinyl ether  
Concen: 99.062 ug/l  
RT: 9.834 min Scan# 2925  
Delta R.T. -0.207 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Tgt Ion: 63 Resp: 477441  
Ion Ratio Lower Upper  
63 100  
106 26.4 23.9 35.9

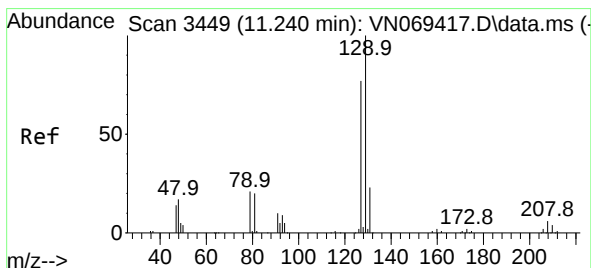
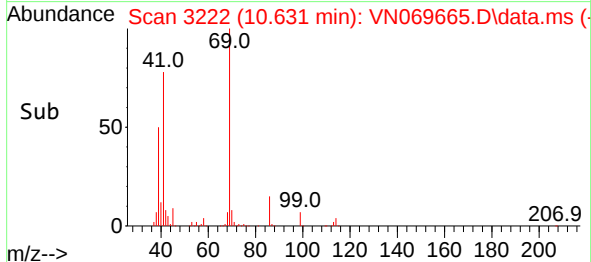
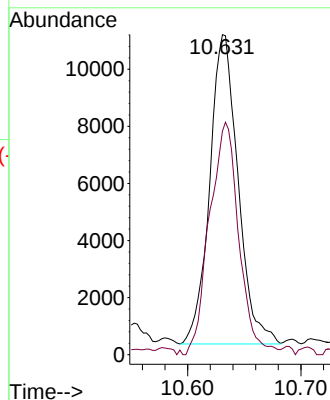
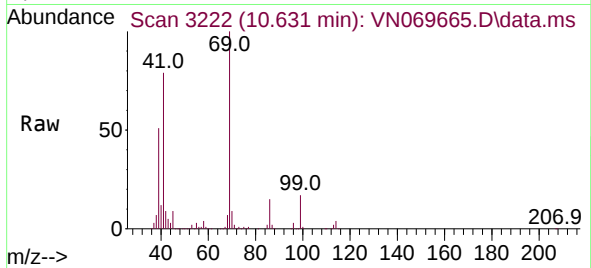




#59  
2-Hexanone  
Concen: 8.961 ug/l  
RT: 10.631 min Scan# 31  
Delta R.T. -0.456 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

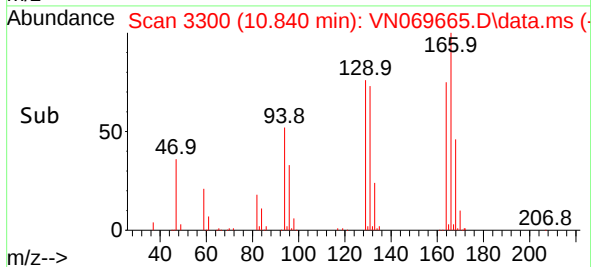
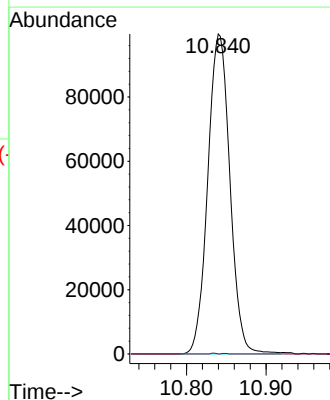
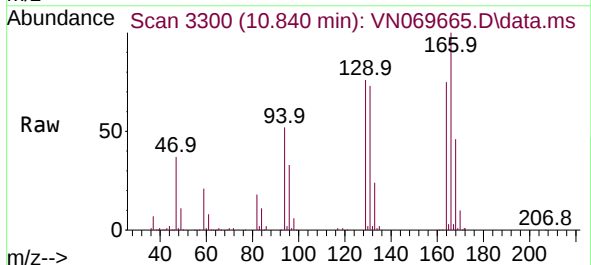
Instrument :  
MSVOA\_N  
ClientSampleId :

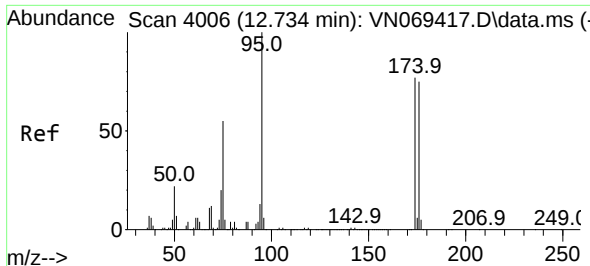
Tgt Ion: 43 Resp: 18857  
Ion Ratio Lower Upper  
43 100  
58 77.8 26.9 80.7



#60  
Dibromochloromethane  
Concen: 16.650 ug/l  
RT: 10.840 min Scan# 3300  
Delta R.T. -0.400 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Tgt Ion:129 Resp: 192689  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.6 116.0#

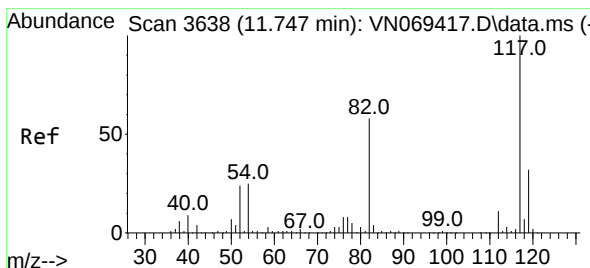
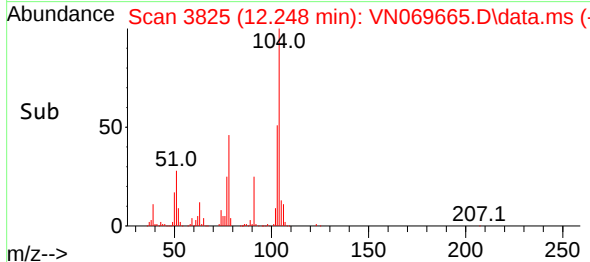
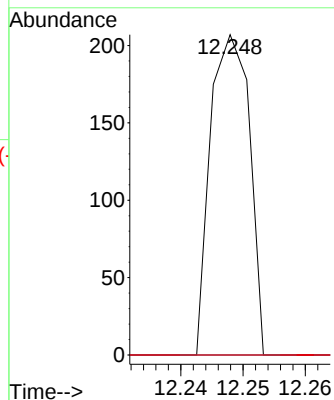
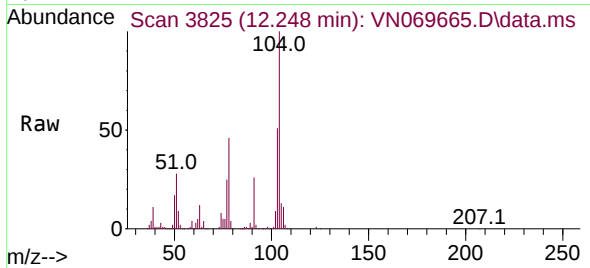




#62  
4-Bromofluorobenzene  
Concen: 0.006 ug/l  
RT: 12.248 min Scan# 31  
Delta R.T. -0.486 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

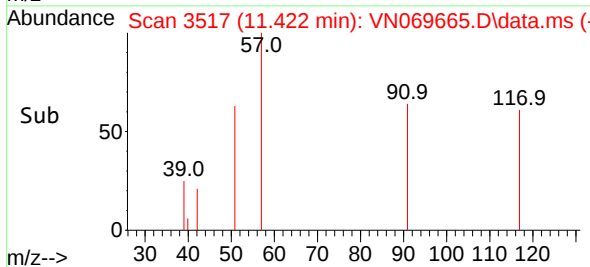
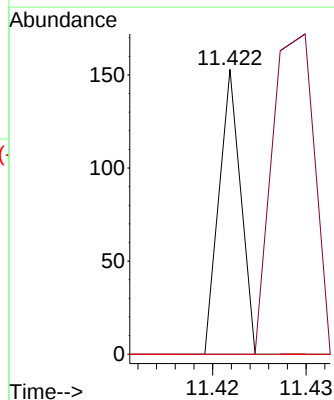
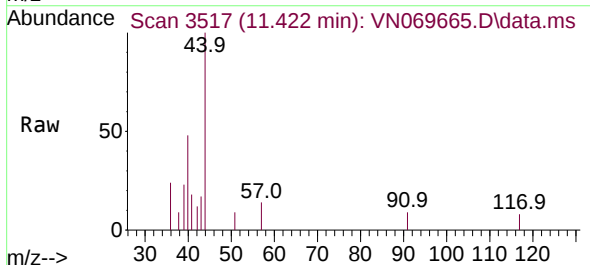
Instrument :  
MSVOA\_N  
ClientSampleId :

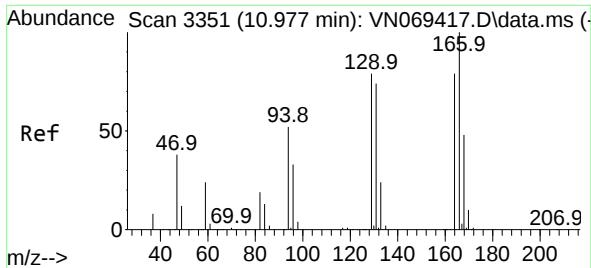
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 90    |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 0.0   | 0.0   | 187.2 |
| 176      | 0.0   | 0.0   | 181.4 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.422 min Scan# 3517  
Delta R.T. -0.325 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

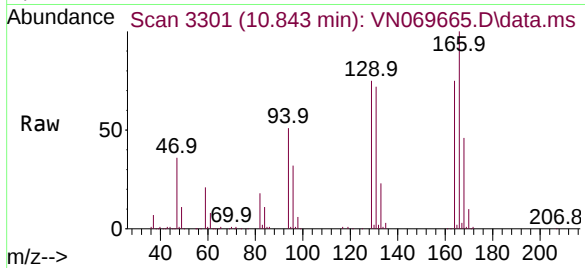
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 25    |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 0.0   | 42.4  | 63.6# |
| 119      | 0.0   | 25.4  | 38.2# |



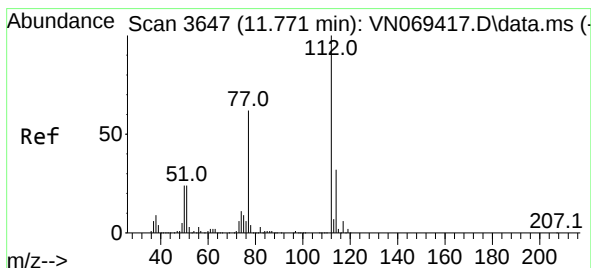
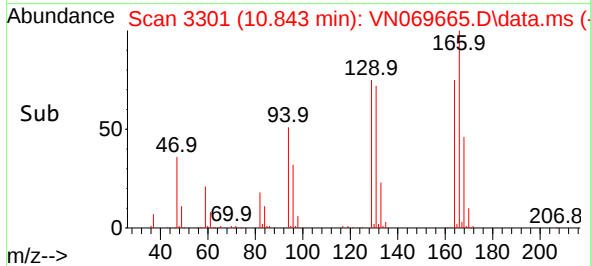
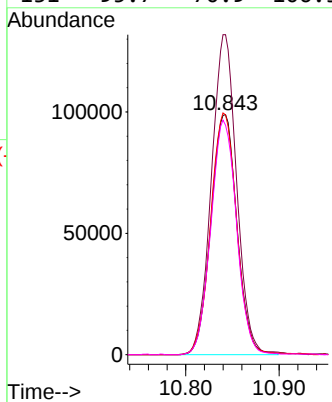


