

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092421\  
 Data File : VN068639.D  
 Acq On : 24 Sep 2021 15:20  
 Operator : JC/MD  
 Sample : VN0924WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0924WBSD01

Quant Time: Sep 24 17:20:20 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092321W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 23 13:52:37 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.088  | 168  | 379138   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 8.971  | 114  | 643221   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.746 | 117  | 589361   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.675 | 152  | 350939   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 297231   | 50.246   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 100.500% |      |
| 35) Dibromofluoromethane    | 8.021  | 113   | 225402   | 52.389   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 104.780% |      |
| 50) Toluene-d8              | 10.443 | 98    | 873795   | 47.899   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 95.800%  |      |
| 62) 4-Bromofluorobenzene    | 12.733 | 95    | 300572   | 48.177   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 96.360%  |      |

|                              |       |     |         |         |        |      |
|------------------------------|-------|-----|---------|---------|--------|------|
| Target Compounds             |       |     |         |         | Qvalue |      |
| 2) Dichlorodifluoromethane   | 2.073 | 85  | 83405   | 20.578  | ug/l   | 96   |
| 3) Chloromethane             | 2.301 | 50  | 104999  | 15.707  | ug/l   | 97   |
| 4) Vinyl Chloride            | 2.443 | 62  | 120205  | 18.518  | ug/l   | 96   |
| 5) Bromomethane              | 2.856 | 94  | 86955   | 29.419  | ug/l   | 96   |
| 6) Chloroethane              | 3.019 | 64  | 87650   | 24.766  | ug/l   | 98   |
| 7) Trichlorofluoromethane    | 3.376 | 101 | 144348  | 19.111  | ug/l   | 99   |
| 8) Diethyl Ether             | 3.827 | 74  | 53156   | 20.033  | ug/l   | 92   |
| 9) 1,1,2-Trichlorotrifluo... | 4.215 | 101 | 81387   | 20.159  | ug/l   | 91   |
| 10) Methyl Iodide            | 4.427 | 142 | 87979   | 18.129  | ug/l   | 92   |
| 11) Tert butyl alcohol       | 5.358 | 59  | 81093   | 89.011  | ug/l   | # 86 |
| 12) 1,1-Dichloroethene       | 4.183 | 96  | 74264   | 19.365  | ug/l   | 92   |
| 13) Acrolein                 | 4.041 | 56  | 25567   | 93.810  | ug/l   | 98   |
| 14) Allyl chloride           | 4.843 | 41  | 142087  | 17.850  | ug/l   | 97   |
| 15) Acrylonitrile            | 5.554 | 53  | 241498  | 98.345  | ug/l   | 99   |
| 16) Acetone                  | 4.285 | 43  | 204458  | 87.799  | ug/l   | 95   |
| 17) Carbon Disulfide         | 4.535 | 76  | 201056  | 17.683  | ug/l   | 98   |
| 18) Methyl Acetate           | 4.859 | 43  | 163154  | 18.741  | ug/l   | 100  |
| 19) Methyl tert-butyl Ether  | 5.610 | 73  | 144473  | 10.041  | ug/l   | 97   |
| 20) Methylene Chloride       | 5.098 | 84  | 95514   | 20.108  | ug/l   | 98   |
| 21) trans-1,2-Dichloroethene | 5.597 | 96  | 80819   | 19.379  | ug/l   | 95   |
| 22) Diisopropyl ether        | 6.495 | 45  | 322301  | 19.653  | ug/l   | 97   |
| 23) Vinyl Acetate            | 6.436 | 43  | 1264607 | 97.962  | ug/l   | 98   |
| 24) 1,1-Dichloroethane       | 6.388 | 63  | 168537  | 19.824  | ug/l   | 99   |
| 25) 2-Butanone               | 7.335 | 43  | 342279  | 94.859  | ug/l   | 99   |
| 26) 2,2-Dichloropropane      | 7.329 | 77  | 135016  | 18.612  | ug/l   | 94   |
| 27) cis-1,2-Dichloroethene   | 7.329 | 96  | 98240   | 19.992  | ug/l   | 92   |
| 28) Bromochloromethane       | 7.662 | 49  | 33484   | 8.838   | ug/l   | 90   |
| 29) Tetrahydrofuran          | 7.683 | 42  | 229899  | 100.237 | ug/l   | 98   |
| 30) Chloroform               | 7.820 | 83  | 174252  | 20.213  | ug/l   | 97   |
| 31) Cyclohexane              | 8.094 | 56  | 157786  | 18.999  | ug/l   | 97   |
| 32) 1,1,1-Trichloroethane    | 8.016 | 97  | 152438  | 20.199  | ug/l   | 100  |
| 36) 1,1-Dichloropropene      | 8.222 | 75  | 125721  | 19.353  | ug/l   | 96   |
| 37) Ethyl Acetate            | 7.412 | 43  | 142123  | 19.270  | ug/l   | 97   |
| 38) Carbon Tetrachloride     | 8.212 | 117 | 134199  | 20.000  | ug/l   | 98   |
| 39) Methylcyclohexane        | 9.461 | 83  | 153120  | 20.121  | ug/l   | 99   |
| 40) Benzene                  | 8.461 | 78  | 379394  | 19.900  | ug/l   | 98   |

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 Operator : JC/MD  
 Sample : VN0924WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0924WBSD01

Quant Time: Sep 24 17:20:20 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092321W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 23 13:52:37 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.638  | 41   | 74649    | 19.137  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 147047   | 19.821  | ug/l   | 93       |
| 43) Isopropyl Acetate         | 8.560  | 43   | 249825   | 19.801  | ug/l   | 99       |
| 44) Trichloroethene           | 9.217  | 130  | 94943    | 20.663  | ug/l   | 82       |
| 45) 1,2-Dichloropropane       | 9.494  | 63   | 118574   | 23.622  | ug/l   | 100      |
| 46) Dibromomethane            | 9.577  | 93   | 72779    | 21.930  | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.762  | 83   | 148516   | 21.580  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.561  | 41   | 108720   | 18.867  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 33301    | 396.167 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.330 | 43   | 784245   | 102.784 | ug/l   | 98       |
| 52) Toluene                   | 10.507 | 92   | 242828   | 20.098  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 159110   | 20.957  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 169629   | 21.386  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.904 | 97   | 109883   | 23.461  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 161449   | 19.706  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.046 | 76   | 223235   | 27.301  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.043 | 63   | 157461   | 79.066  | ug/l   | 95       |
| 59) 2-Hexanone                | 11.087 | 43   | 734156   | 133.804 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.240 | 129  | 137109   | 27.088  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.347 | 107  | 122302   | 25.529  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.979 | 164  | 107559   | 27.793  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.773 | 112  | 263520   | 21.165  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 102859   | 22.629  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.846 | 91   | 481023   | 21.205  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.956 | 106  | 354630   | 42.593  | ug/l   | 87       |
| 69) o-Xylene                  | 12.283 | 106  | 194337   | 23.759  | ug/l   | 91       |
| 70) Styrene                   | 12.296 | 104  | 314905   | 23.936  | ug/l   | 95       |
| 71) Bromoform                 | 12.460 | 173  | 74649    | 21.770  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.583 | 105  | 453286   | 14.405  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.390 | 43   | 190266   | 14.167  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 149693   | 15.181  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.881 | 75   | 186922   | 21.542  | ug/l # | 100      |
| 77) Bromobenzene              | 12.862 | 156  | 110943   | 15.378  | ug/l   | 80       |
| 78) n-propylbenzene           | 12.921 | 91   | 519077   | 14.527  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.012 | 91   | 334290   | 15.484  | ug/l   | 91       |
| 80) 1,3,5-Trimethylbenzene    | 13.063 | 105  | 368320   | 14.905  | ug/l   | 93       |
| 81) trans-1,4-Dichloro-2-b... | 12.626 | 75   | 49019    | 15.957  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.104 | 91   | 315365   | 15.032  | ug/l   | 92       |
| 83) tert-Butylbenzene         | 13.326 | 119  | 328824   | 14.650  | ug/l   | 90       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 496671   | 20.617  | ug/l   | 94       |
| 85) sec-Butylbenzene          | 13.503 | 105  | 632980   | 20.729  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.618 | 119  | 511647   | 20.925  | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene       | 13.618 | 146  | 249369   | 20.370  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146  | 245007   | 19.707  | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.946 | 91   | 404112   | 19.049  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.211 | 117  | 81346    | 16.865  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 231083   | 19.463  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.605 | 75   | 28226    | 15.446  | ug/l   | 79       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 90775    | 15.413  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.372 | 225  | 48677    | 15.380  | ug/l   | 99       |
| 95) Naphthalene               | 15.509 | 128  | 221246   | 14.271  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 90112    | 15.660  | ug/l   | 98       |

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Acq On : 24 Sep 2021 15:20  
Operator : JC/MD  
Sample : VN0924WBSD01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

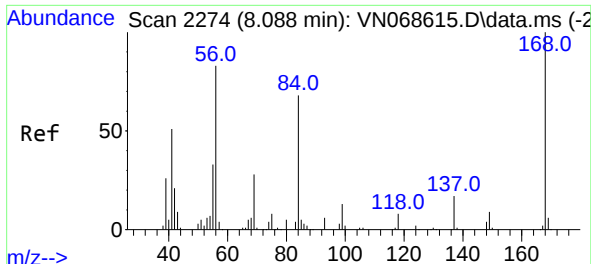
Quant Time: Sep 24 17:20:20 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092321W.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 23 13:52:37 2021  
Response via : Initial Calibration

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

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

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Quant Title : SW846 8260  
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Response via : Initial Calibration

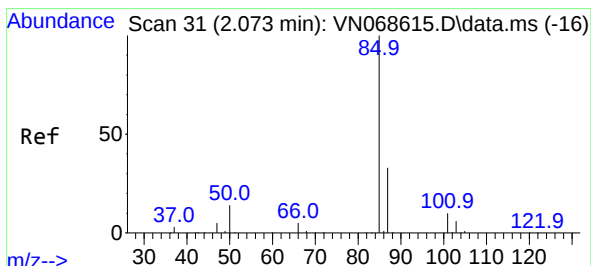
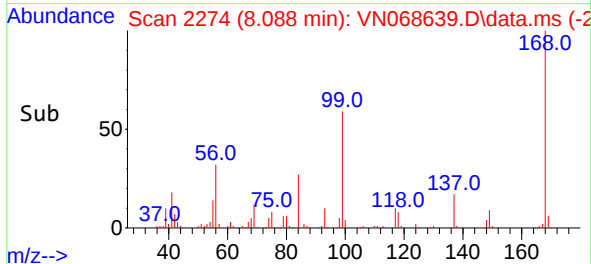
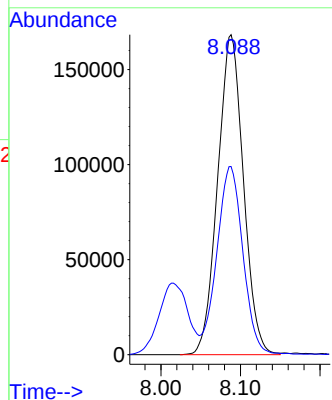
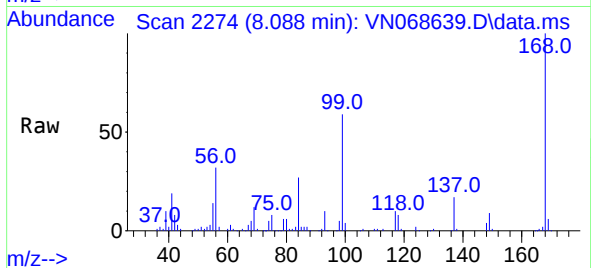




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

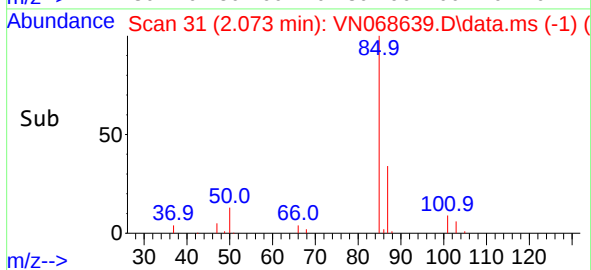
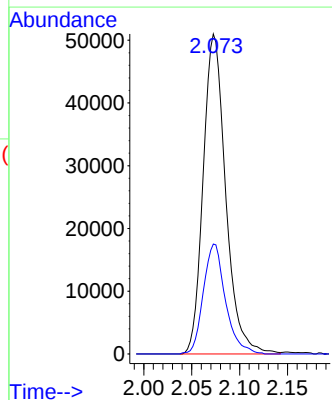
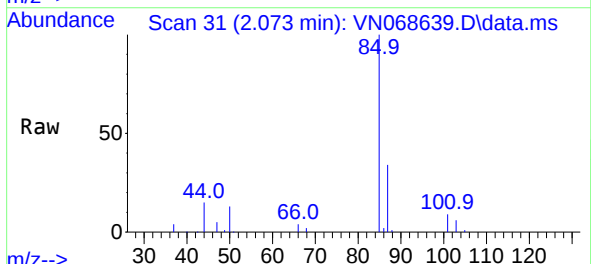
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

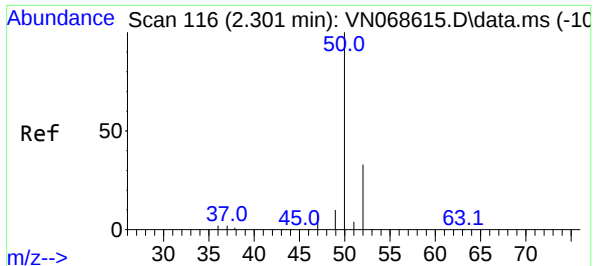
Tgt Ion:168 Resp: 379138  
Ion Ratio Lower Upper  
168 100  
99 58.4 62.9 94.3#



#2  
Dichlorodifluoromethane  
Concen: 20.578 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 85 Resp: 83405  
Ion Ratio Lower Upper  
85 100  
87 34.3 16.1 48.2

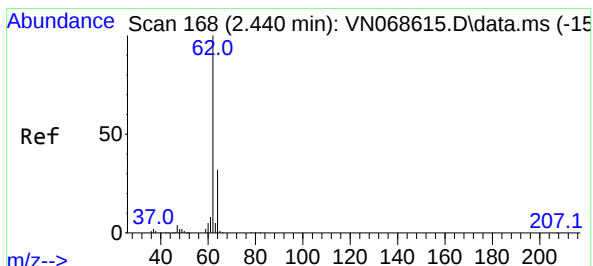
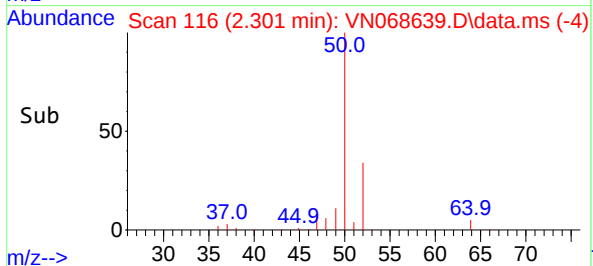
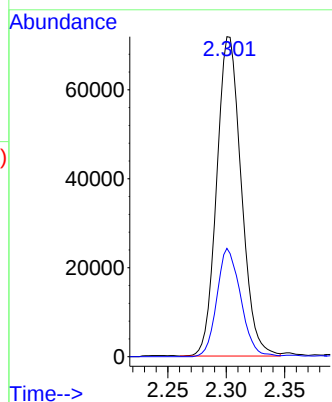
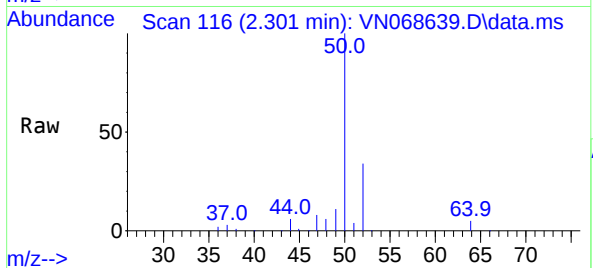




#3  
Chloromethane  
Concen: 15.707 ug/l  
RT: 2.301 min Scan# 116  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

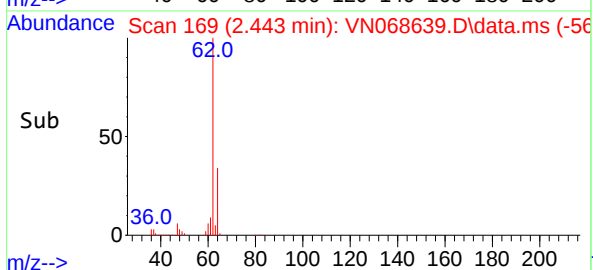
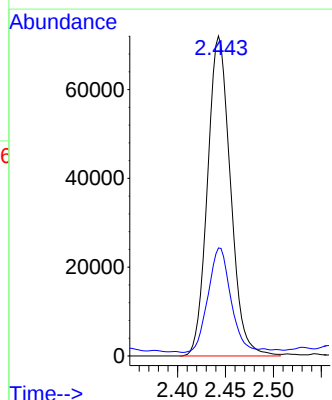
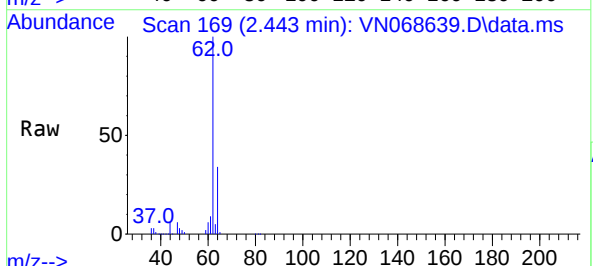
Instrument :  
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ClientSampleId :  
VN0924WBSD01

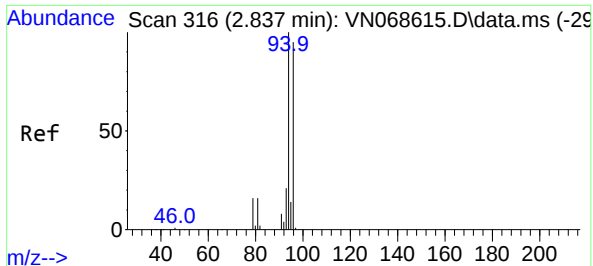
Tgt Ion: 50 Resp: 104999  
Ion Ratio Lower Upper  
50 100  
52 33.9 25.6 38.4



#4  
Vinyl Chloride  
Concen: 18.518 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. 0.003 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 62 Resp: 120205  
Ion Ratio Lower Upper  
62 100  
64 32.5 24.4 36.6

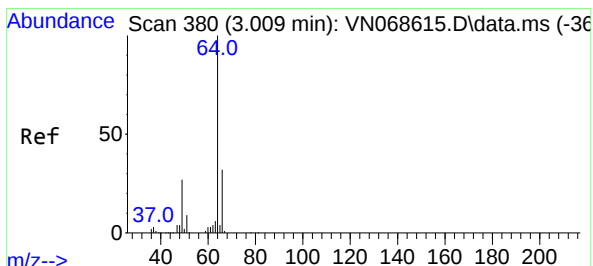
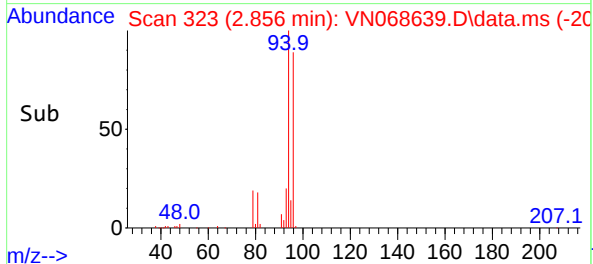
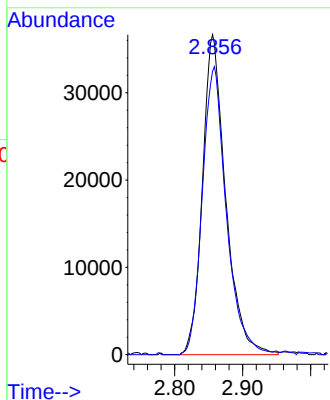
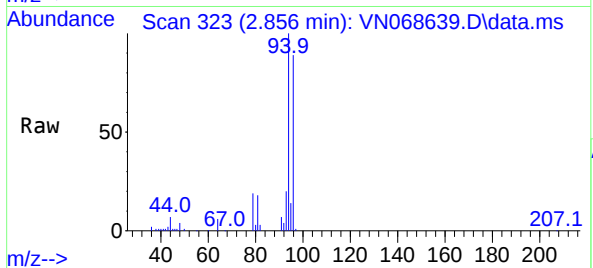




#5  
Bromomethane  
Concen: 29.419 ug/l  
RT: 2.856 min Scan# 323  
Delta R.T. 0.019 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

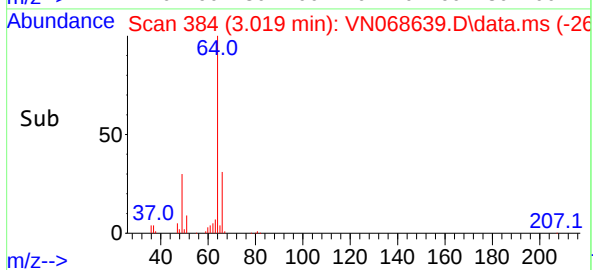
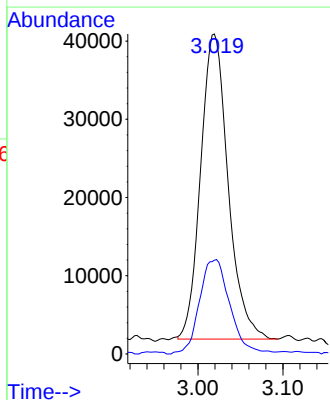
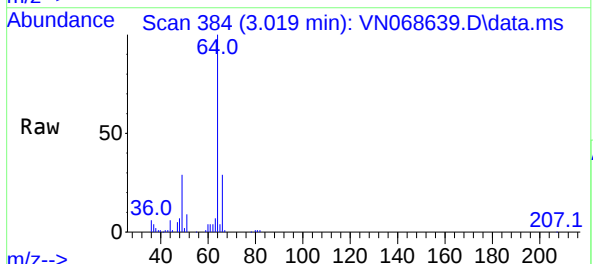
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

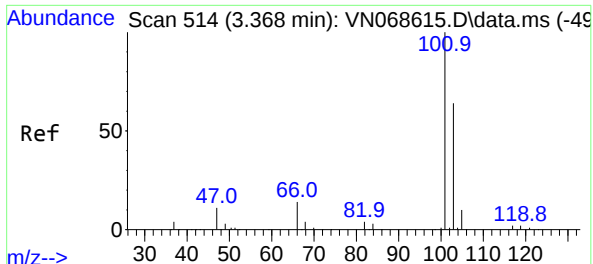
Tgt Ion: 94 Resp: 86955  
Ion Ratio Lower Upper  
94 100  
96 88.6 73.7 110.5



#6  
Chloroethane  
Concen: 24.766 ug/l  
RT: 3.019 min Scan# 384  
Delta R.T. 0.010 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 64 Resp: 87650  
Ion Ratio Lower Upper  
64 100  
66 30.1 24.7 37.1

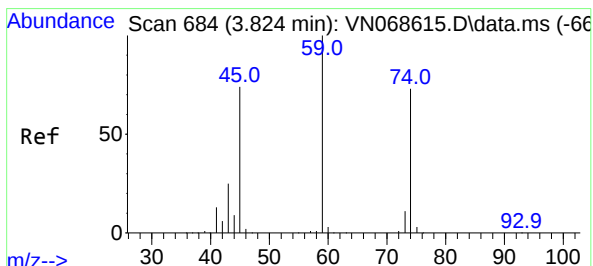
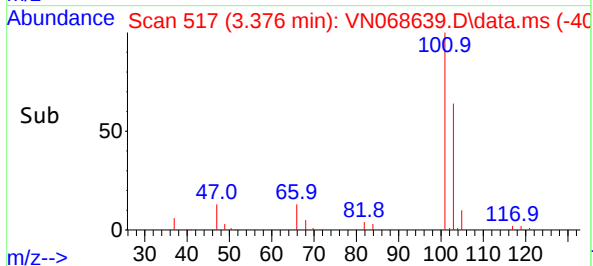
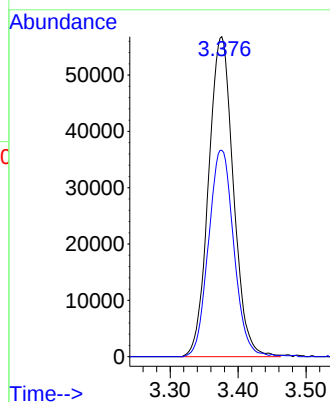
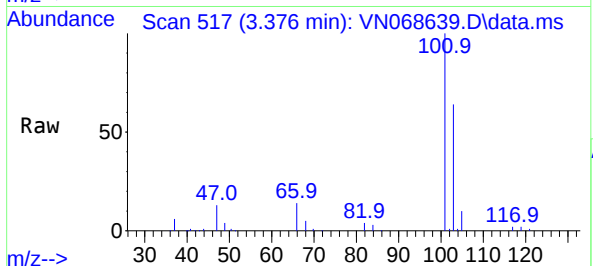




#7  
Trichlorofluoromethane  
Concen: 19.111 ug/l  
RT: 3.376 min Scan# 517  
Delta R.T. 0.008 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

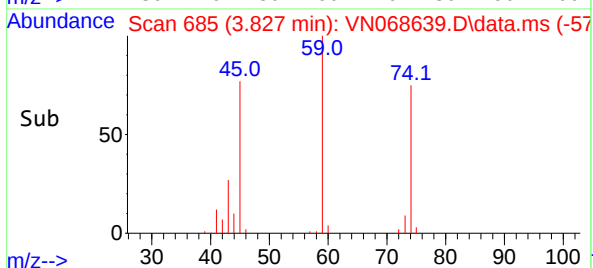
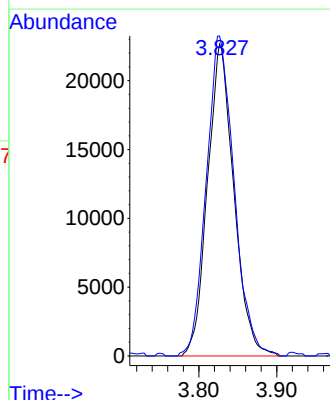
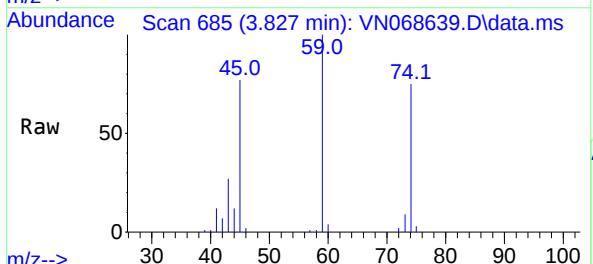
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

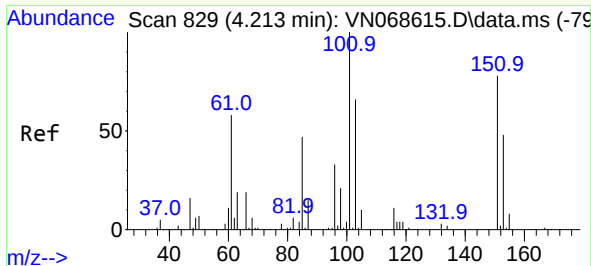
Tgt Ion:101 Resp: 144348  
Ion Ratio Lower Upper  
101 100  
103 64.5 51.2 76.8



#8  
Diethyl Ether  
Concen: 20.033 ug/l  
RT: 3.827 min Scan# 685  
Delta R.T. 0.003 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 74 Resp: 53156  
Ion Ratio Lower Upper  
74 100  
45 108.5 50.2 150.7

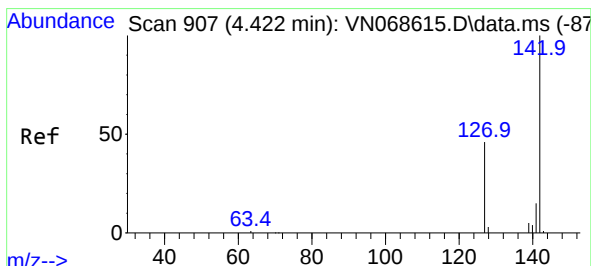
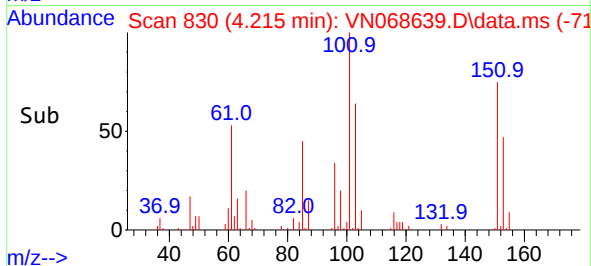
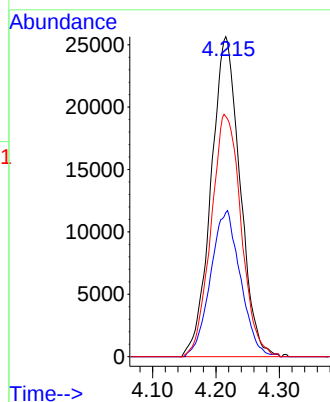
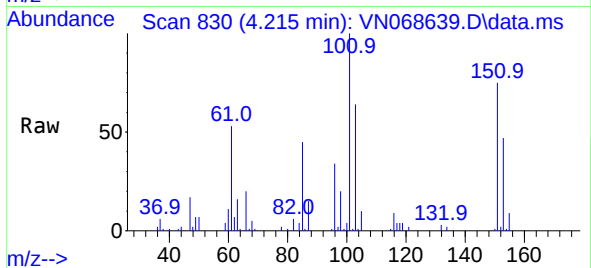




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.159 ug/l  
RT: 4.215 min Scan# 830  
Delta R.T. 0.002 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

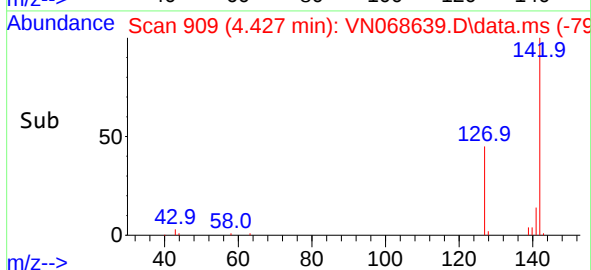
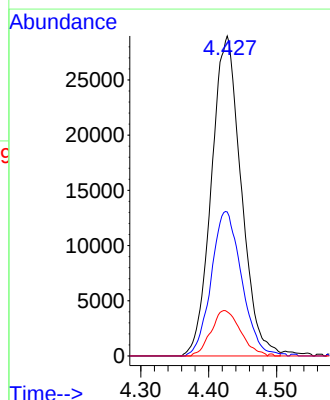
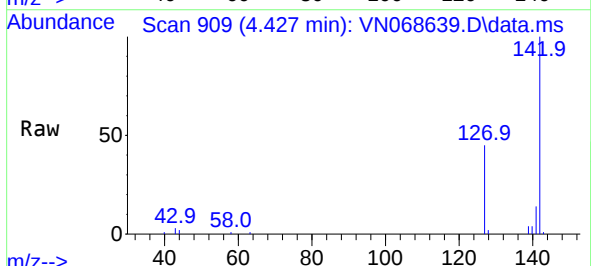
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

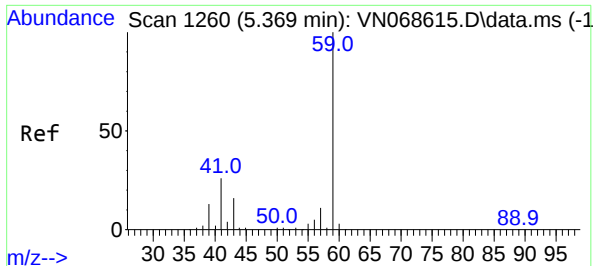
Tgt Ion:101 Resp: 81387  
Ion Ratio Lower Upper  
101 100  
85 47.1 39.6 59.4  
151 78.5 54.1 81.1



#10  
Methyl Iodide  
Concen: 18.129 ug/l  
RT: 4.427 min Scan# 909  
Delta R.T. 0.005 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion:142 Resp: 87979  
Ion Ratio Lower Upper  
142 100  
127 46.3 43.1 64.7  
141 14.1 11.4 17.0