#64  
Tetrachloroethene  
Concen: 1266077.084 ug/l  
RT: 10.843 min Scan# 311  
Delta R.T. -0.134 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Instrument :  
MSVOA\_N  
ClientSampleId :

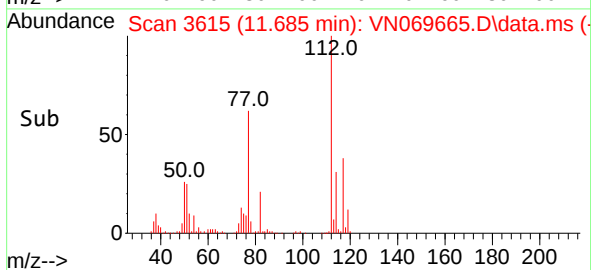
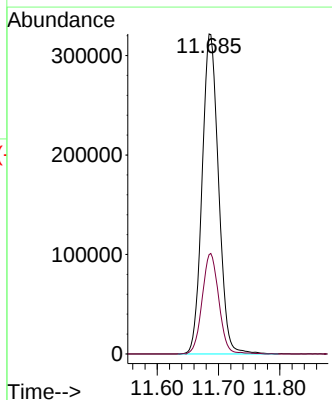
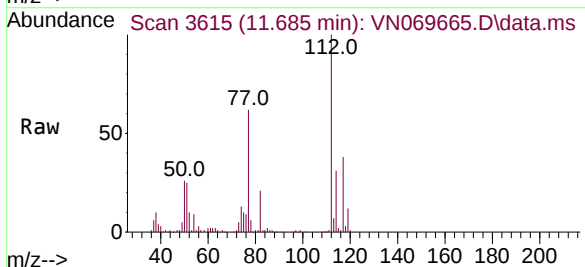


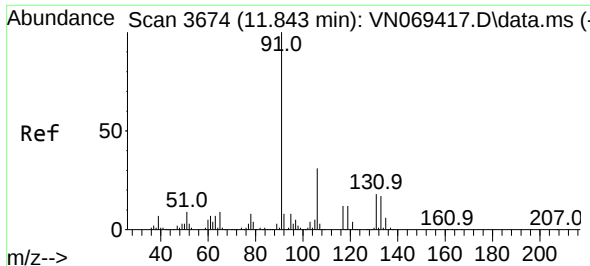
Tgt Ion:164 Resp: 191118  
Ion Ratio Lower Upper  
164 100  
166 133.4 101.9 152.9  
129 100.0 72.0 108.0  
131 95.7 70.9 106.3



#65  
Chlorobenzene  
Concen: 1289306.690 ug/l  
RT: 11.685 min Scan# 3615  
Delta R.T. -0.086 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

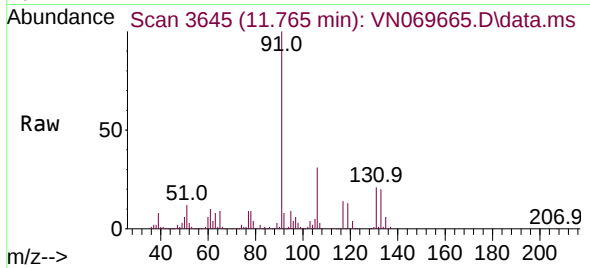
Tgt Ion:112 Resp: 599960  
Ion Ratio Lower Upper  
112 100  
114 31.1 25.4 38.0



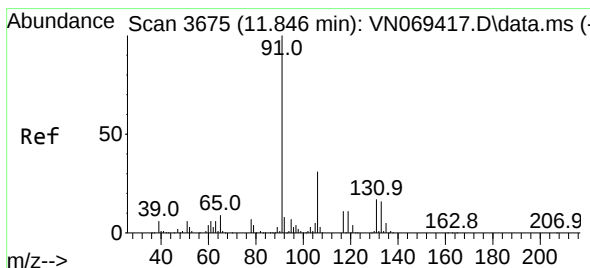
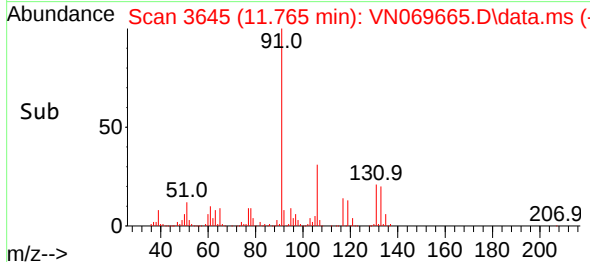
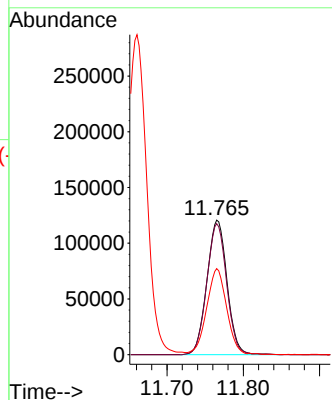


#66  
1,1,1,2-Tetrachloroethane  
Concen: 1371769.734 ug/l  
RT: 11.765 min Scan# 3645  
Delta R.T. -0.078 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Instrument :  
MSVOA\_N  
ClientSampleId :

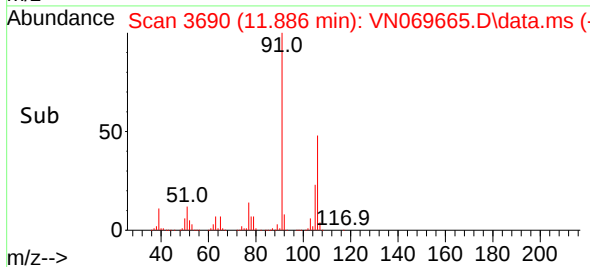
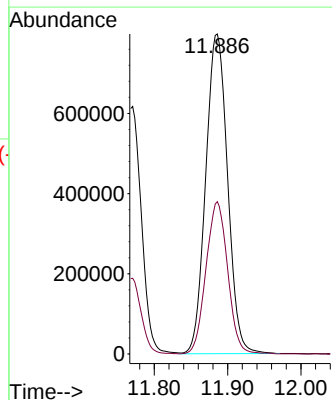
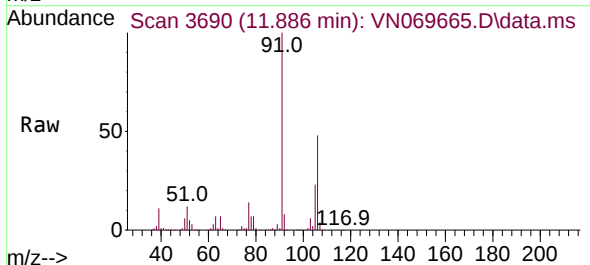


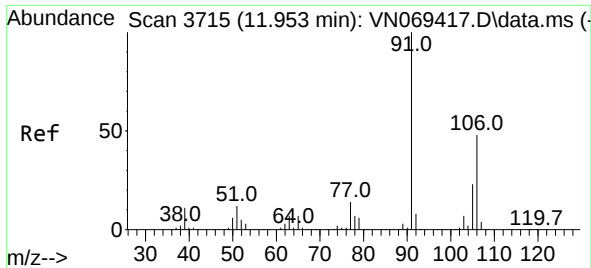
Tgt Ion:131 Resp: 221409  
Ion Ratio Lower Upper  
131 100  
133 96.2 47.9 143.7  
119 62.4 32.1 96.5



#67  
Ethyl Benzene  
Concen: 1927449.439 ug/l  
RT: 11.886 min Scan# 3690  
Delta R.T. 0.040 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Tgt Ion: 91 Resp: 1654195  
Ion Ratio Lower Upper  
91 100  
106 47.6 25.7 38.5#

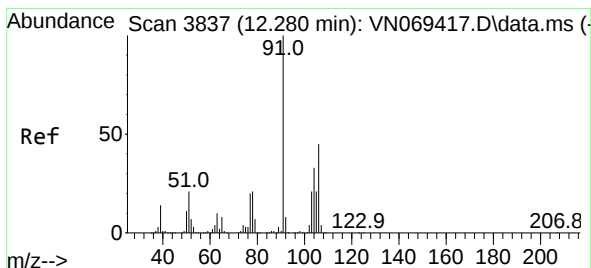
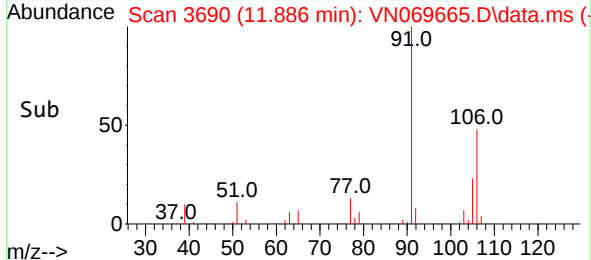
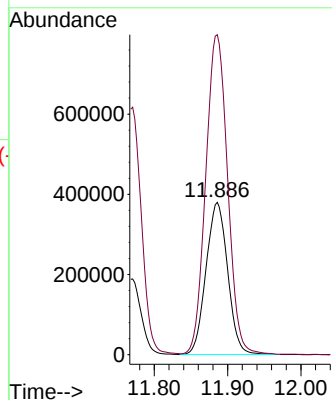
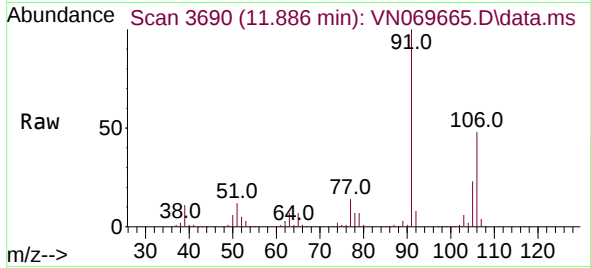




#68  
m/p-Xylenes  
Concen: 2469763.837 ug/l  
RT: 11.886 min Scan# 3715  
Delta R.T. -0.067 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