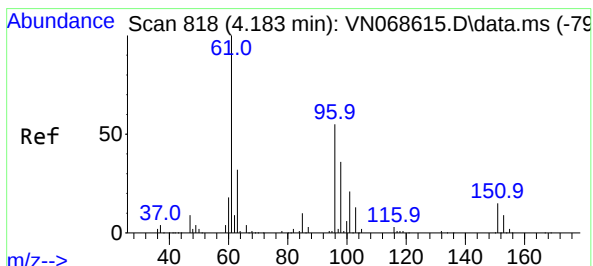
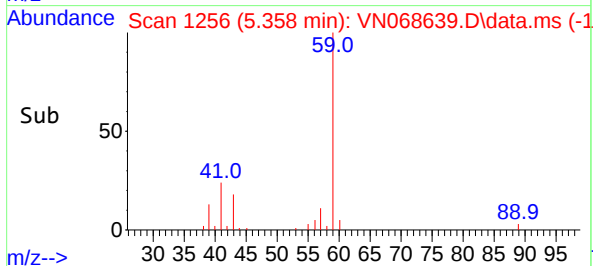
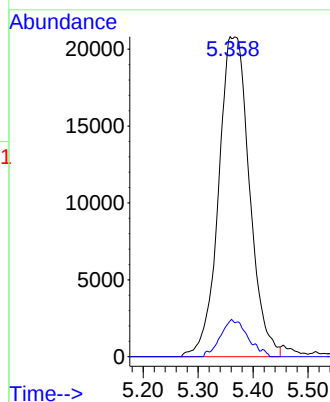
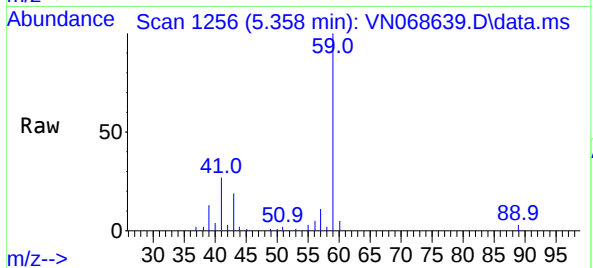


#11

Tert butyl alcohol  
Concen: 89.011 ug/l  
RT: 5.358 min Scan# 1256  
Delta R.T. -0.011 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

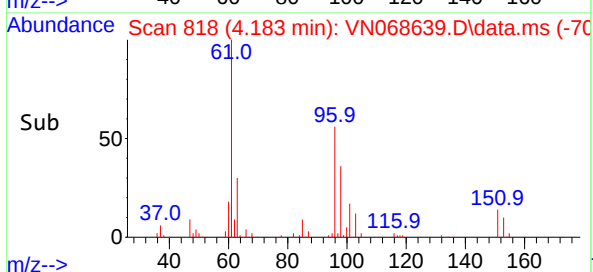
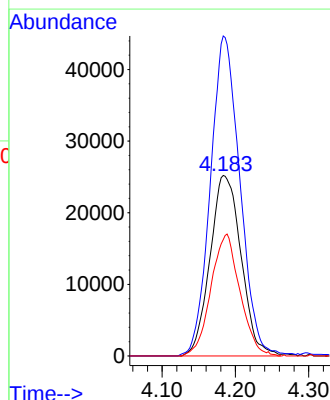
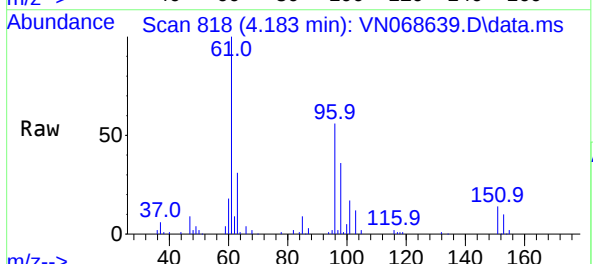
Tgt Ion: 59 Resp: 81093  
Ion Ratio Lower Upper  
59 100  
57 5.8 8.7 13.1#

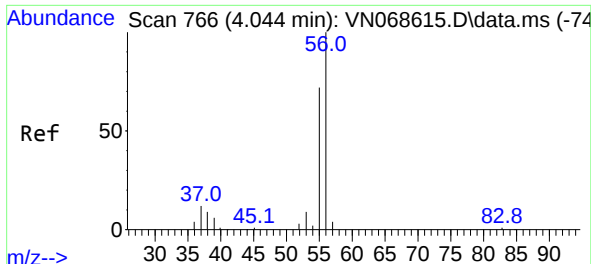


#12

1,1-Dichloroethene  
Concen: 19.365 ug/l  
RT: 4.183 min Scan# 818  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 96 Resp: 74264  
Ion Ratio Lower Upper  
96 100  
61 176.6 152.6 229.0  
98 64.4 50.9 76.3

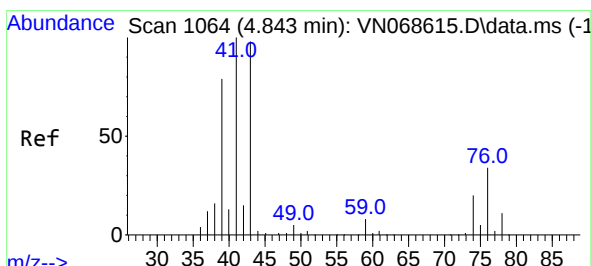
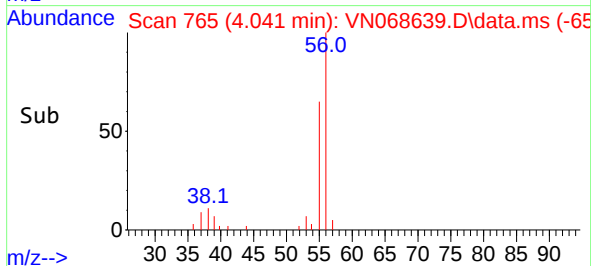
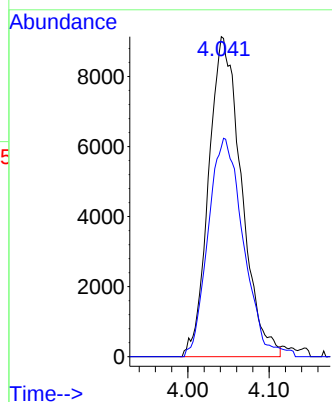
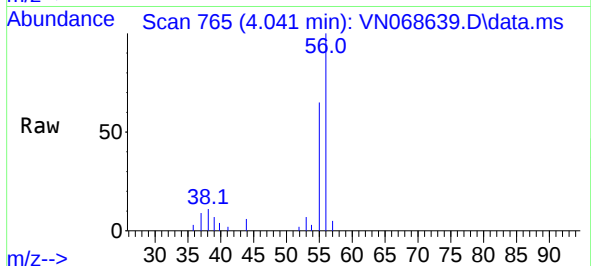




#13  
Acrolein  
Concen: 93.810 ug/l  
RT: 4.041 min Scan# 765  
Delta R.T. -0.003 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

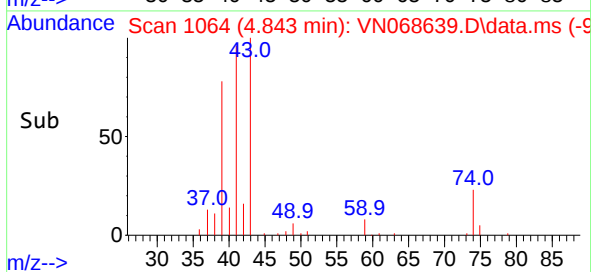
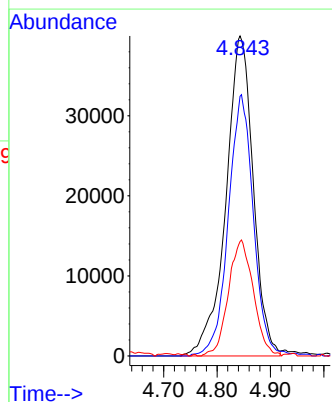
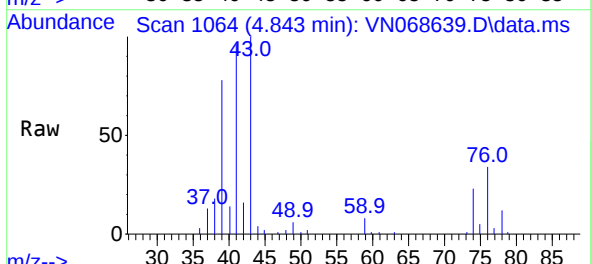
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

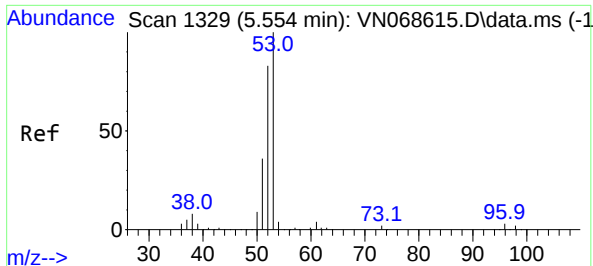
Tgt Ion: 56 Resp: 25567  
Ion Ratio Lower Upper  
56 100  
55 73.6 57.4 86.0



#14  
Allyl chloride  
Concen: 17.850 ug/l  
RT: 4.843 min Scan# 1064  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 41 Resp: 142087  
Ion Ratio Lower Upper  
41 100  
39 74.8 60.9 91.3  
76 33.1 24.3 36.5

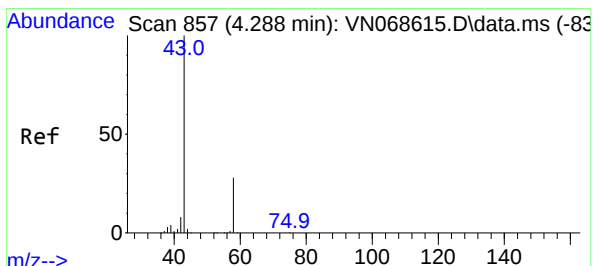
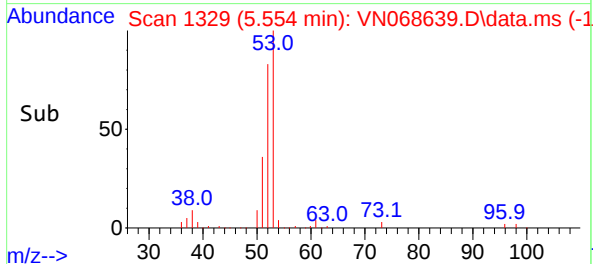
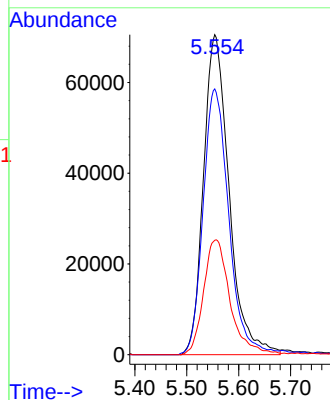
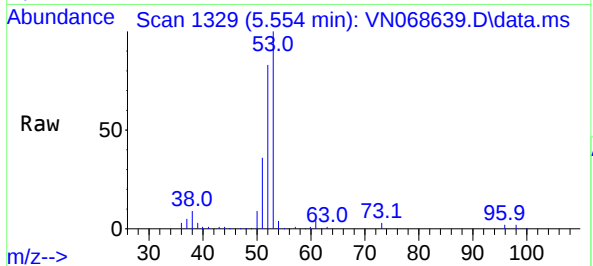




#15  
Acrylonitrile  
Concen: 98.345 ug/l  
RT: 5.554 min Scan# 1329  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

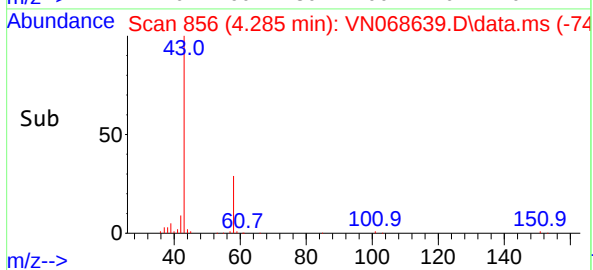
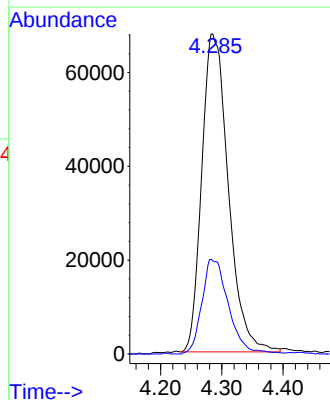
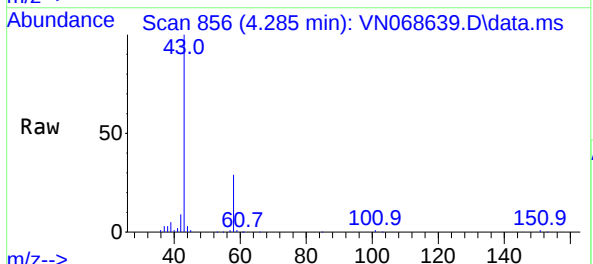
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

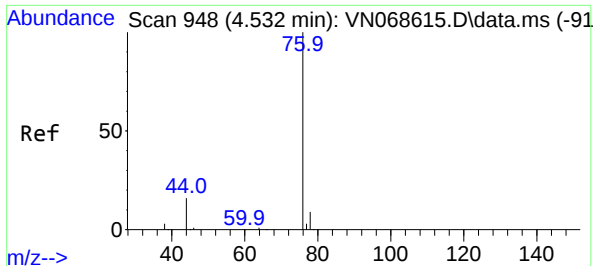
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 241498 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.0  | 66.2  | 99.2   |
| 51       | 37.1  | 30.2  | 45.4   |



#16  
Acetone  
Concen: 87.799 ug/l  
RT: 4.285 min Scan# 856  
Delta R.T. -0.003 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 204458 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 29.3  | 21.2  | 31.8   |

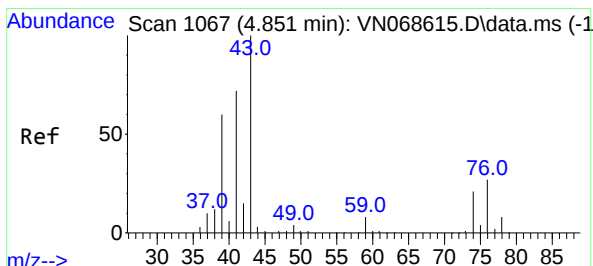
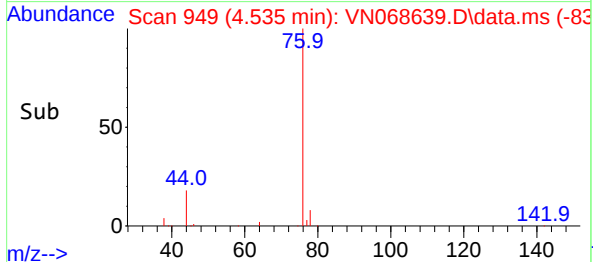
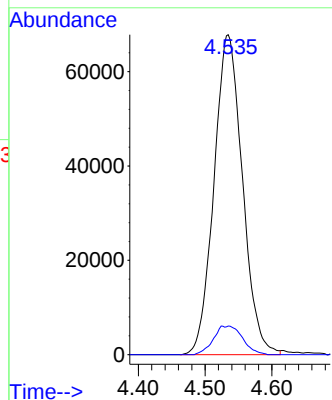
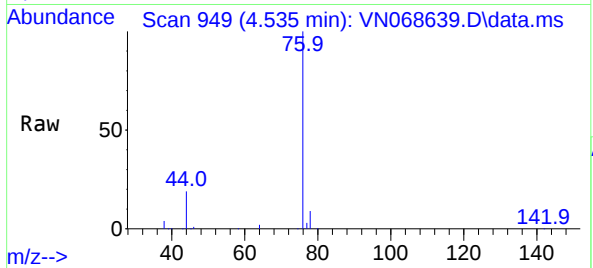




#17  
Carbon Disulfide  
Concen: 17.683 ug/l  
RT: 4.535 min Scan# 949  
Delta R.T. 0.003 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

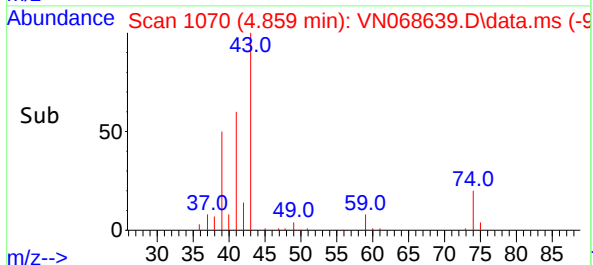
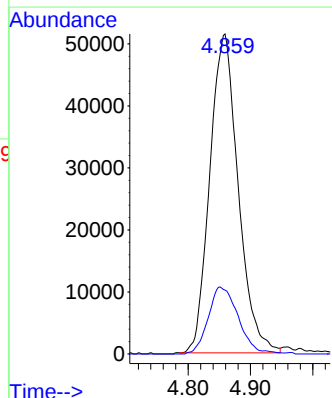
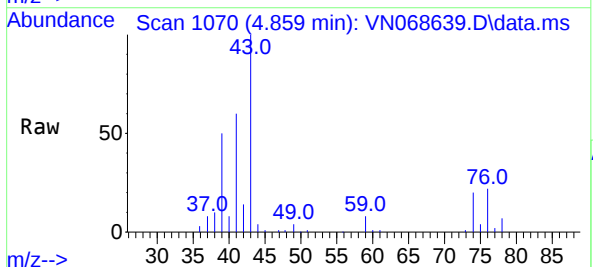
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

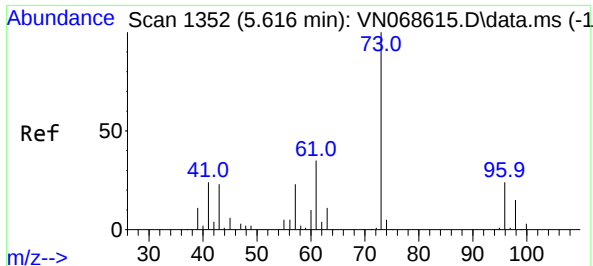
Tgt Ion: 76 Resp: 201056  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.7 11.5



#18  
Methyl Acetate  
Concen: 18.741 ug/l  
RT: 4.859 min Scan# 1070  
Delta R.T. 0.008 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 43 Resp: 163154  
Ion Ratio Lower Upper  
43 100  
74 21.8 17.4 26.0



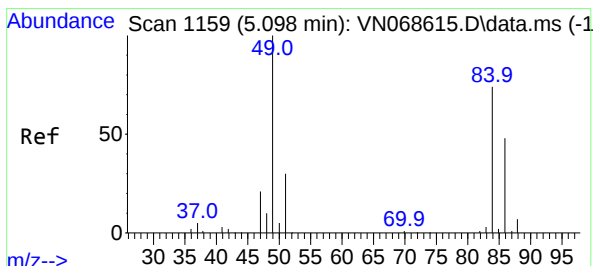
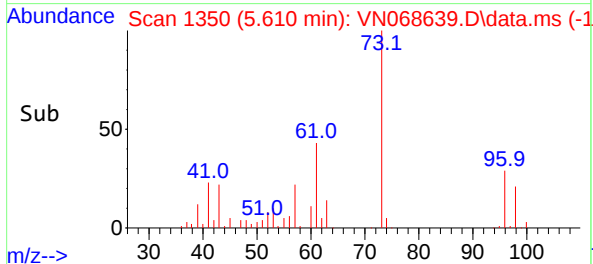
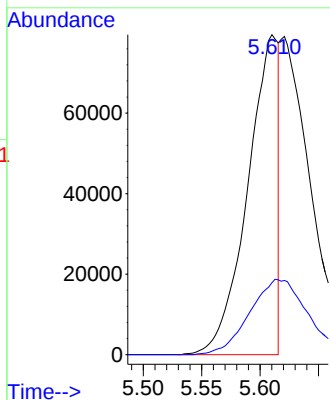
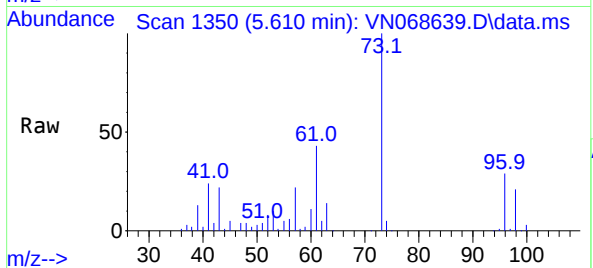


#19

Methyl tert-butyl Ether  
 Concen: 10.041 ug/l  
 RT: 5.610 min Scan# 1350  
 Delta R.T. -0.006 min  
 Lab File: VN068639.D  
 Acq: 24 Sep 2021 15:20

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0924WBSD01

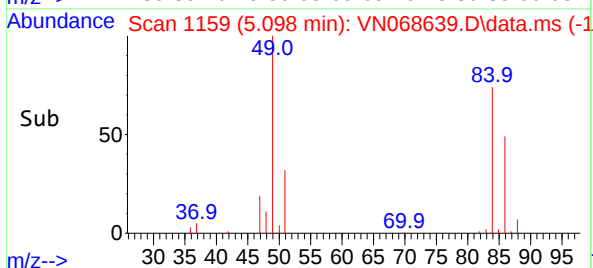
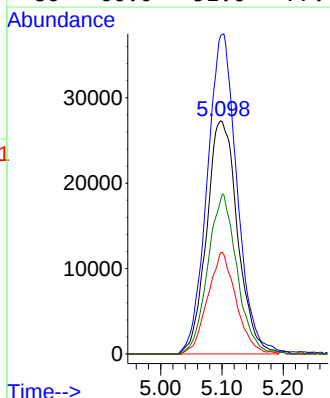
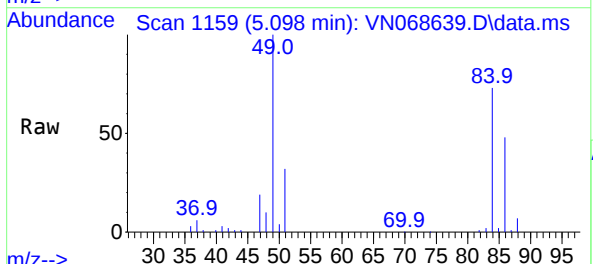
Tgt Ion: 73 Resp: 144473  
 Ion Ratio Lower Upper  
 73 100  
 57 22.5 17.0 25.6

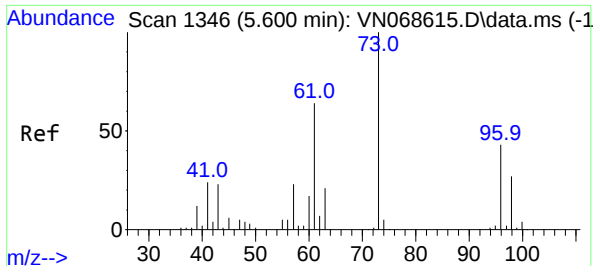


#20

Methylene Chloride  
 Concen: 20.108 ug/l  
 RT: 5.098 min Scan# 1159  
 Delta R.T. -0.000 min  
 Lab File: VN068639.D  
 Acq: 24 Sep 2021 15:20

Tgt Ion: 84 Resp: 95514  
 Ion Ratio Lower Upper  
 84 100  
 49 136.4 110.9 166.3  
 51 43.3 32.6 49.0  
 86 66.0 51.6 77.4

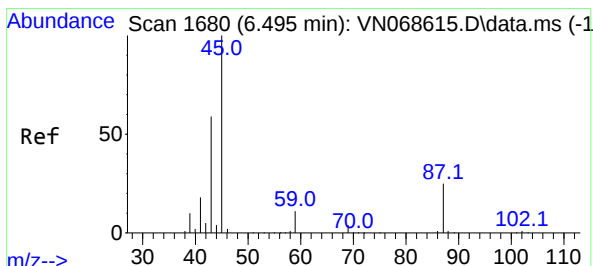
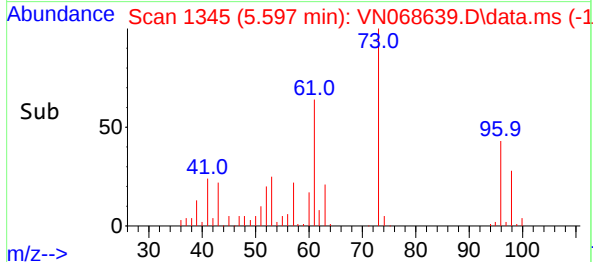
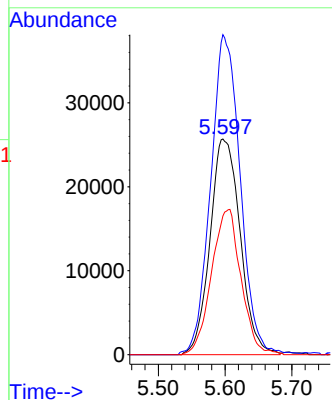
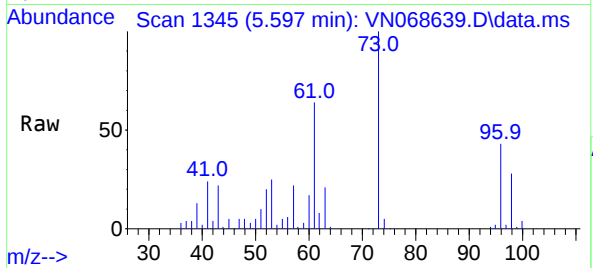




#21  
trans-1,2-Dichloroethene  
Concen: 19.379 ug/l  
RT: 5.597 min Scan# 1345  
Delta R.T. -0.003 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

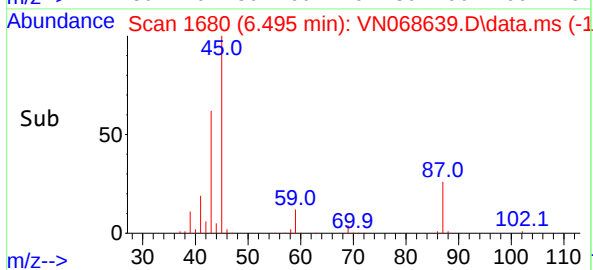
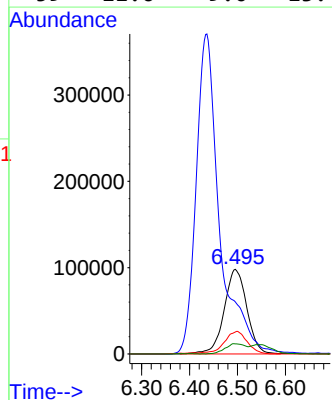
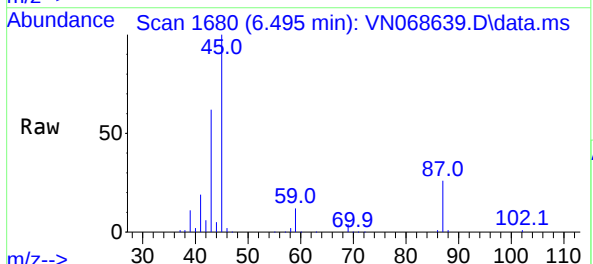
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

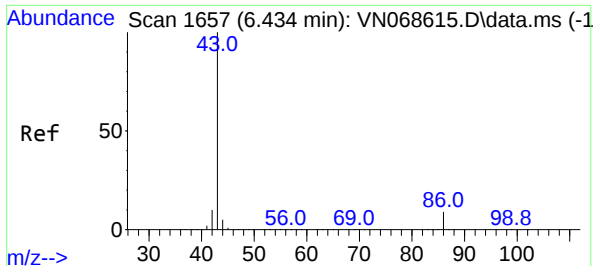
Tgt Ion: 96 Resp: 80819  
Ion Ratio Lower Upper  
96 100  
61 147.3 123.5 185.3  
98 64.3 48.6 72.8



#22  
Diisopropyl ether  
Concen: 19.653 ug/l  
RT: 6.495 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 45 Resp: 322301  
Ion Ratio Lower Upper  
45 100  
43 58.6 49.4 74.2  
87 25.9 20.9 31.3  
59 11.6 9.0 13.4

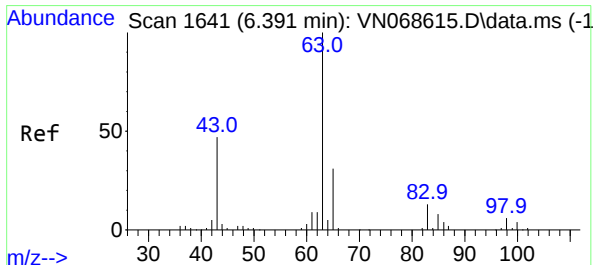
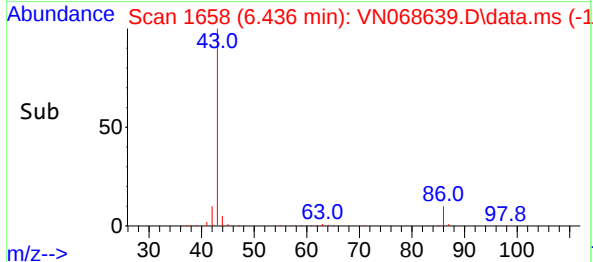
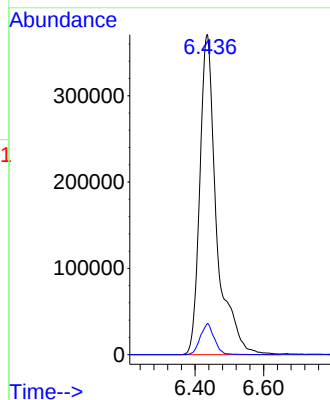
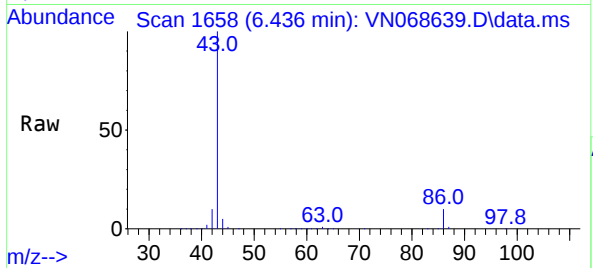




#23  
 Vinyl Acetate  
 Concen: 97.962 ug/l  
 RT: 6.436 min Scan# 1658  
 Delta R.T. 0.002 min  
 Lab File: VN068639.D  
 Acq: 24 Sep 2021 15:20

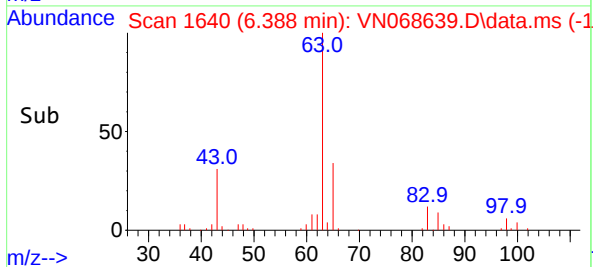
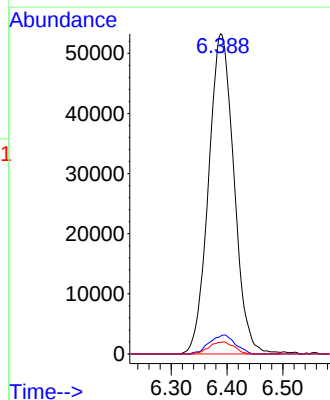
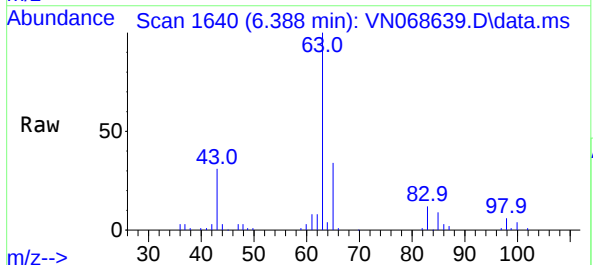
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 MSVOA\_N  
 ClientSampleId :  
 VN0924WBSD01