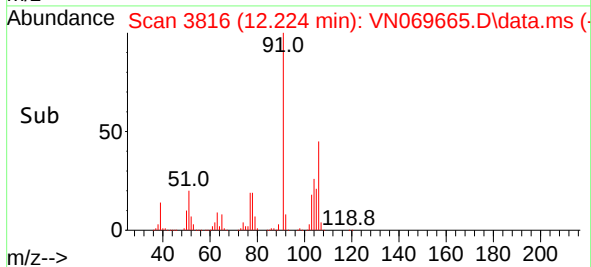
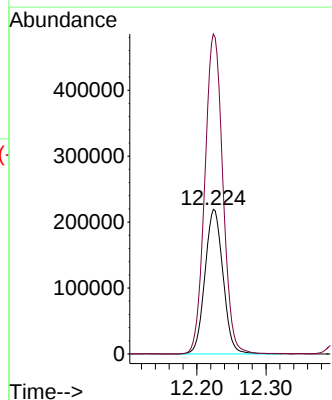
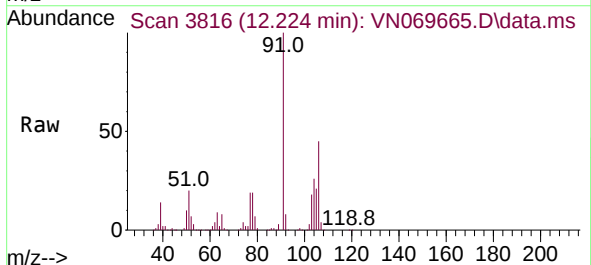
Instrument :  
MSVOA\_N  
ClientSampleId :

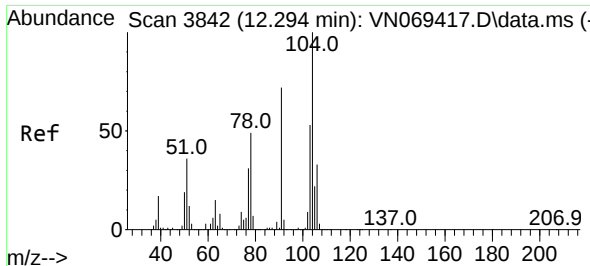
Tgt Ion:106 Resp: 779569  
Ion Ratio Lower Upper  
106 100  
91 212.2 160.6 240.8



#69  
o-Xylene  
Concen: 1261350.360 ug/l  
RT: 12.224 min Scan# 3816  
Delta R.T. -0.056 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

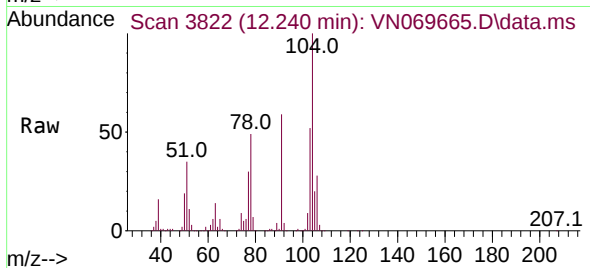
Tgt Ion:106 Resp: 396918  
Ion Ratio Lower Upper  
106 100  
91 221.1 105.8 317.3



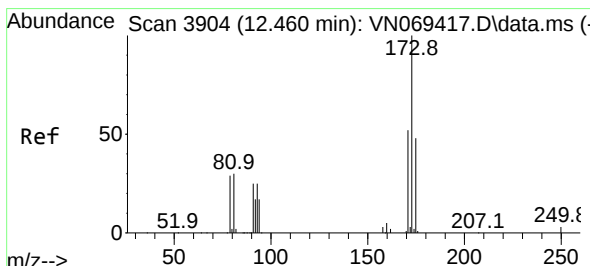
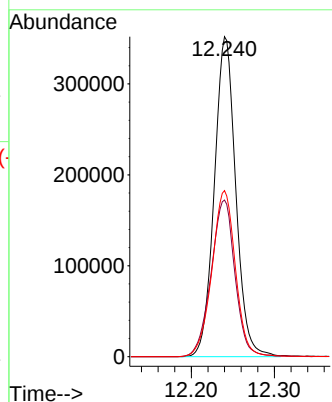
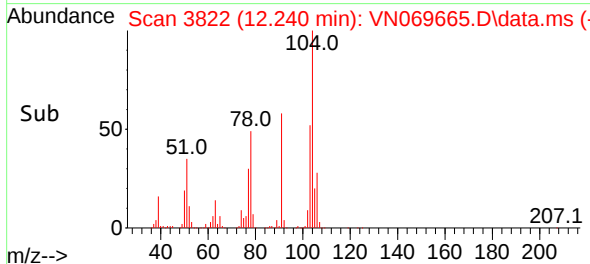


#70  
Styrene  
Concen: 1084978.781 ug/l  
RT: 12.240 min Scan# 3822  
Delta R.T. -0.054 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Instrument :  
MSVOA\_N  
ClientSampleId :

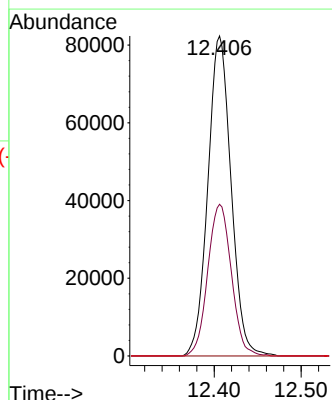
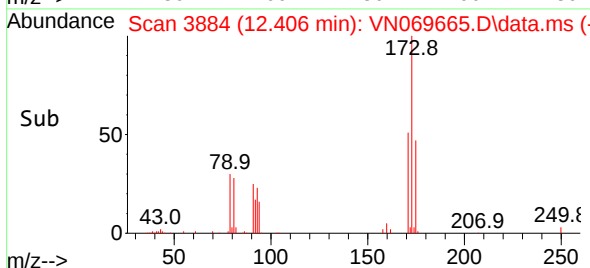
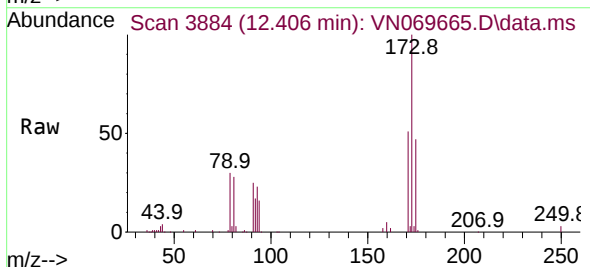


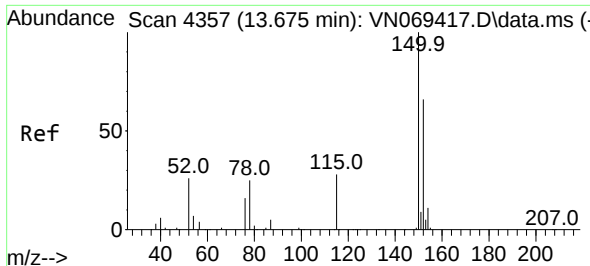
Tgt Ion:104 Resp: 632224  
Ion Ratio Lower Upper  
104 100  
78 54.7 38.7 58.1  
103 56.8 45.0 67.6



#71  
Bromoform  
Concen: 1015025.609 ug/l  
RT: 12.406 min Scan# 3884  
Delta R.T. -0.054 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

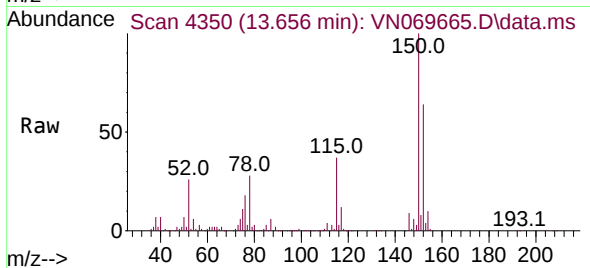
Tgt Ion:173 Resp: 152722  
Ion Ratio Lower Upper  
173 100  
175 48.2 24.2 72.6  
254 0.0 0.0 0.0



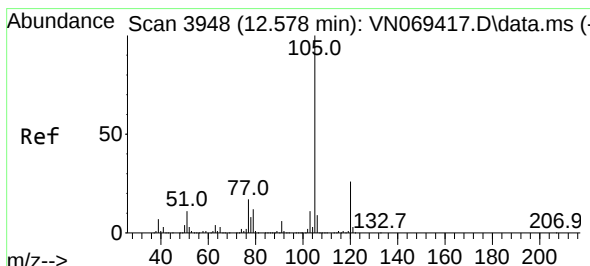
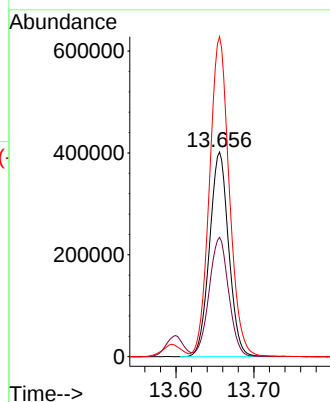
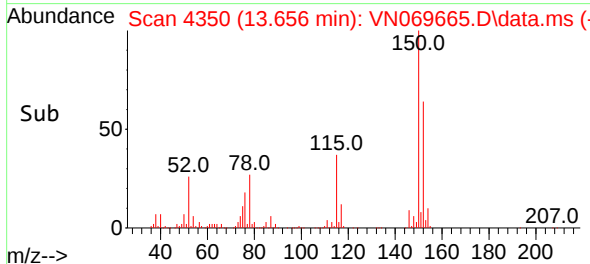


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.656 min Scan# 41  
Delta R.T. -0.019 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Instrument :  
MSVOA\_N  
ClientSampleId :

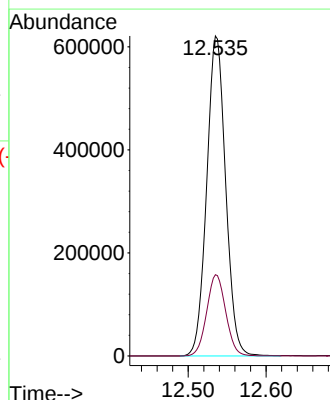
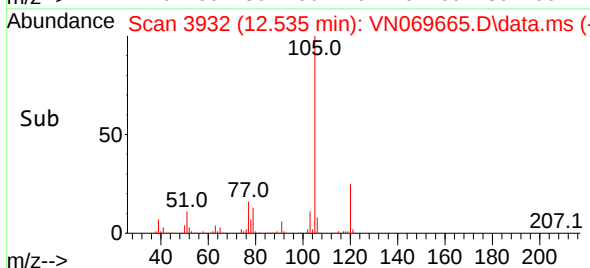
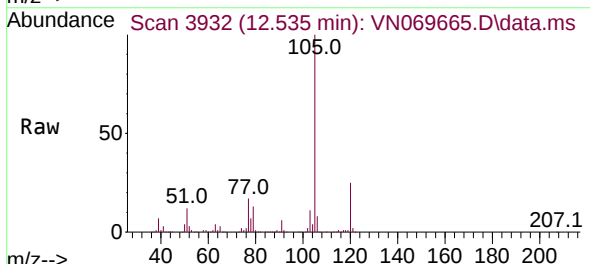


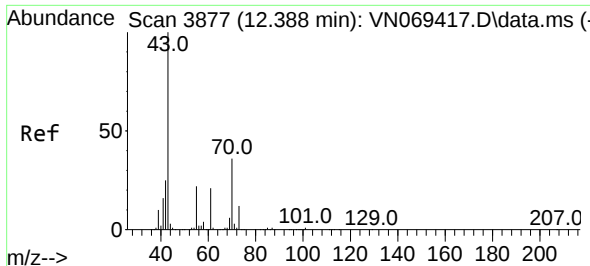
Tgt Ion:152 Resp: 687521  
Ion Ratio Lower Upper  
152 100  
115 59.3 27.5 82.5  
150 161.0 0.0 344.4



#73  
Isopropylbenzene  
Concen: 19.170 ug/l  
RT: 12.535 min Scan# 3932  
Delta R.T. -0.043 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

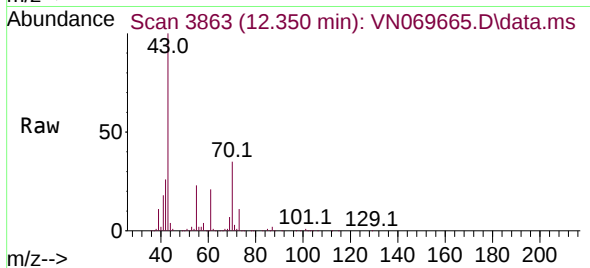
Tgt Ion:105 Resp: 1049411  
Ion Ratio Lower Upper  
105 100  
120 25.6 13.4 40.1



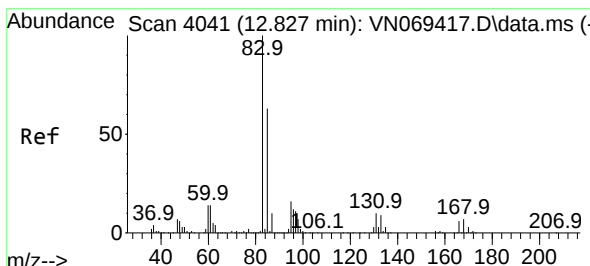
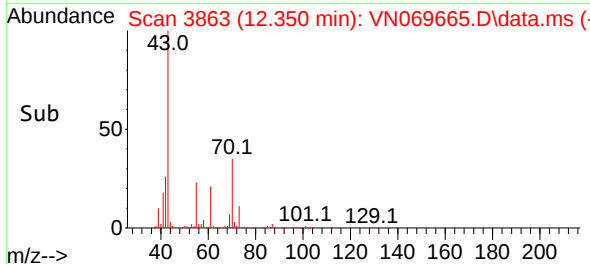
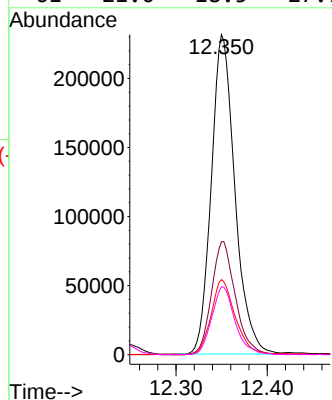


#74  
N-amy1 acetate  
Concen: 17.944 ug/l  
RT: 12.350 min Scan# 3863  
Delta R.T. -0.038 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Instrument :  
MSVOA\_N  
ClientSampleId :

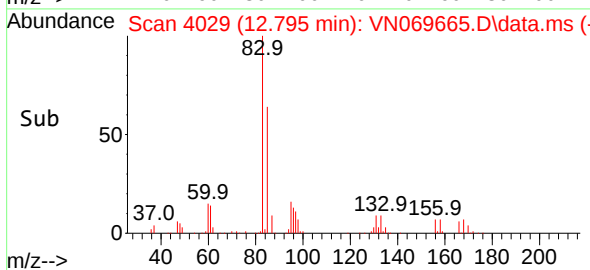
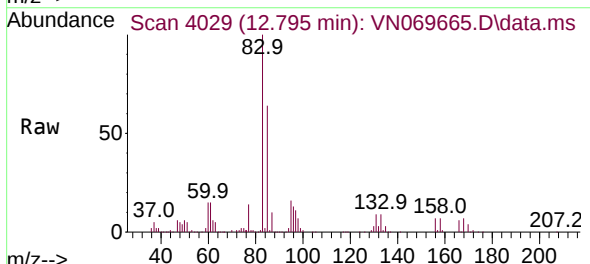
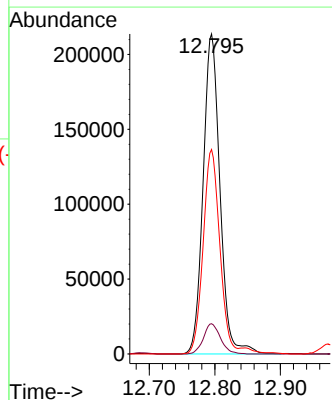


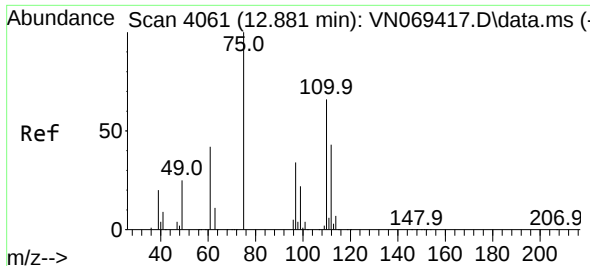
|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 416278 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 70 35.6     | 33.4 50.0    |
| 55 24.0     | 19.3 28.9    |
| 61 21.0     | 18.5 27.7    |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.633 ug/l  
RT: 12.795 min Scan# 4029  
Delta R.T. -0.032 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

|             |              |
|-------------|--------------|
| Tgt Ion: 83 | Resp: 380947 |
| Ion Ratio   | Lower Upper  |
| 83 100      |              |
| 131 9.6     | 5.5 16.5     |
| 85 62.8     | 32.4 97.2    |

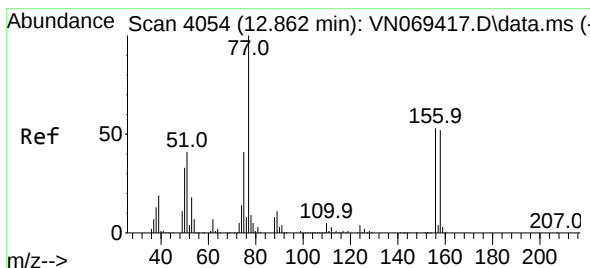
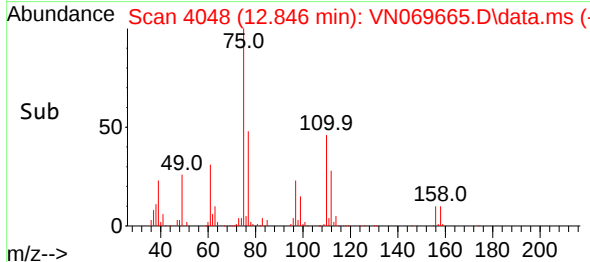
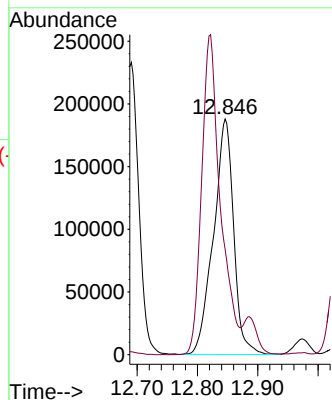
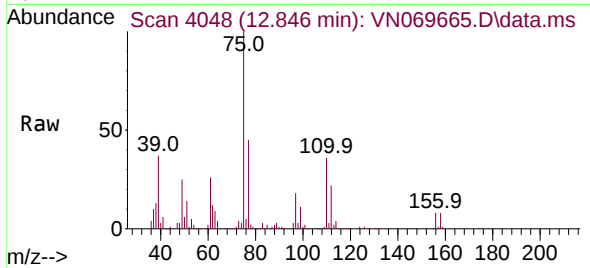




#76  
1,2,3-Trichloropropane  
Concen: 27.489 ug/l  
RT: 12.846 min Scan# 4061  
Delta R.T. -0.035 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

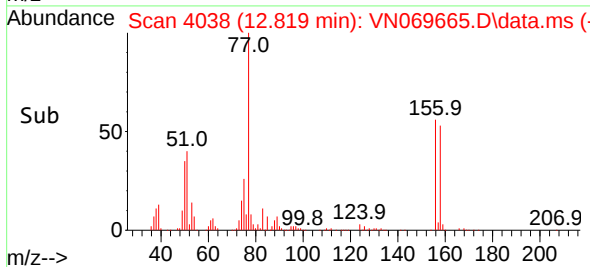
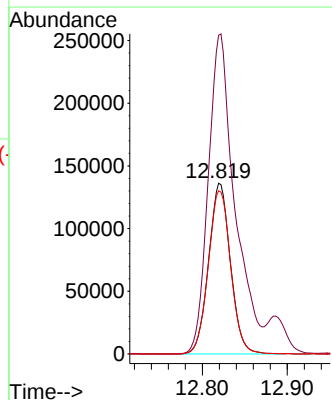
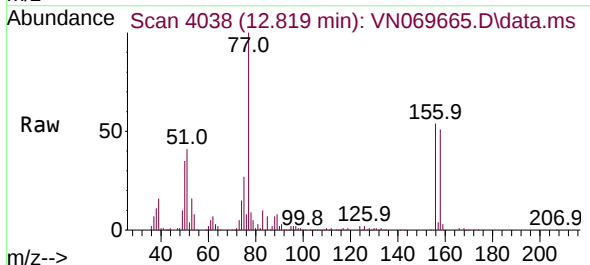
Instrument :  
MSVOA\_N  
ClientSampleId :

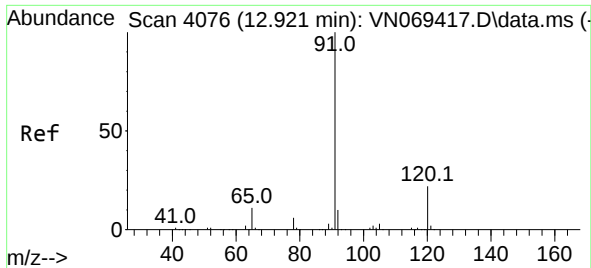
Tgt Ion: 75 Resp: 436155  
Ion Ratio Lower Upper  
75 100  
77 0.0 82.6 247.8#



#77  
Bromobenzene  
Concen: 19.422 ug/l  
RT: 12.819 min Scan# 4038  
Delta R.T. -0.043 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Tgt Ion:156 Resp: 243151  
Ion Ratio Lower Upper  
156 100  
77 227.0 90.6 271.8  
158 98.2 48.9 146.7