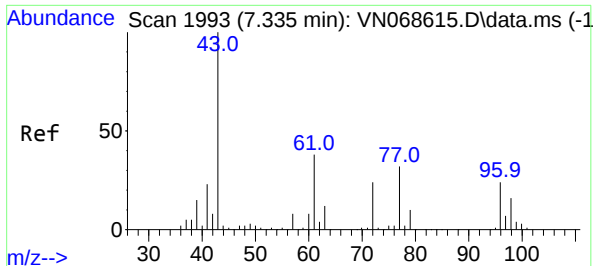
Tgt Ion: 43 Resp: 1264607  
 Ion Ratio Lower Upper  
 43 100  
 86 9.8 7.3 10.9



#24  
 1,1-Dichloroethane  
 Concen: 19.824 ug/l  
 RT: 6.388 min Scan# 1640  
 Delta R.T. -0.003 min  
 Lab File: VN068639.D  
 Acq: 24 Sep 2021 15:20

Tgt Ion: 63 Resp: 168537  
 Ion Ratio Lower Upper  
 63 100  
 98 5.5 3.0 9.0  
 100 3.6 1.9 5.7

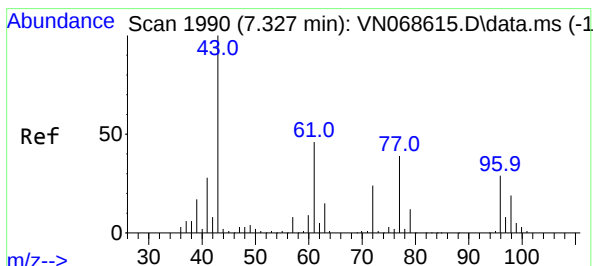
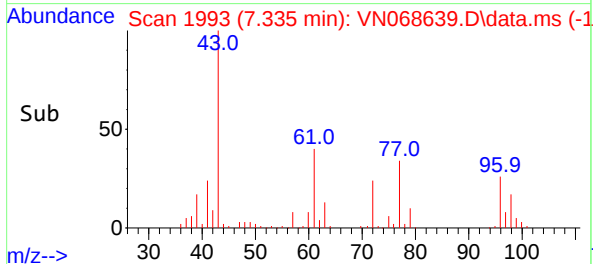
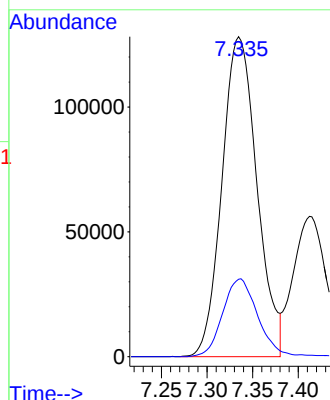
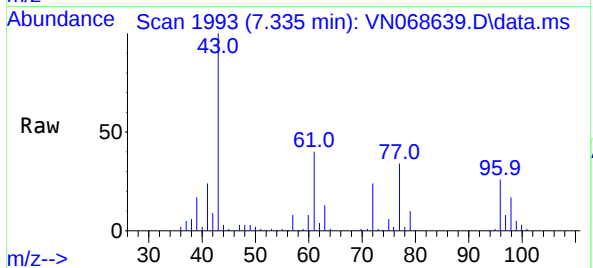




#25  
2-Butanone  
Concen: 94.859 ug/l  
RT: 7.335 min Scan# 1993  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

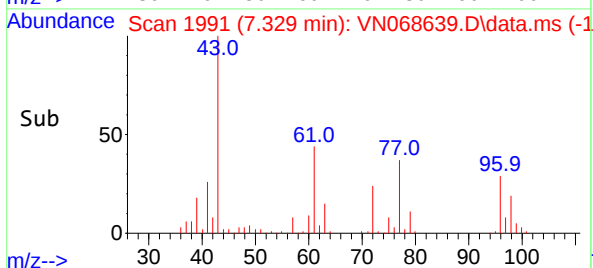
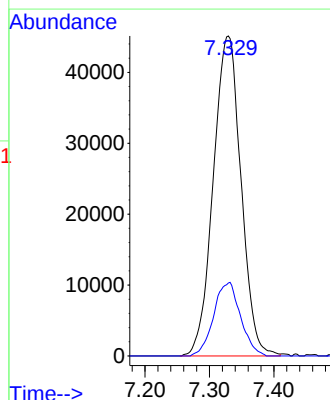
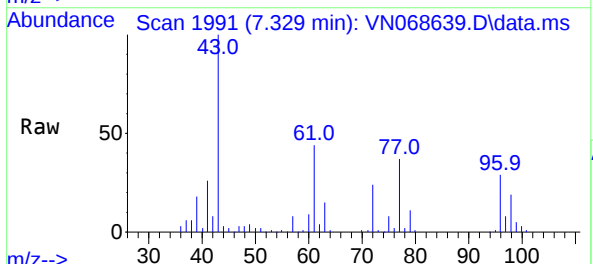
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ClientSampleId :  
VN0924WBSD01

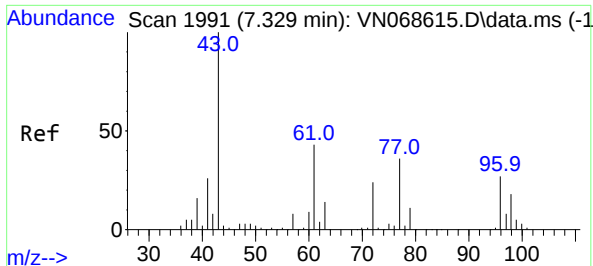
Tgt Ion: 43 Resp: 342279  
Ion Ratio Lower Upper  
43 100  
72 24.2 19.7 29.5



#26  
2,2-Dichloropropane  
Concen: 18.612 ug/l  
RT: 7.329 min Scan# 1991  
Delta R.T. 0.002 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 77 Resp: 135016  
Ion Ratio Lower Upper  
77 100  
97 22.3 9.8 29.3

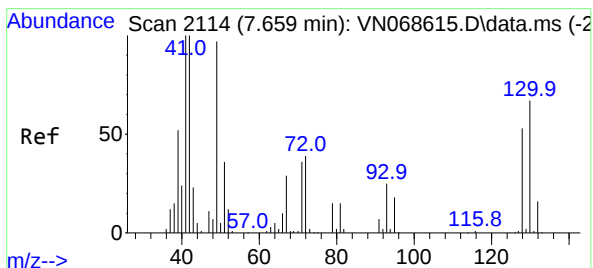
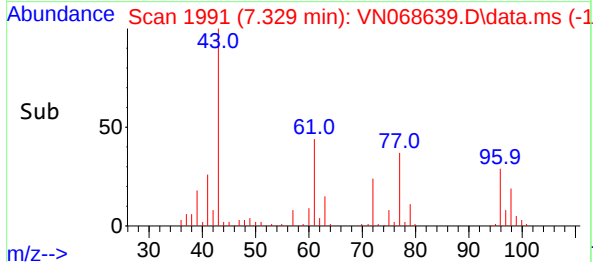
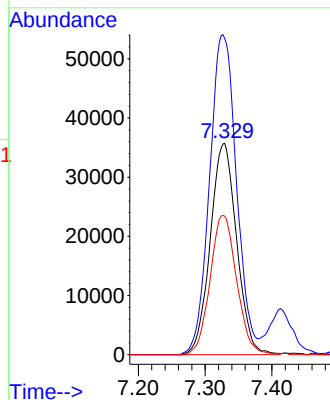
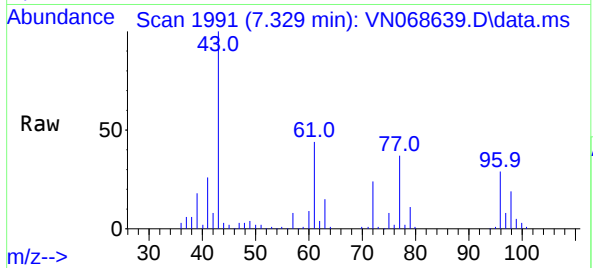




#27  
cis-1,2-Dichloroethene  
Concen: 19.992 ug/l  
RT: 7.329 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

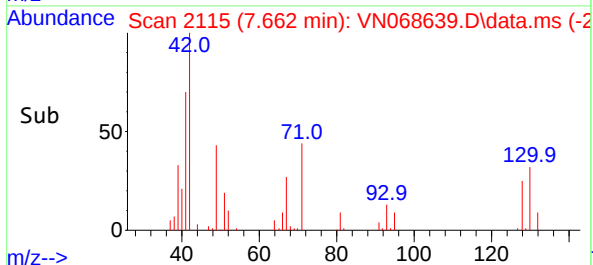
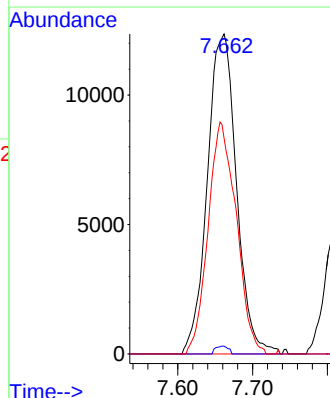
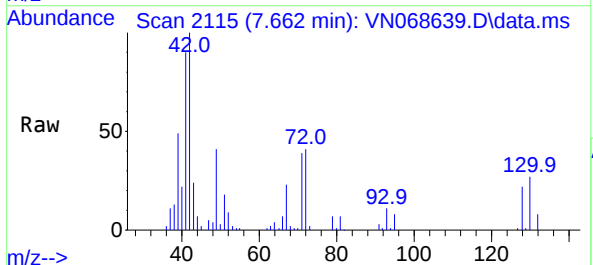
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

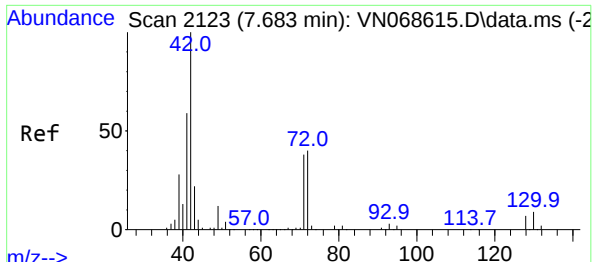
Tgt Ion: 96 Resp: 98240  
Ion Ratio Lower Upper  
96 100  
61 154.3 0.0 338.8  
98 66.0 0.0 129.8



#28  
Bromochloromethane  
Concen: 8.838 ug/l  
RT: 7.662 min Scan# 2115  
Delta R.T. 0.003 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 49 Resp: 33484  
Ion Ratio Lower Upper  
49 100  
129 1.1 0.0 3.8  
130 70.0 49.7 74.5

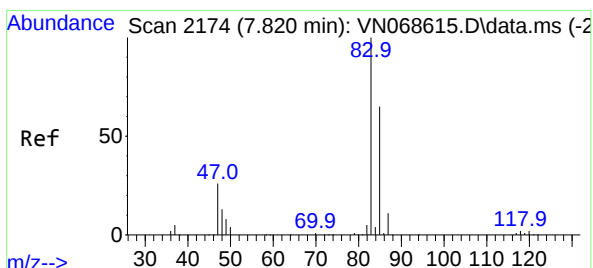
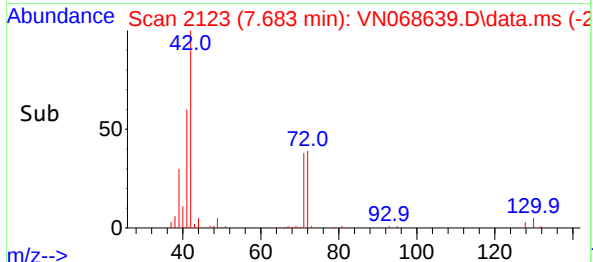
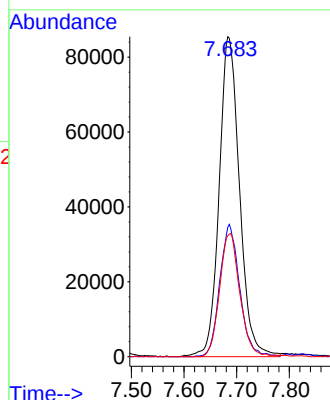
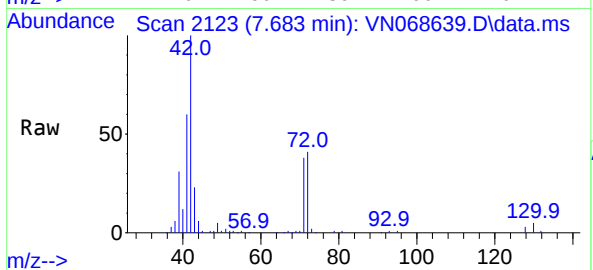




#29  
Tetrahydrofuran  
Concen: 100.237 ug/l  
RT: 7.683 min Scan# 2123  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

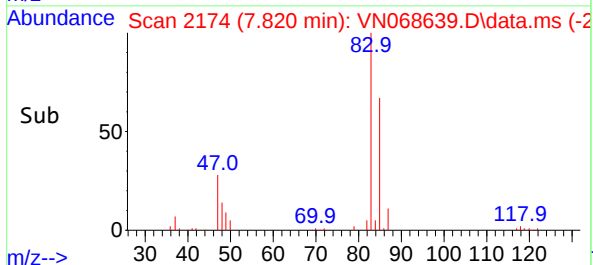
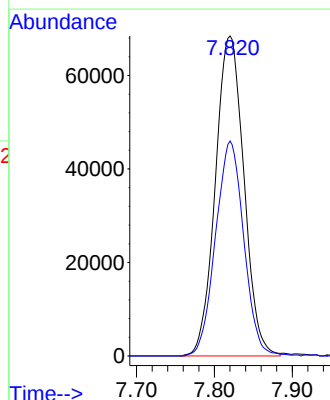
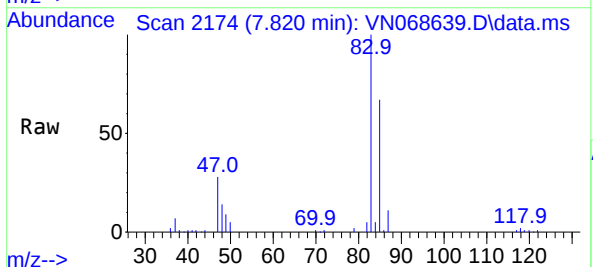
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

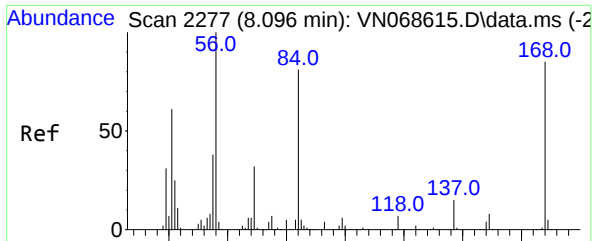
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 229899 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 40.1  | 32.8  | 49.2   |
| 71       | 37.8  | 31.2  | 46.8   |



#30  
Chloroform  
Concen: 20.213 ug/l  
RT: 7.820 min Scan# 2174  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 174252 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 67.1  | 51.5  | 77.3   |

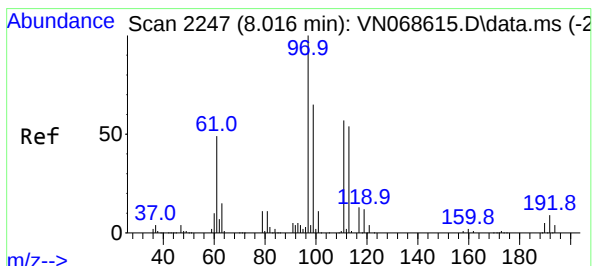
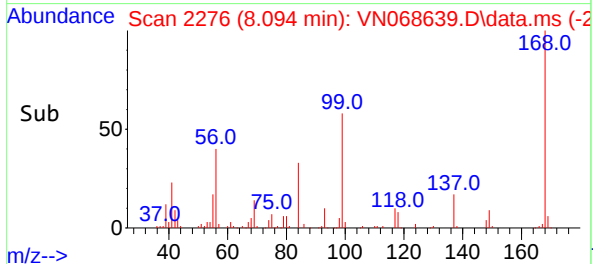
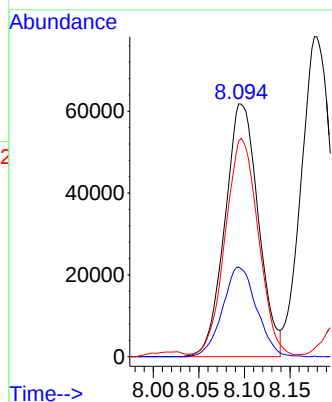
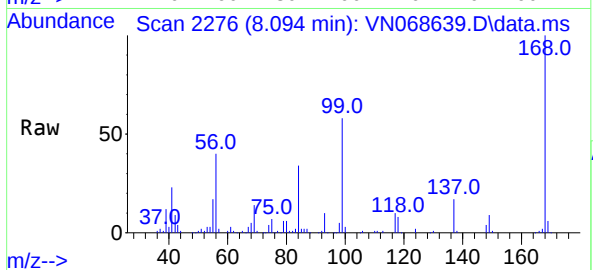