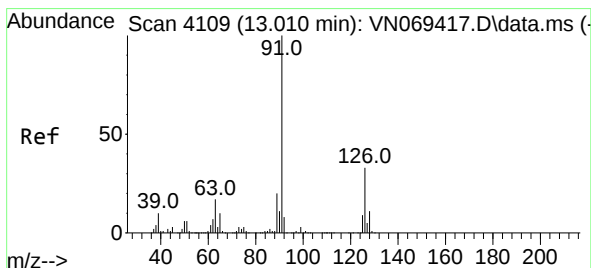
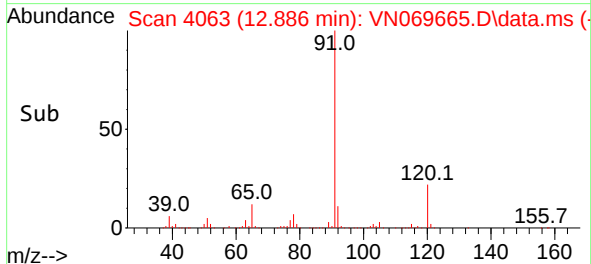
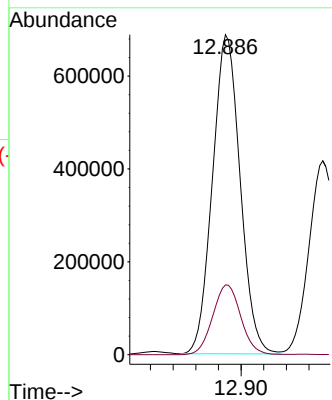
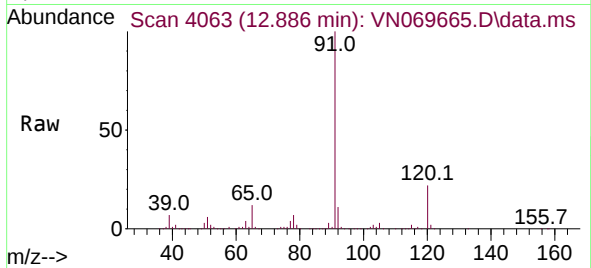




#78  
n-propylbenzene  
Concen: 18.896 ug/l  
RT: 12.886 min Scan# 4063  
Delta R.T. -0.035 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

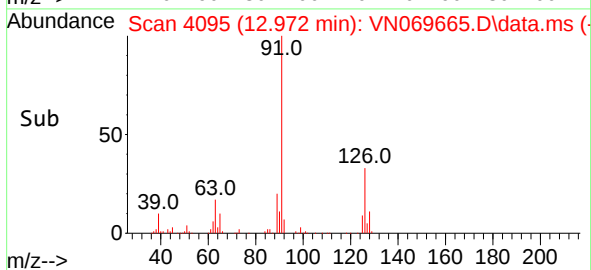
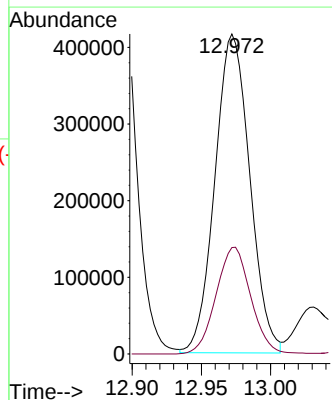
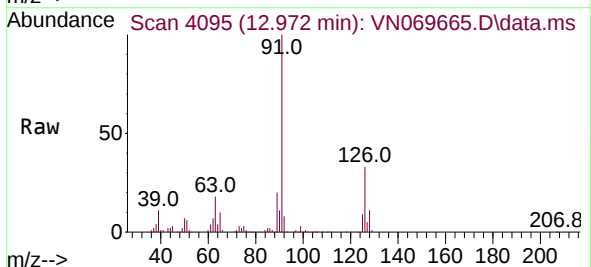
Instrument :  
MSVOA\_N  
ClientSampleId :

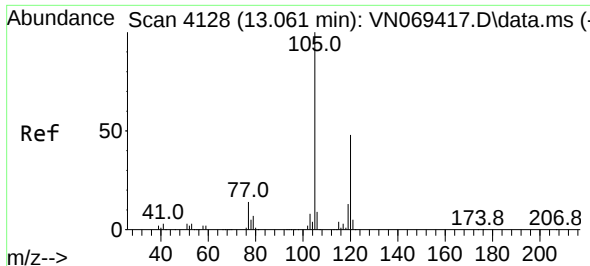
Tgt Ion: 91 Resp: 1163945  
Ion Ratio Lower Upper  
91 100  
120 22.2 11.9 35.9



#79  
2-Chlorotoluene  
Concen: 19.102 ug/l  
RT: 12.972 min Scan# 4095  
Delta R.T. -0.038 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Tgt Ion: 91 Resp: 728516  
Ion Ratio Lower Upper  
91 100  
126 33.4 18.3 54.8

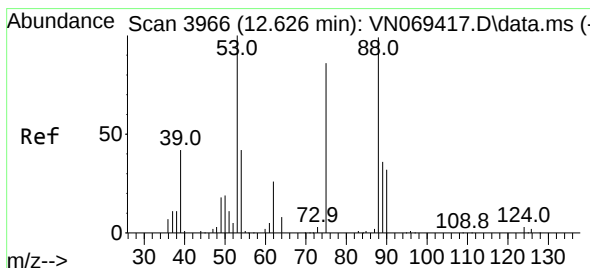
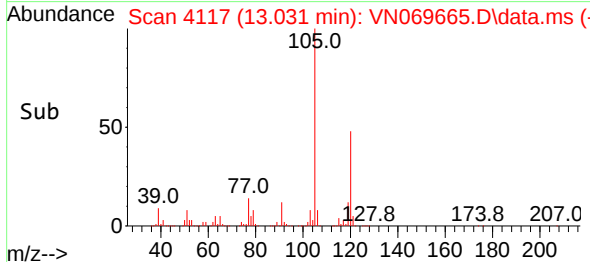
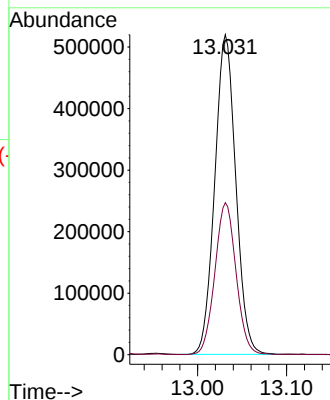
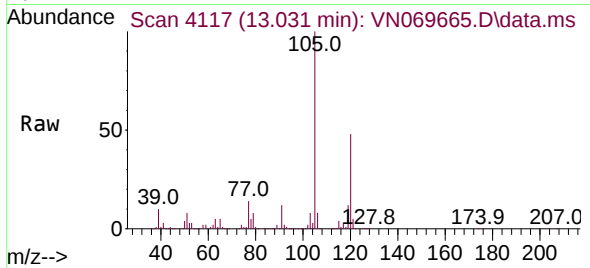




#80  
1,3,5-Trimethylbenzene  
Concen: 19.304 ug/l  
RT: 13.031 min Scan# 41  
Delta R.T. -0.030 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

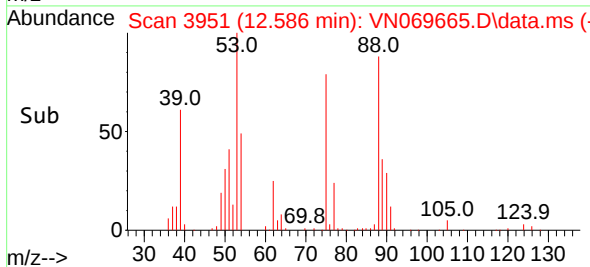
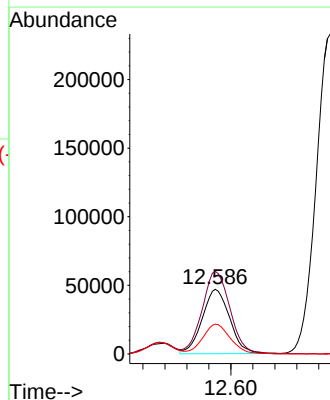
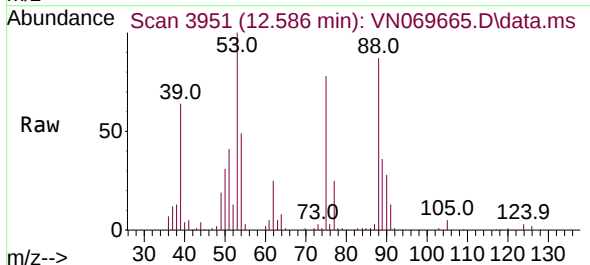
Instrument :  
MSVOA\_N  
ClientSampleId :

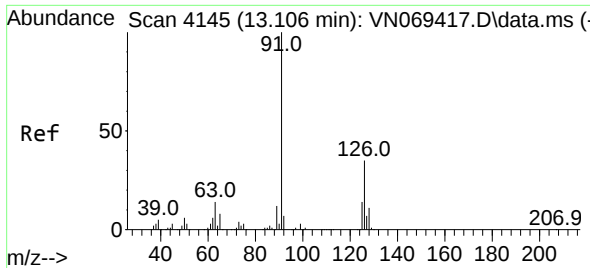
Tgt Ion:105 Resp: 854279  
Ion Ratio Lower Upper  
105 100  
120 47.7 24.6 73.6



#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.315 ug/l  
RT: 12.586 min Scan# 3951  
Delta R.T. -0.040 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Tgt Ion: 75 Resp: 81545  
Ion Ratio Lower Upper  
75 100  
53 129.2 90.5 135.7  
89 46.3 38.2 57.4

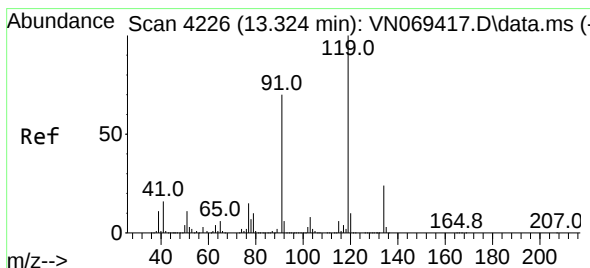
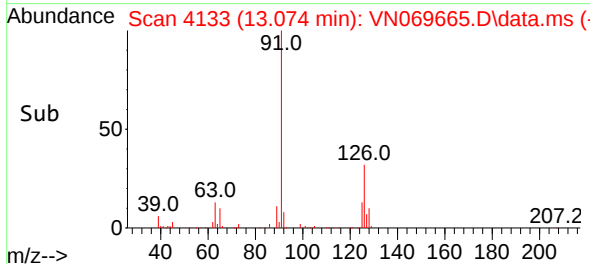
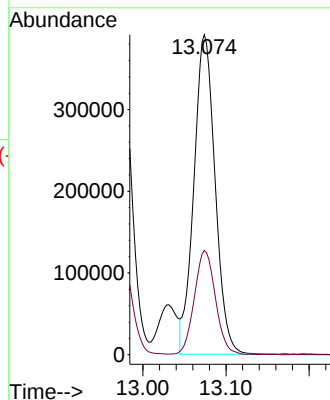
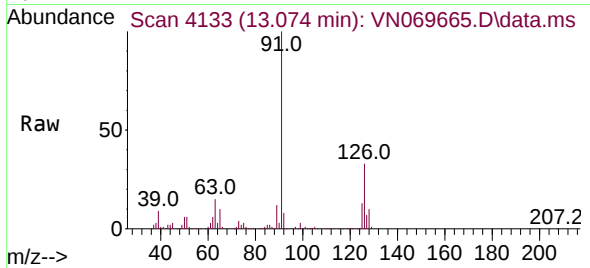




#82  
4-Chlorotoluene  
Concen: 19.118 ug/l  
RT: 13.074 min Scan# 4145  
Delta R.T. -0.032 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

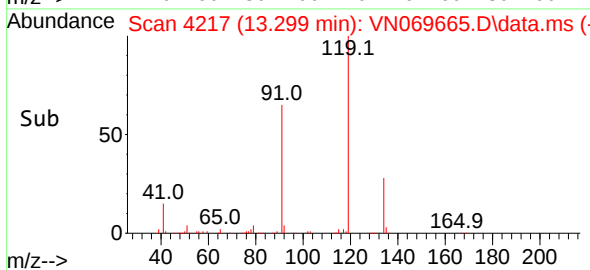
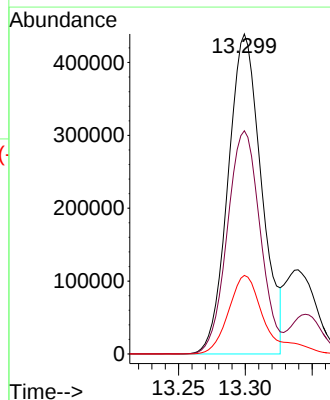
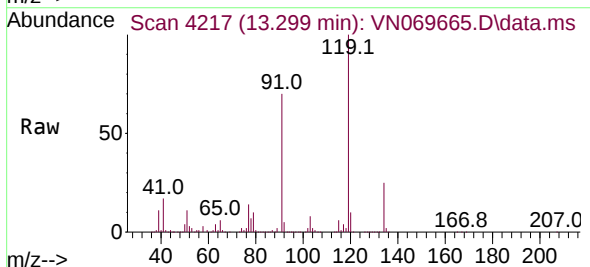
Instrument :  
MSVOA\_N  
ClientSampleId :

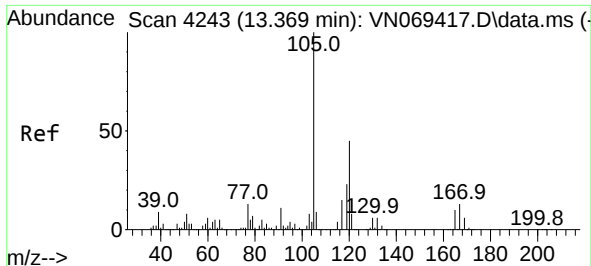
Tgt Ion: 91 Resp: 695045  
Ion Ratio Lower Upper  
91 100  
126 32.4 18.2 54.6



#83  
tert-Butylbenzene  
Concen: 19.659 ug/l  
RT: 13.299 min Scan# 4217  
Delta R.T. -0.025 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Tgt Ion: 119 Resp: 762371  
Ion Ratio Lower Upper  
119 100  
91 69.3 31.5 94.5  
134 26.8 12.4 37.4

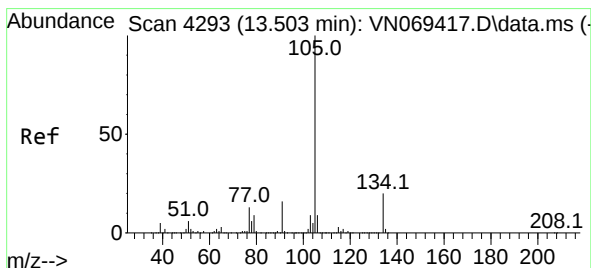
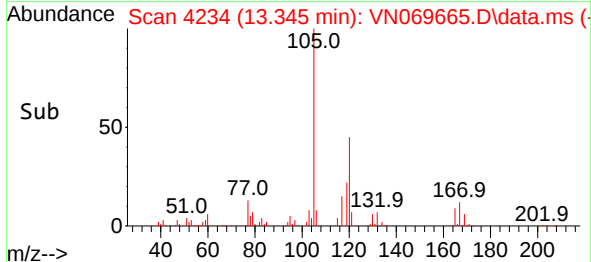
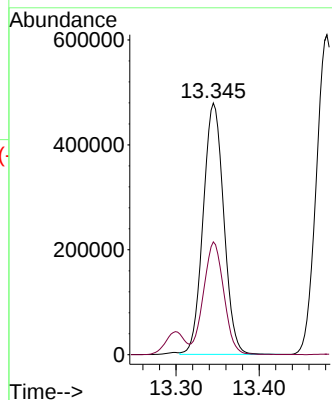
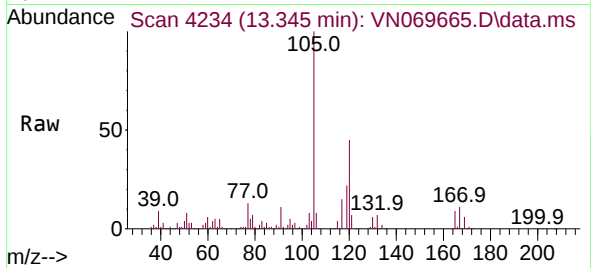




#84  
1,2,4-Trimethylbenzene  
Concen: 19.315 ug/l  
RT: 13.345 min Scan# 41  
Delta R.T. -0.024 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

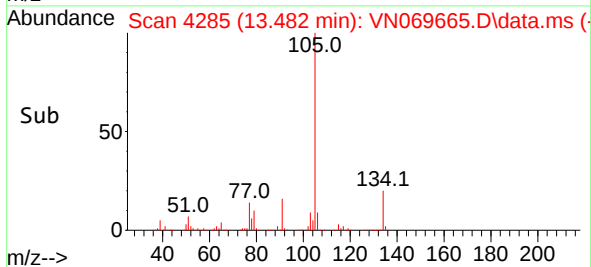
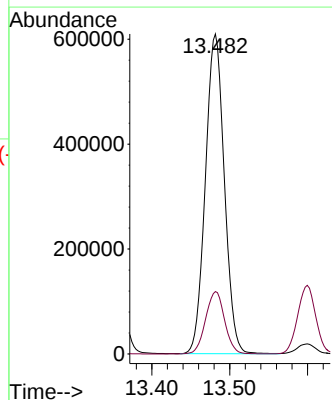
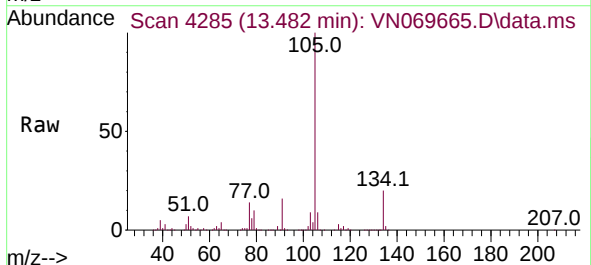
Instrument :  
MSVOA\_N  
ClientSampleId :

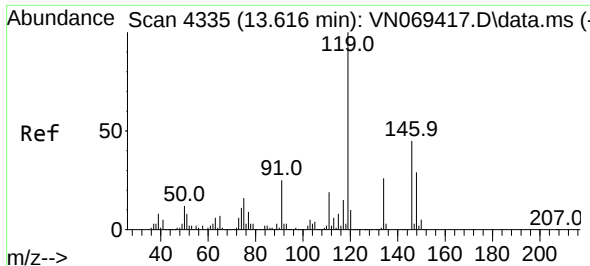
Tgt Ion:105 Resp: 825175  
Ion Ratio Lower Upper  
105 100  
120 44.4 22.8 68.4



#85  
sec-Butylbenzene  
Concen: 19.049 ug/l  
RT: 13.482 min Scan# 4285  
Delta R.T. -0.021 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Tgt Ion:105 Resp: 1031913  
Ion Ratio Lower Upper  
105 100  
134 19.5 10.4 31.1

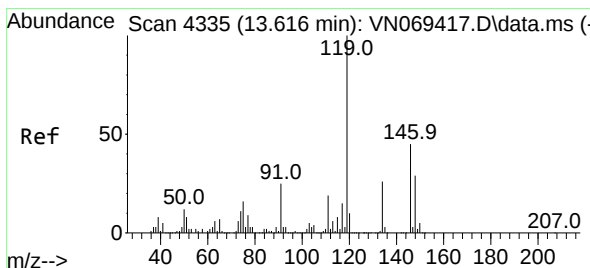
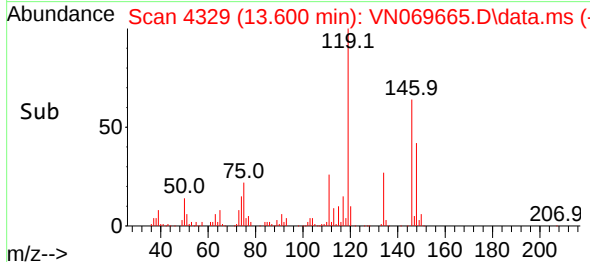
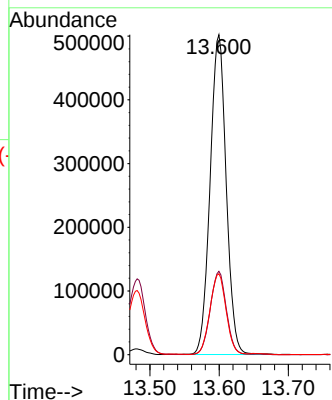
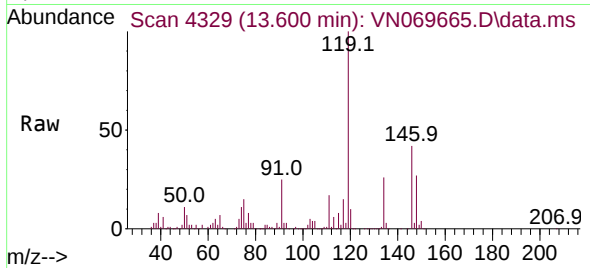




#86  
 p-Isopropyltoluene  
 Concen: 18.817 ug/l  
 RT: 13.600 min Scan# 4329  
 Delta R.T. -0.016 min  
 Lab File: VN069665.D  
 Acq: 29 Nov 2021 15:47

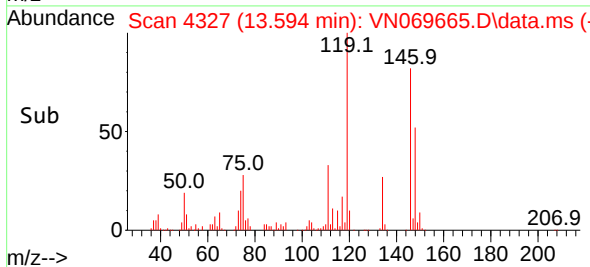
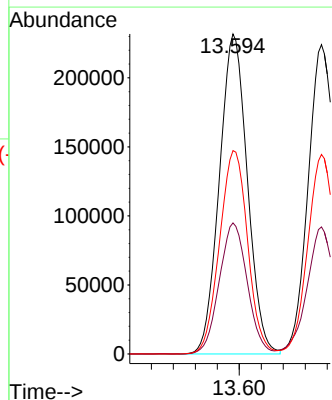
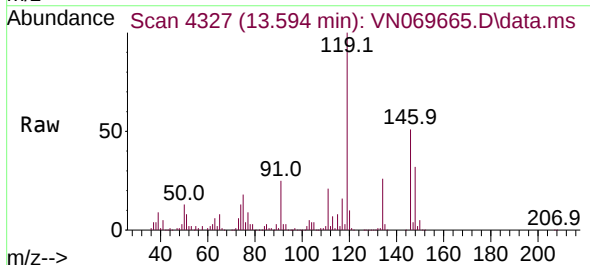
Instrument :  
 MSVOA\_N  
 ClientSampleId :