#31  
Cyclohexane  
Concen: 18.999 ug/l  
RT: 8.094 min Scan# 2276  
Delta R.T. -0.002 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

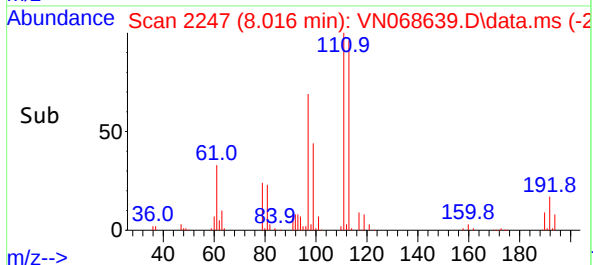
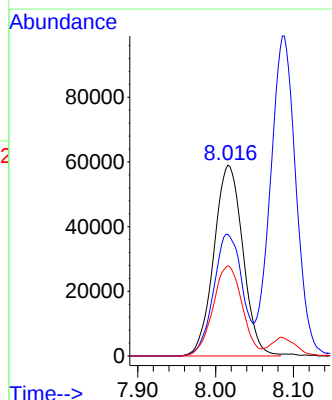
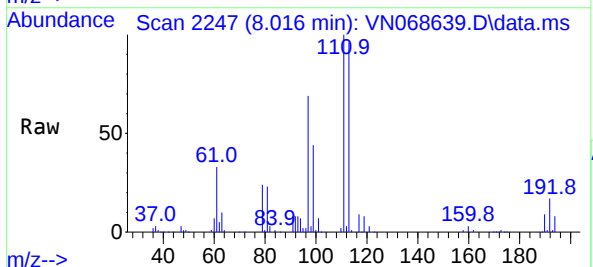
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MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

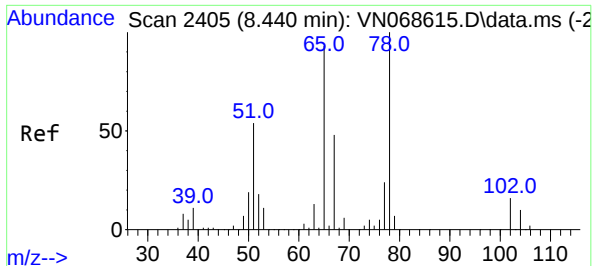
Tgt Ion: 56 Resp: 157786  
Ion Ratio Lower Upper  
56 100  
69 35.5 27.3 40.9  
84 83.5 64.9 97.3



#32  
1,1,1-Trichloroethane  
Concen: 20.199 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 97 Resp: 152438  
Ion Ratio Lower Upper  
97 100  
99 63.1 50.2 75.2  
61 47.6 38.2 57.2

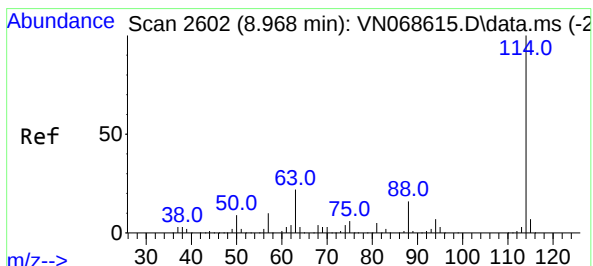
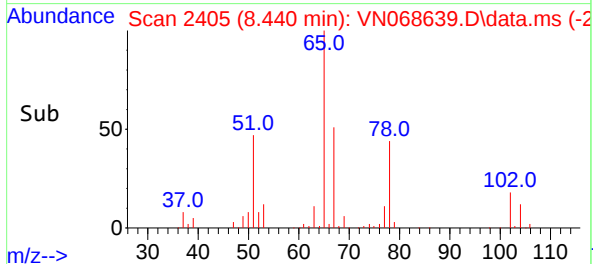
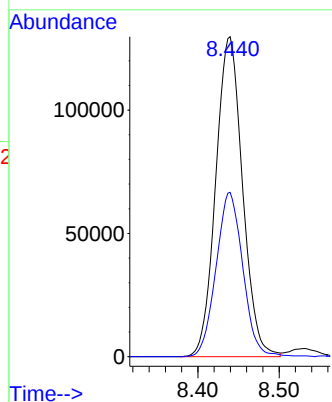
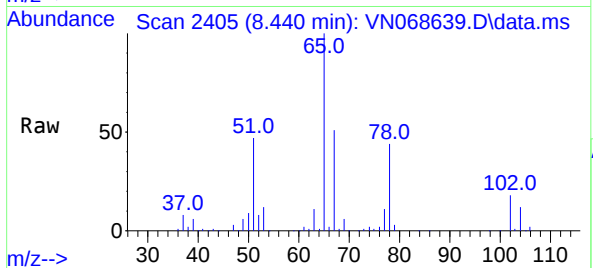




#33  
1,2-Dichloroethane-d4  
Concen: 50.246 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

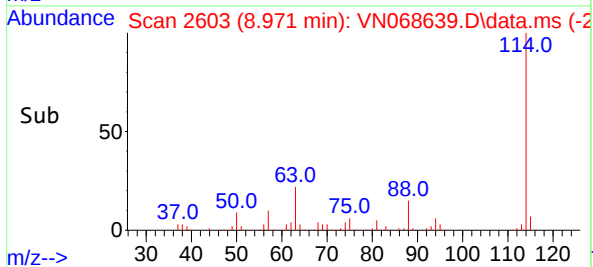
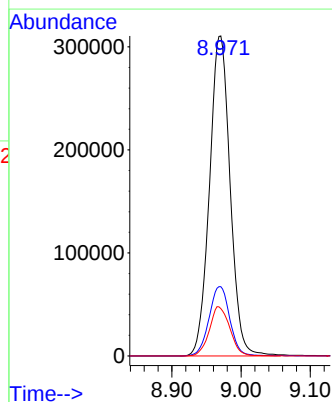
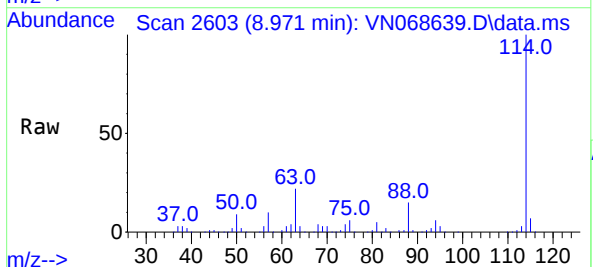
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MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

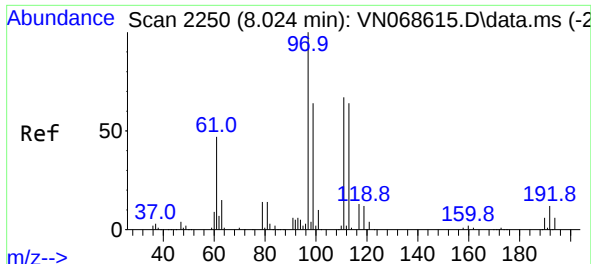
Tgt Ion: 65 Resp: 297231  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 98.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 114 Resp: 643221  
Ion Ratio Lower Upper  
114 100  
63 21.7 0.0 49.0  
88 14.8 0.0 36.6

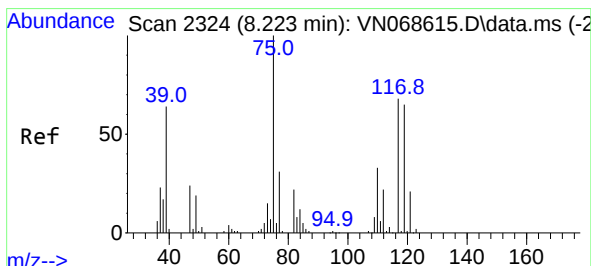
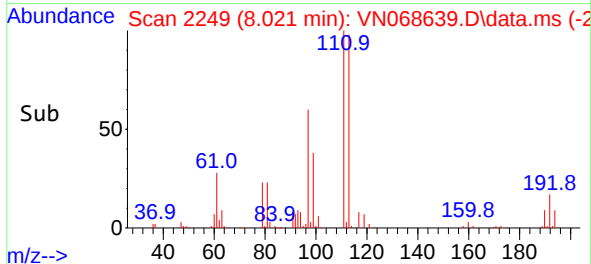
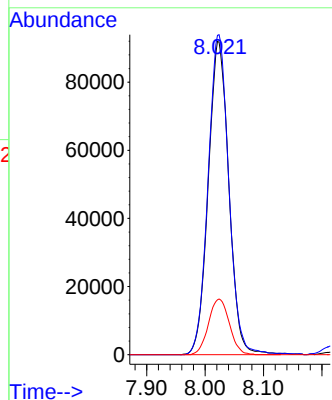
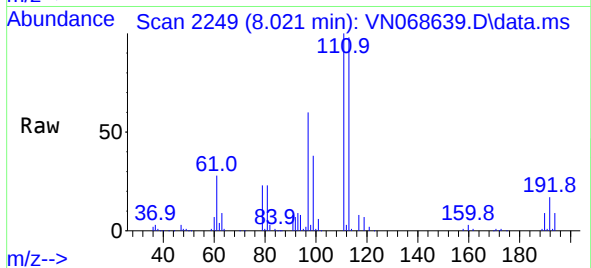




#35  
Dibromofluoromethane  
Concen: 52.389 ug/l  
RT: 8.021 min Scan# 2249  
Delta R.T. -0.003 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

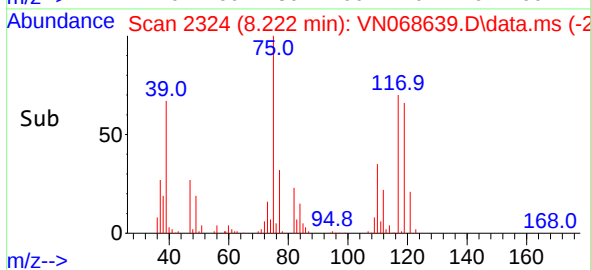
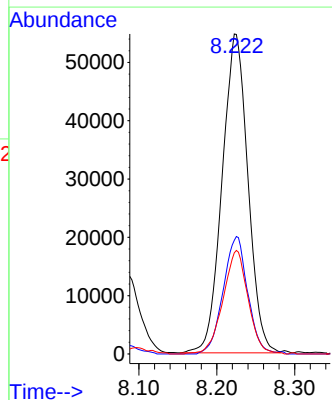
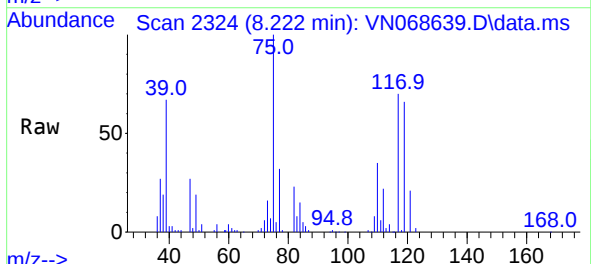
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

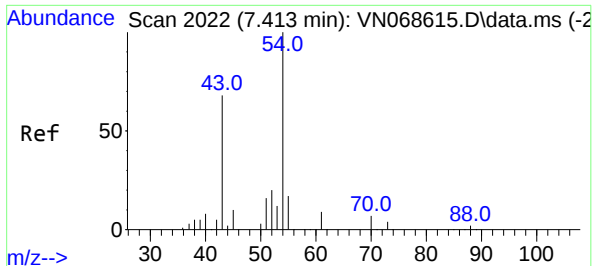
Tgt Ion:113 Resp: 225402  
Ion Ratio Lower Upper  
113 100  
111 102.6 83.8 125.8  
192 18.0 13.4 20.0



#36  
1,1-Dichloropropene  
Concen: 19.353 ug/l  
RT: 8.222 min Scan# 2324  
Delta R.T. -0.001 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 75 Resp: 125721  
Ion Ratio Lower Upper  
75 100  
110 34.9 15.7 47.0  
77 31.7 24.6 37.0





#37

Ethyl Acetate

Concen: 19.270 ug/l

RT: 7.412 min Scan# 2022

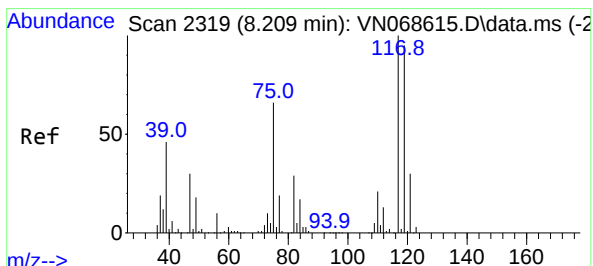
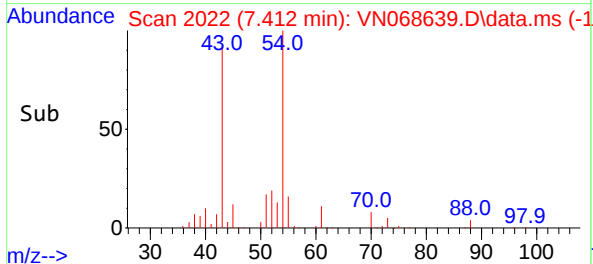
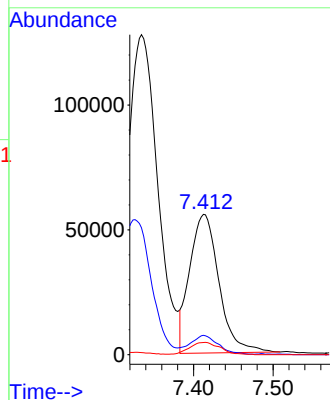
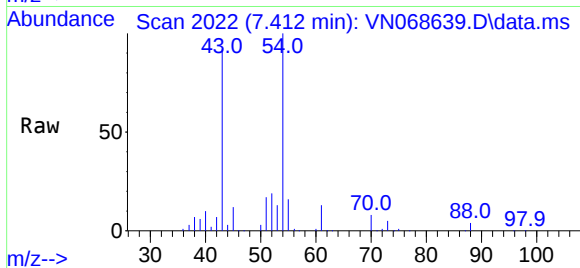
Delta R.T. -0.001 min

Lab File: VN068639.D

Acq: 24 Sep 2021 15:20

Tgt Ion: 43 Resp: 142123

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 12.1  | 10.6  | 16.0  |
| 70  | 9.3   | 8.1   | 12.1  |



#38

Carbon Tetrachloride

Concen: 20.000 ug/l

RT: 8.212 min Scan# 2320

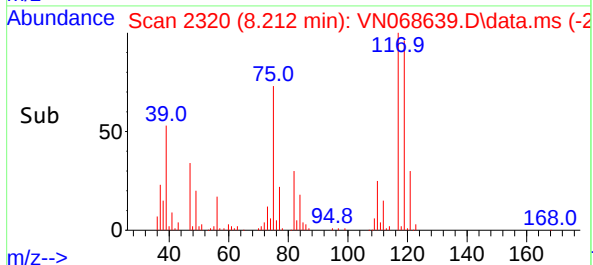
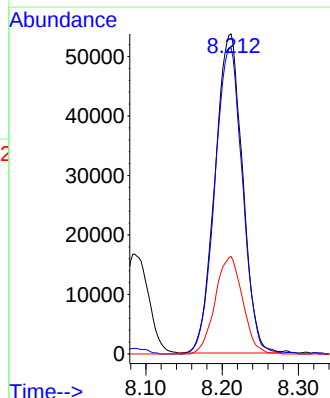
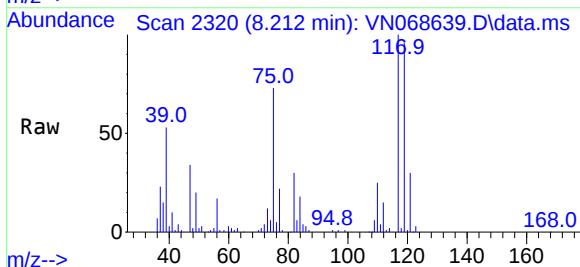
Delta R.T. 0.003 min

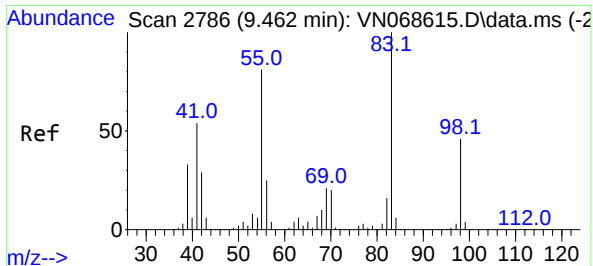
Lab File: VN068639.D

Acq: 24 Sep 2021 15:20

Tgt Ion: 117 Resp: 134199

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 95.9  | 75.4  | 113.2 |
| 121 | 30.6  | 23.5  | 35.3  |





#39

Methylcyclohexane

Concen: 20.121 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. -0.001 min

Lab File: VN068639.D

Acq: 24 Sep 2021 15:20

Tgt Ion: 83 Resp: 153120

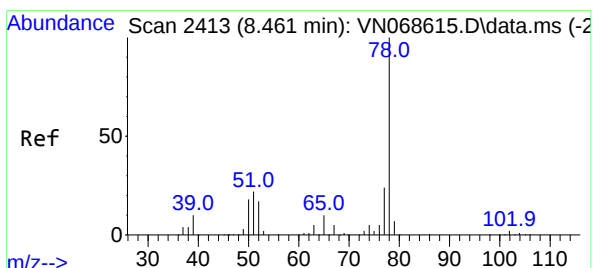
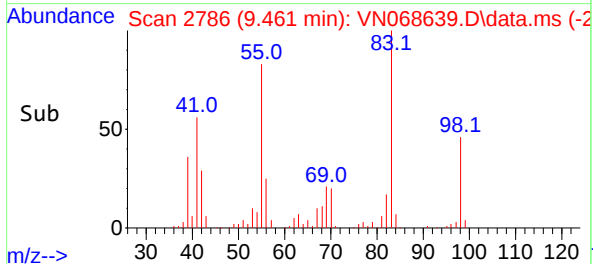
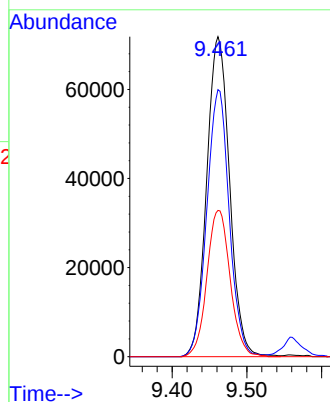
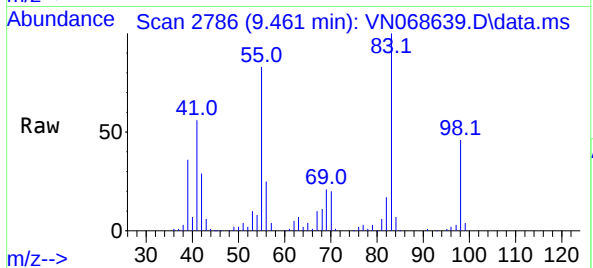
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 83.4  | 66.6  | 99.8  |
| 98  | 45.7  | 35.3  | 52.9  |

Instrument :

MSVOA\_N

ClientSampleId :

VN0924WBSD01



#40

Benzene

Concen: 19.900 ug/l

RT: 8.461 min Scan# 2413

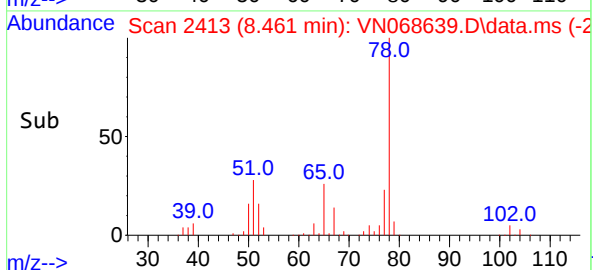
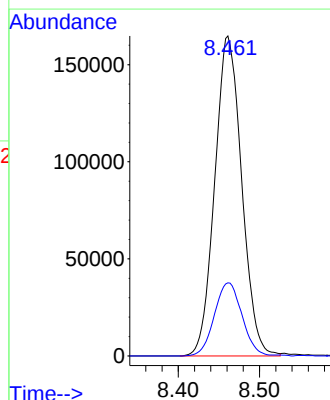
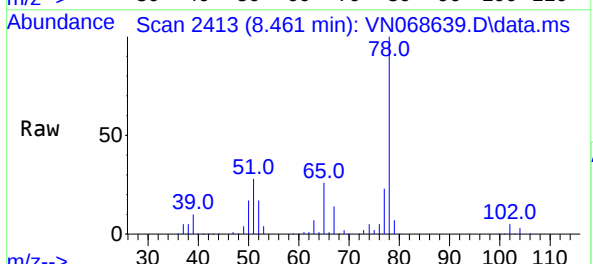
Delta R.T. 0.000 min

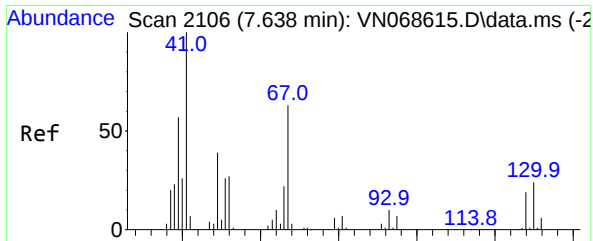
Lab File: VN068639.D

Acq: 24 Sep 2021 15:20

Tgt Ion: 78 Resp: 379394

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 22.9  | 18.9  | 28.3  |



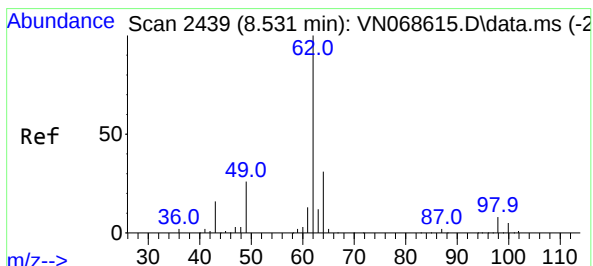
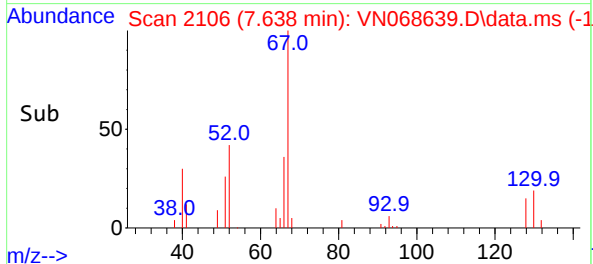
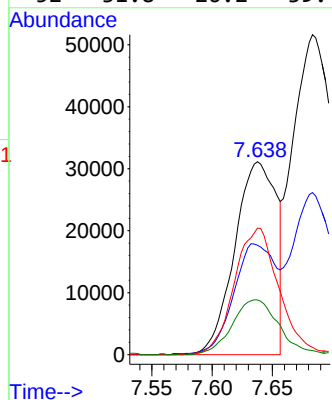
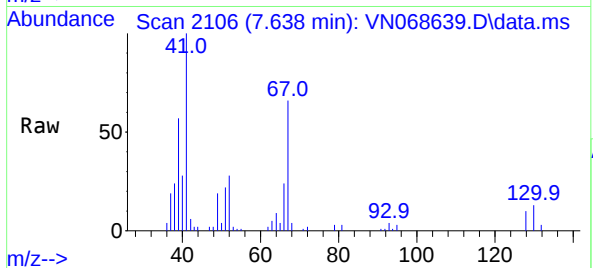


#41  
Methacrylonitrile  
Concen: 19.137 ug/l  
RT: 7.638 min Scan# 2106  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

Tgt Ion: 41 Resp: 74649

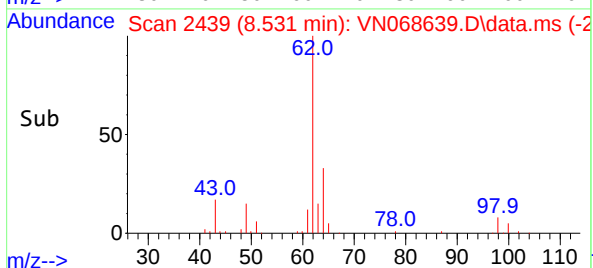
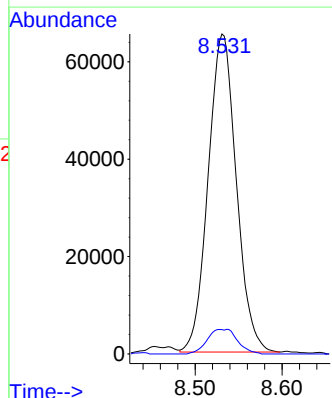
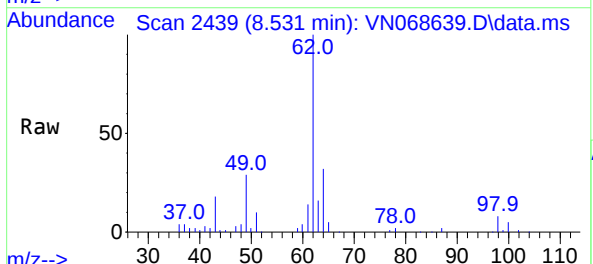
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 58.2  | 47.6  | 71.4  |
| 67  | 71.1  | 57.7  | 86.5  |
| 52  | 31.8  | 26.2  | 39.4  |

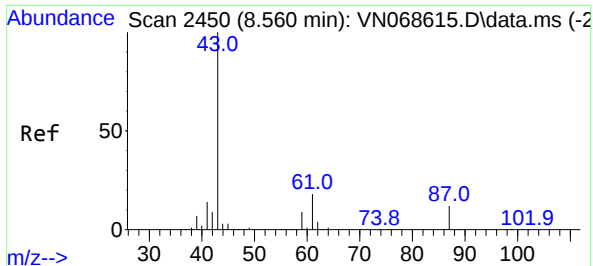


#42  
1,2-Dichloroethane  
Concen: 19.821 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 62 Resp: 147047

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 4.8   | 0.0   | 14.2  |

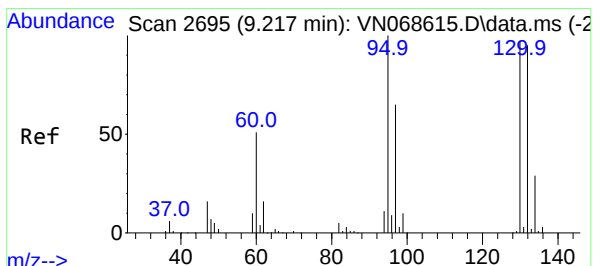
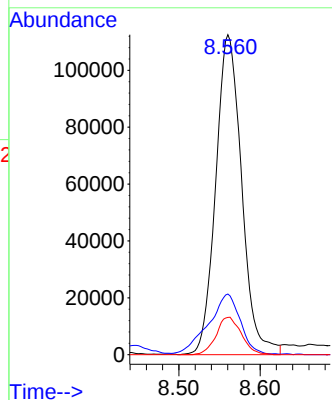
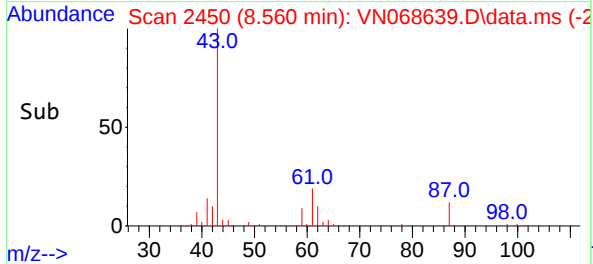
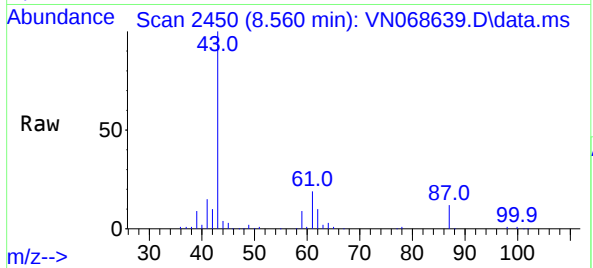




#43  
Isopropyl Acetate  
Concen: 19.801 ug/l  
RT: 8.560 min Scan# 2450  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

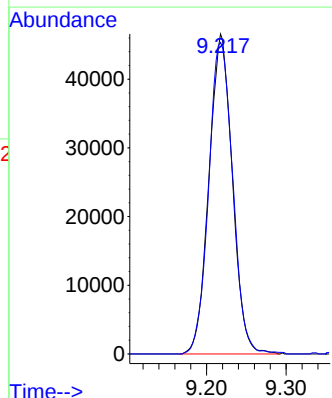
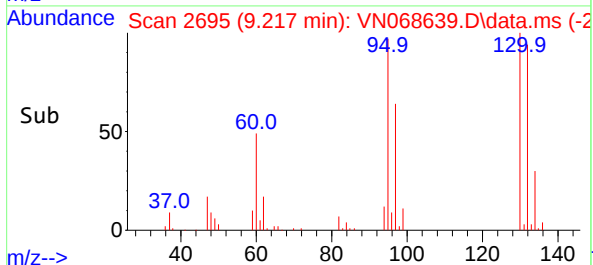
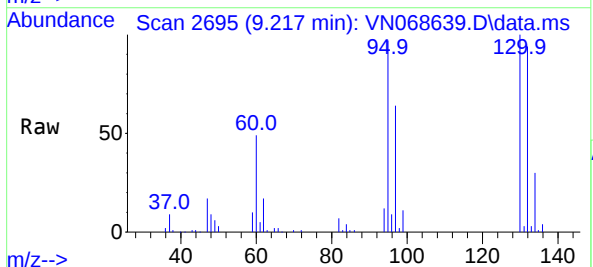
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

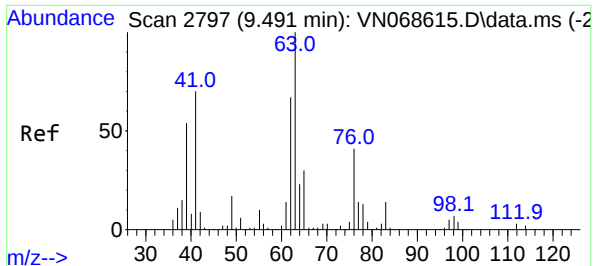
Tgt Ion: 43 Resp: 249825  
Ion Ratio Lower Upper  
43 100  
61 23.2 19.0 28.4  
87 11.4 9.5 14.3



#44  
Trichloroethene  
Concen: 20.663 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion:130 Resp: 94943  
Ion Ratio Lower Upper  
130 100  
95 97.3 0.0 234.4



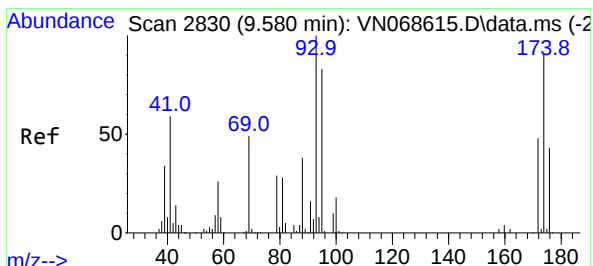
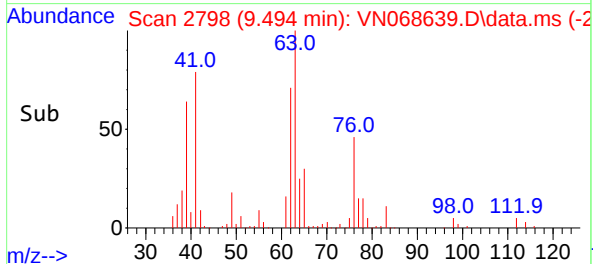
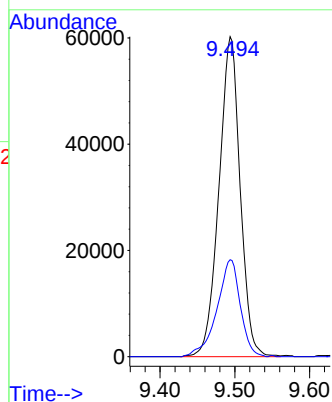
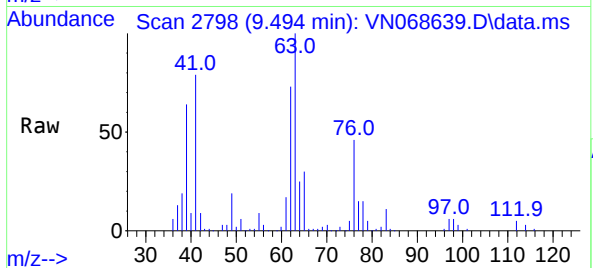