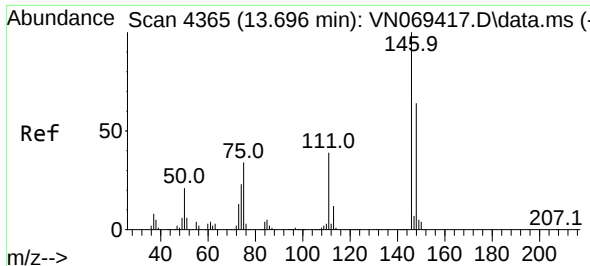
Tgt Ion:119 Resp: 809237  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 13.6 40.7  
 91 25.2 11.4 34.1



#87  
 1,3-Dichlorobenzene  
 Concen: 18.867 ug/l  
 RT: 13.594 min Scan# 4327  
 Delta R.T. -0.022 min  
 Lab File: VN069665.D  
 Acq: 29 Nov 2021 15:47

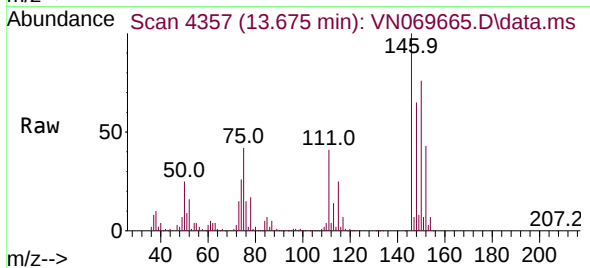
Tgt Ion:146 Resp: 409518  
 Ion Ratio Lower Upper  
 146 100  
 111 41.0 18.6 55.6  
 148 63.9 31.6 95.0



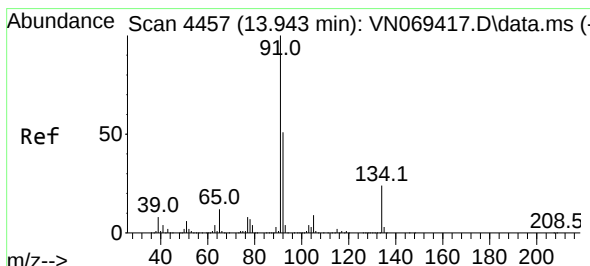
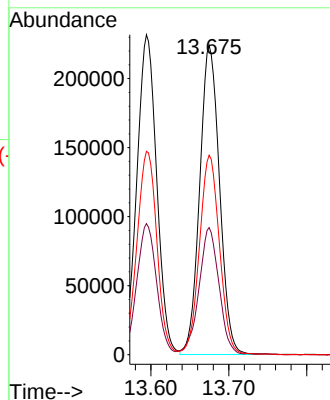
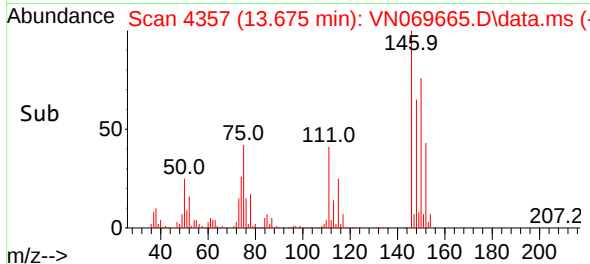


#88  
1,4-Dichlorobenzene  
Concen: 18.674 ug/l  
RT: 13.675 min Scan# 41  
Delta R.T. -0.021 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

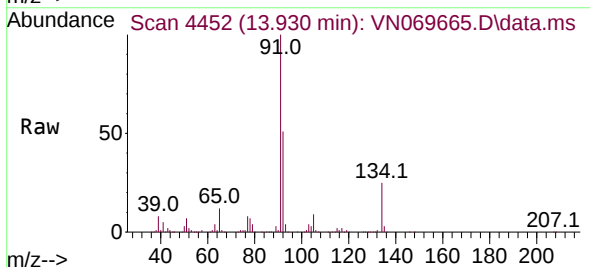
Instrument :  
MSVOA\_N  
ClientSampleId :



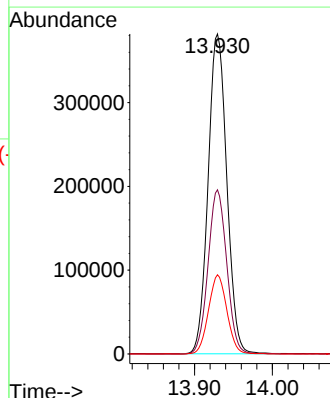
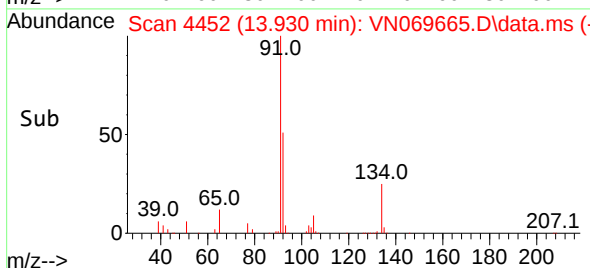
Tgt Ion:146 Resp: 397633  
Ion Ratio Lower Upper  
146 100  
111 41.0 18.3 54.8  
148 64.8 31.8 95.4

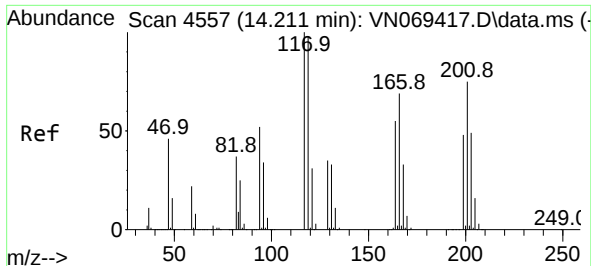


#89  
n-Butylbenzene  
Concen: 17.779 ug/l  
RT: 13.930 min Scan# 4452  
Delta R.T. -0.013 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47



Tgt Ion: 91 Resp: 637576  
Ion Ratio Lower Upper  
91 100  
92 51.4 25.4 76.0  
134 24.3 13.6 40.8

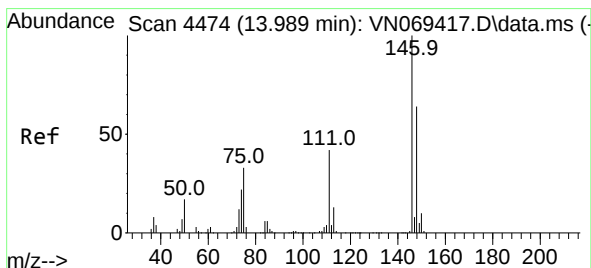
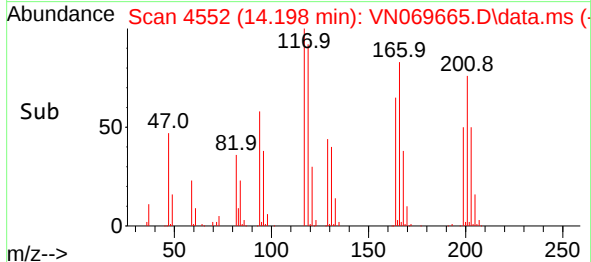
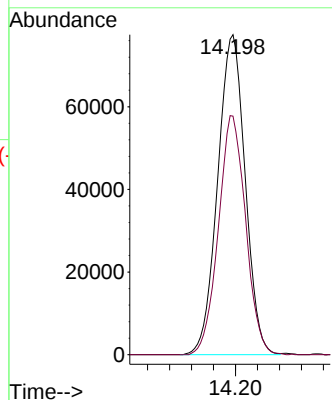
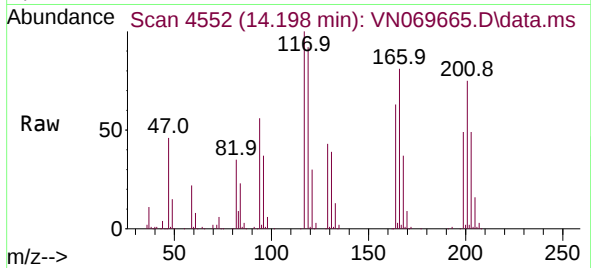




#90  
Hexachloroethane  
Concen: 18.435 ug/l  
RT: 14.198 min Scan# 4552  
Delta R.T. -0.013 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

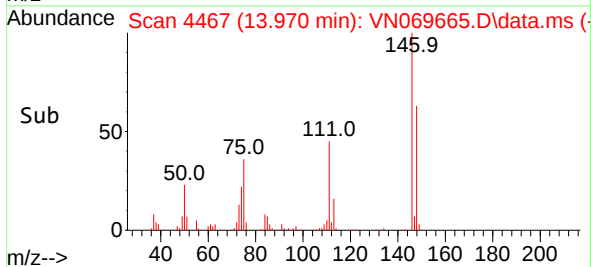
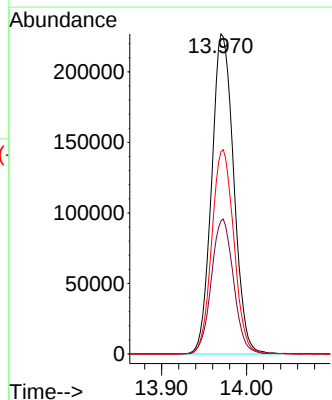
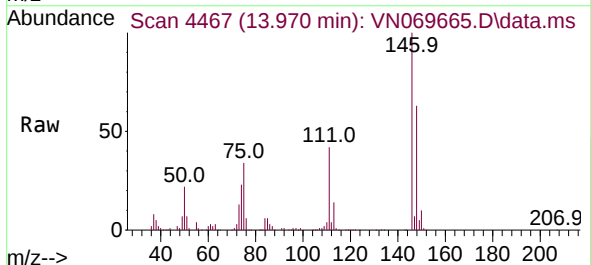
Instrument :  
MSVOA\_N  
ClientSampleId :

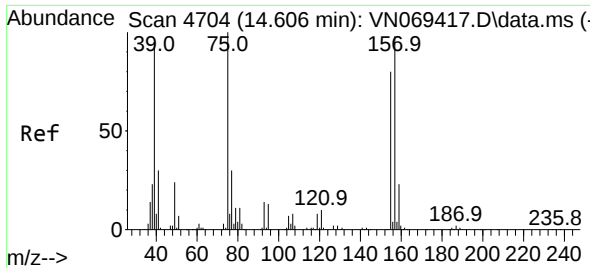
Tgt Ion:117 Resp: 134446  
Ion Ratio Lower Upper  
117 100  
201 74.0 43.9 131.6



#91  
1,2-Dichlorobenzene  
Concen: 19.843 ug/l  
RT: 13.970 min Scan# 4467  
Delta R.T. -0.019 min  
Lab File: VN069665.D  
Acq: 29 Nov 2021 15:47

Tgt Ion:146 Resp: 409827  
Ion Ratio Lower Upper  
146 100  
111 42.3 19.1 57.3  
148 64.0 32.1 96.3

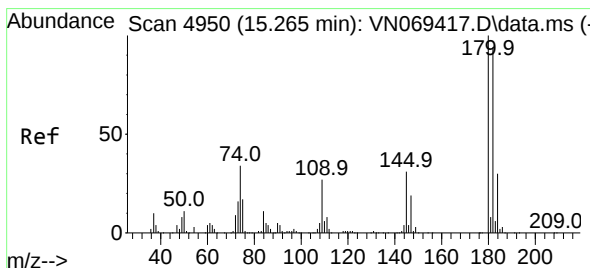
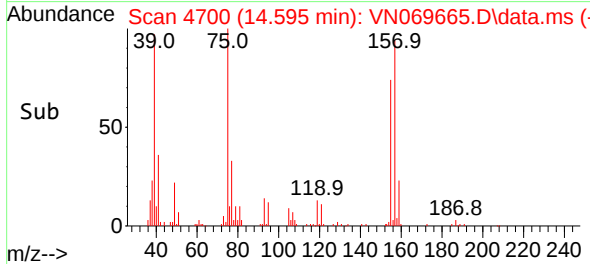
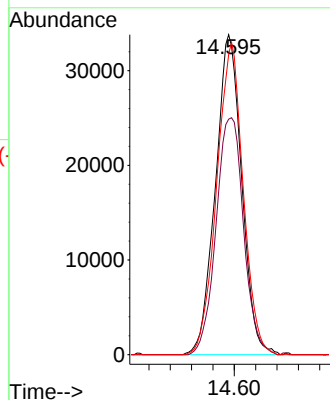
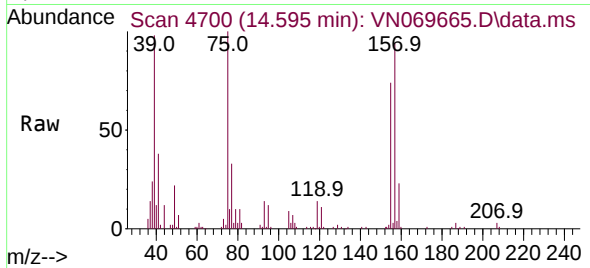




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.988 ug/l  
 RT: 14.595 min Scan# 41  
 Delta R.T. -0.011 min  
 Lab File: VN069665.D  
 Acq: 29 Nov 2021 15:47

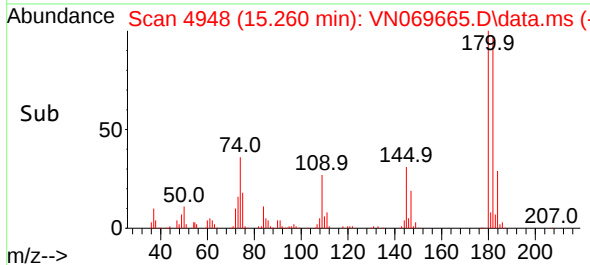
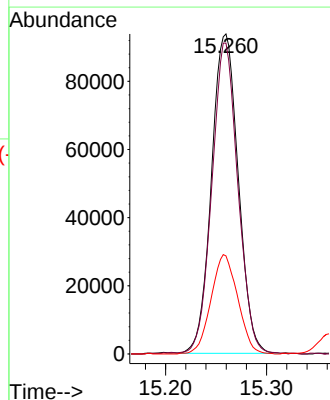
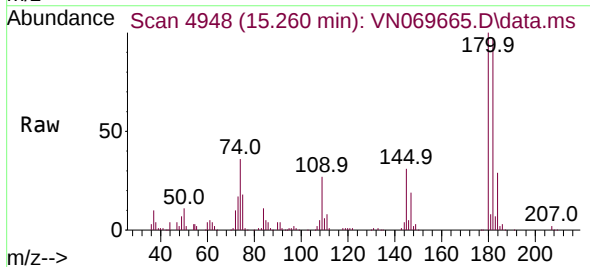
Instrument :  
 MSVOA\_N  
 ClientSampleId :

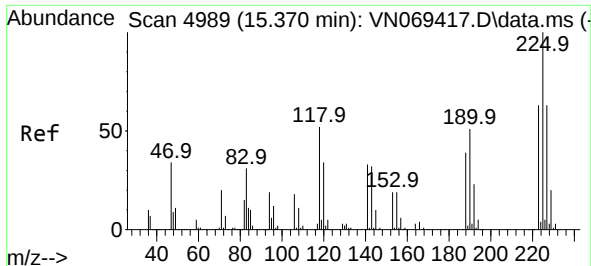
Tgt Ion: 75 Resp: 57648  
 Ion Ratio Lower Upper  
 75 100  
 155 77.7 46.9 140.7  
 157 98.0 60.6 181.7



#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.032 ug/l  
 RT: 15.260 min Scan# 4948  
 Delta R.T. -0.005 min  
 Lab File: VN069665.D  
 Acq: 29 Nov 2021 15:47

Tgt Ion:180 Resp: 172166  
 Ion Ratio Lower Upper  
 180 100  
 182 95.1 48.3 144.9  
 145 31.1 14.5 43.5





#94

Hexachlorobutadiene

Concen: 22.216 ug/l

RT: 15.364 min Scan# 4989

Delta R.T. -0.006 min

Lab File: VN069665.D

Acq: 29 Nov 2021 15:47

Instrument :

MSVOA\_N

ClientSampleId :

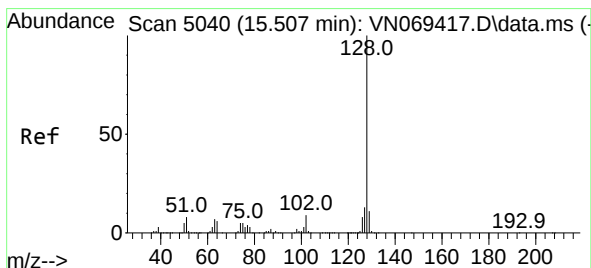
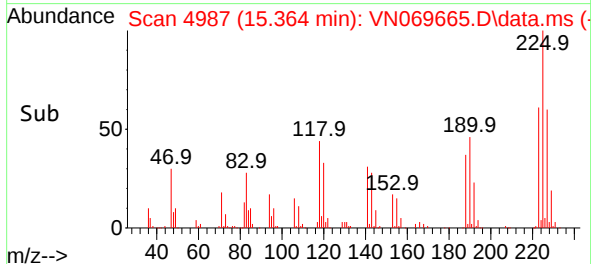
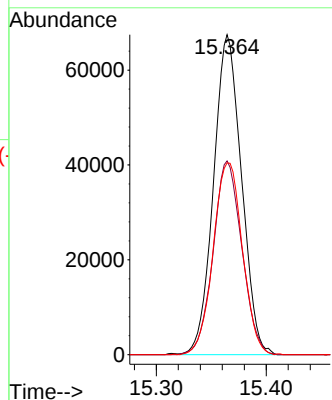
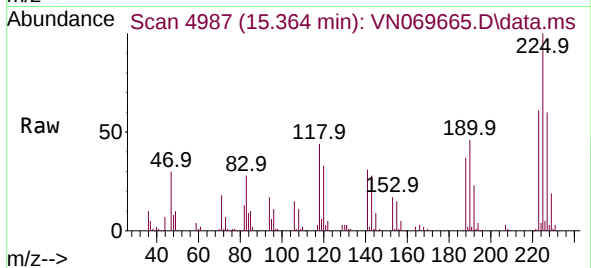
Tgt Ion:225 Resp: 119222

Ion Ratio Lower Upper

225 100

223 62.1 31.9 95.7

227 62.8 32.1 96.3



#95

Naphthalene

Concen: 17.088 ug/l

RT: 15.501 min Scan# 5038

Delta R.T. -0.006 min

Lab File: VN069665.D

Acq: 29 Nov 2021 15:47

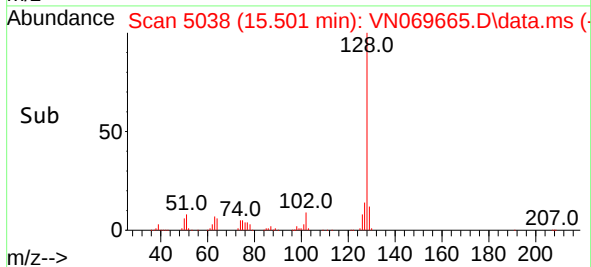
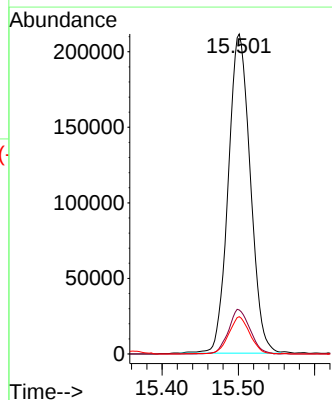
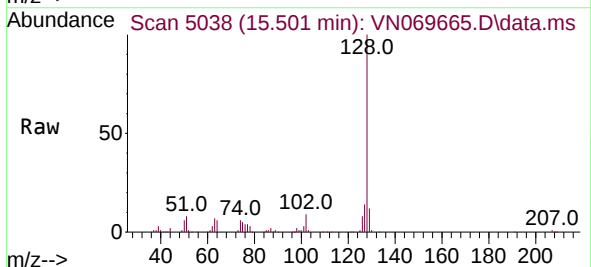
Tgt Ion:128 Resp: 423370

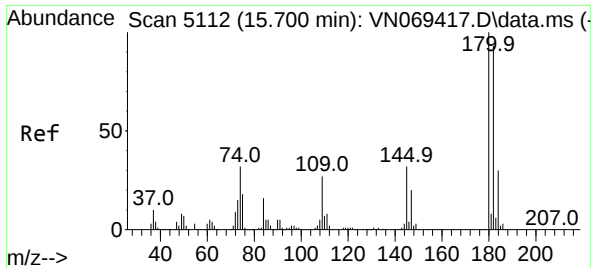
Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 10.9 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 18.351 ug/l

RT: 15.694 min Scan# 51

Delta R.T. -0.006 min

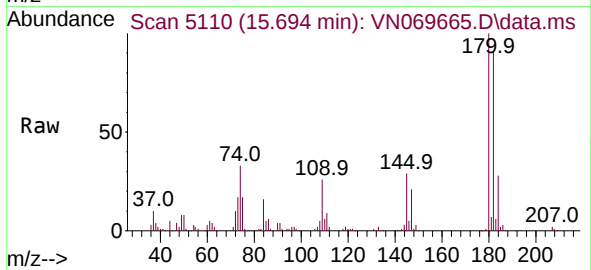
Lab File: VN069665.D

Acq: 29 Nov 2021 15:47

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion:180 Resp: 167742

Ion Ratio Lower Upper

180 100

182 95.5 47.4 142.2

145 32.4 15.0 45.1