#45

1,2-Dichloropropane  
Concen: 23.622 ug/l  
RT: 9.494 min Scan# 2798  
Delta R.T. 0.003 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

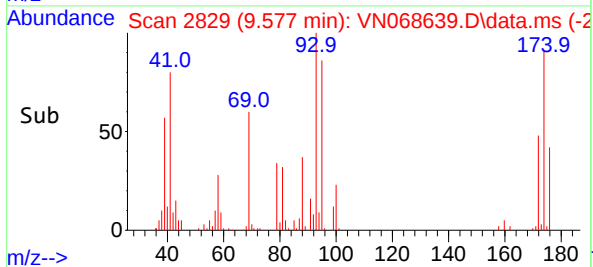
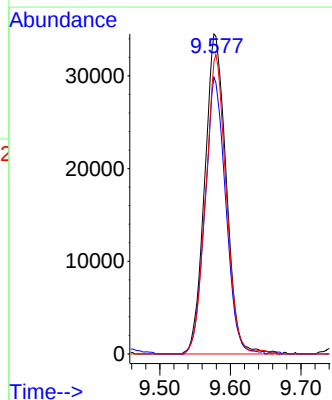
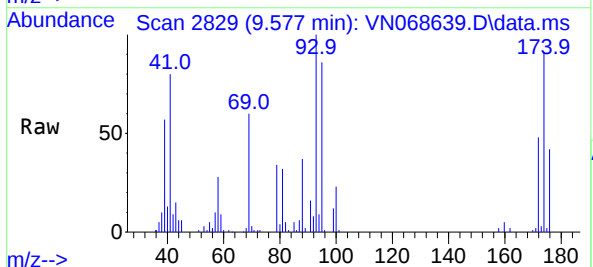
Tgt Ion: 63 Resp: 118574  
Ion Ratio Lower Upper  
63 100  
65 30.3 24.3 36.5

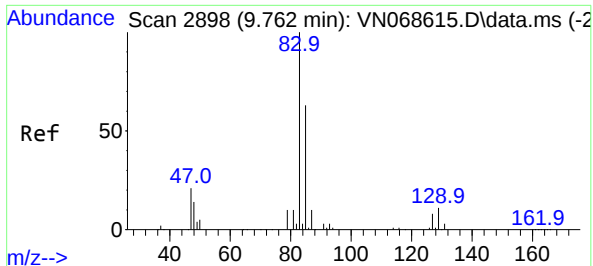


#46

Dibromomethane  
Concen: 21.930 ug/l  
RT: 9.577 min Scan# 2829  
Delta R.T. -0.003 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 93 Resp: 72779  
Ion Ratio Lower Upper  
93 100  
95 83.7 66.1 99.1  
174 89.5 61.0 91.4

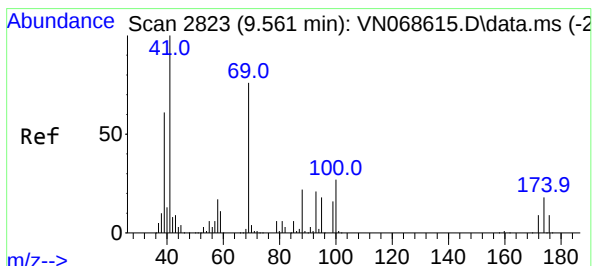
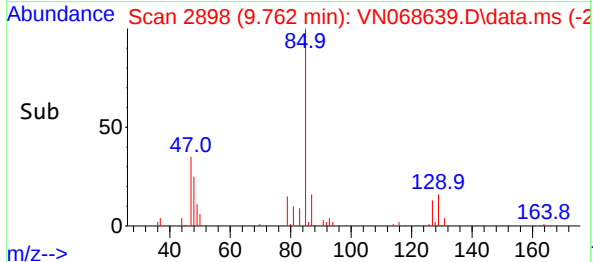
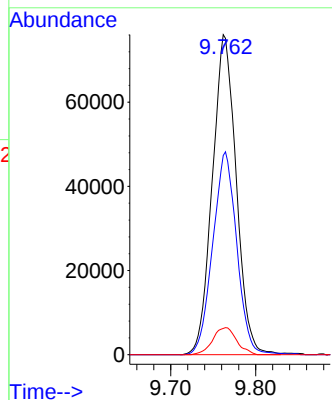
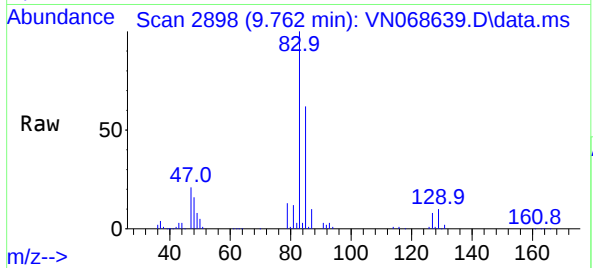




#47  
Bromodichloromethane  
Concen: 21.580 ug/l  
RT: 9.762 min Scan# 2898  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

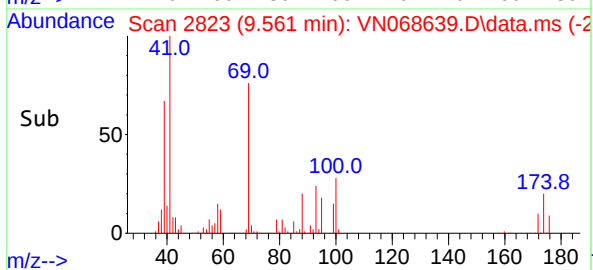
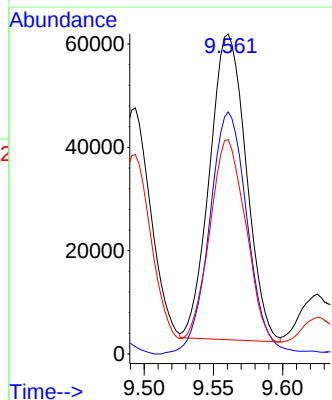
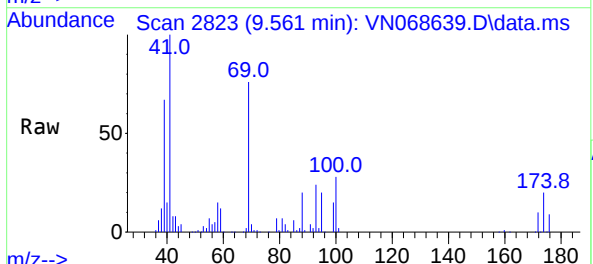
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

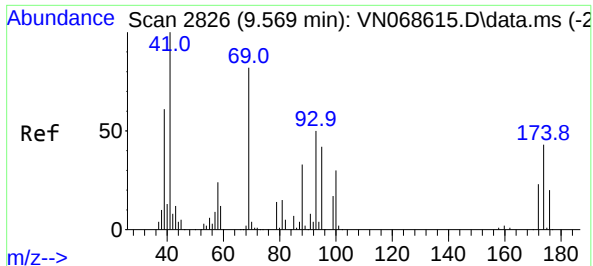
Tgt Ion: 83 Resp: 148516  
Ion Ratio Lower Upper  
83 100  
85 62.2 49.9 74.9  
127 8.2 6.1 9.1



#48  
Methyl methacrylate  
Concen: 18.867 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 41 Resp: 108720  
Ion Ratio Lower Upper  
41 100  
69 82.5 64.6 96.8  
39 73.4 53.3 79.9





#49

1,4-Dioxane

Concen: 396.167 ug/l

RT: 9.569 min Scan# 2826

Delta R.T. -0.000 min

Lab File: VN068639.D

Acq: 24 Sep 2021 15:20

Tgt Ion: 88 Resp: 33301

Ion Ratio Lower Upper

88 100

43 34.7 28.8 43.2

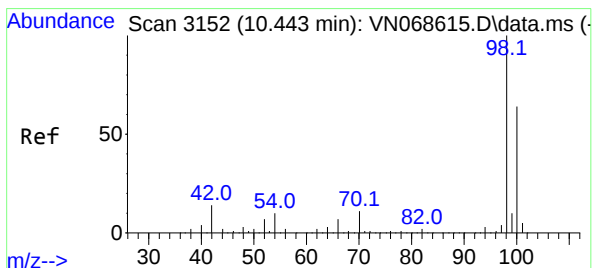
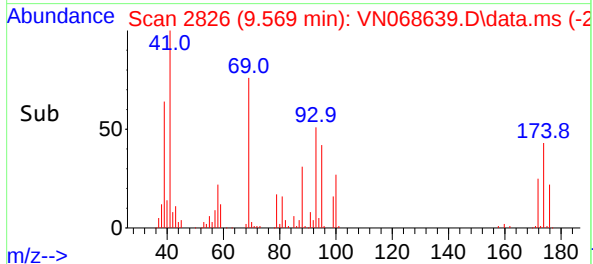
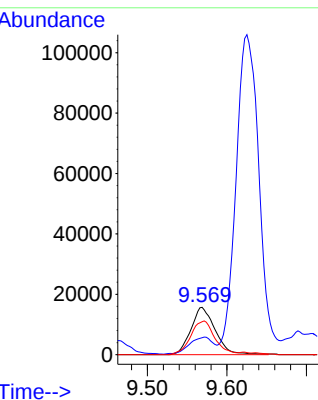
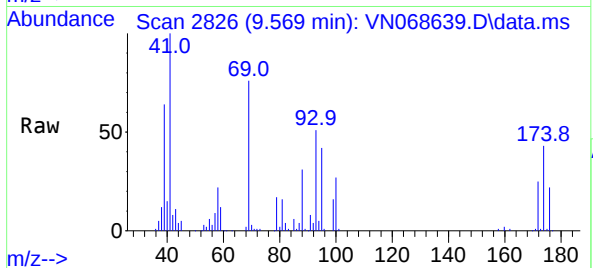
58 71.0 60.4 90.6

Instrument :

MSVOA\_N

ClientSampleId :

VN0924WBSD01



#50

Toluene-d8

Concen: 47.899 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. -0.000 min

Lab File: VN068639.D

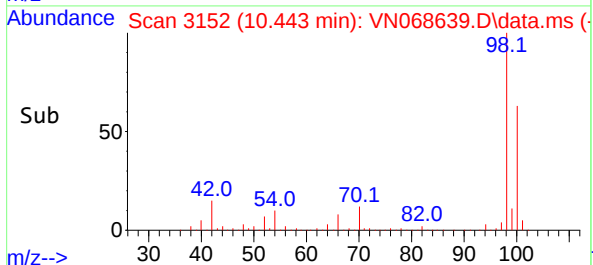
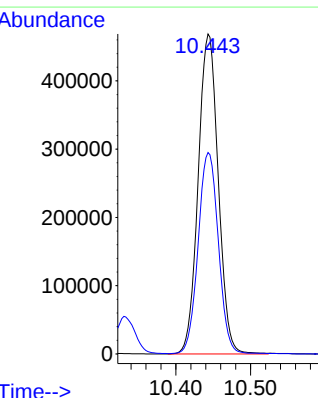
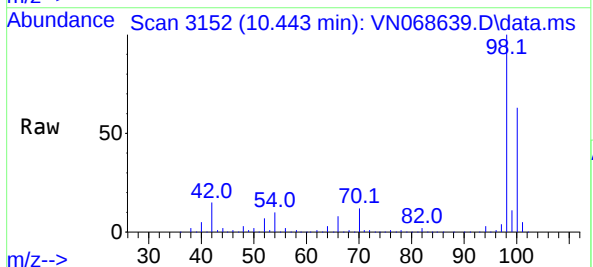
Acq: 24 Sep 2021 15:20

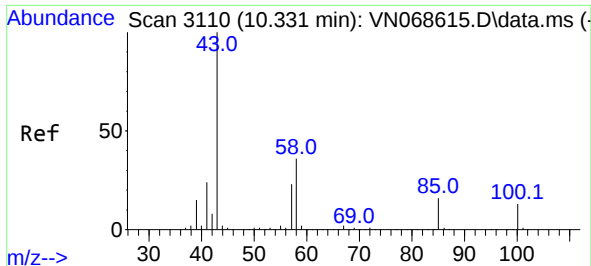
Tgt Ion: 98 Resp: 873795

Ion Ratio Lower Upper

98 100

100 63.4 51.7 77.5

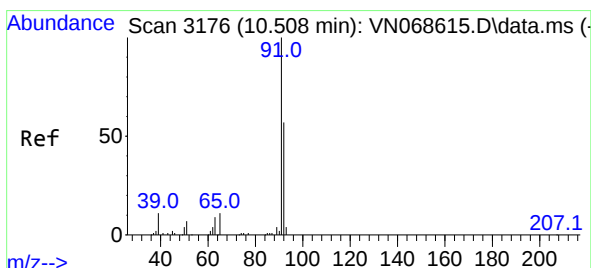
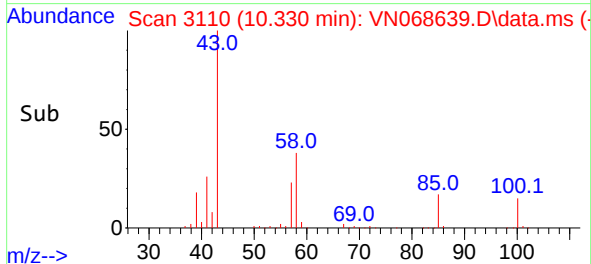
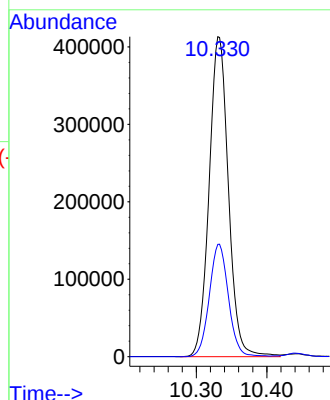
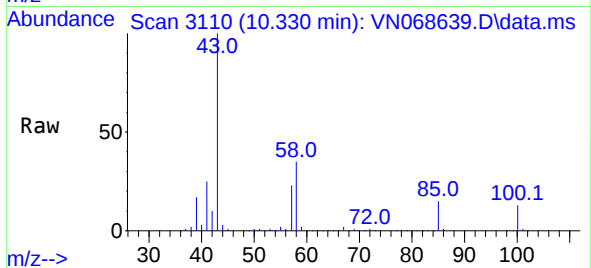




#51  
4-Methyl-2-Pentanone  
Concen: 102.784 ug/l  
RT: 10.330 min Scan# 3110  
Delta R.T. -0.001 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

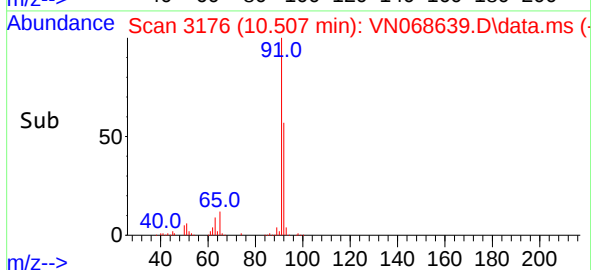
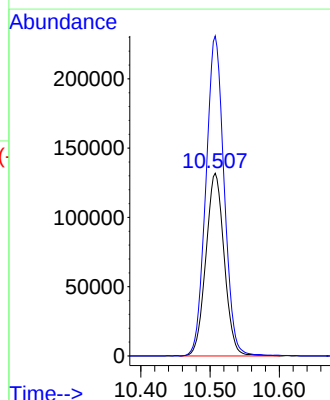
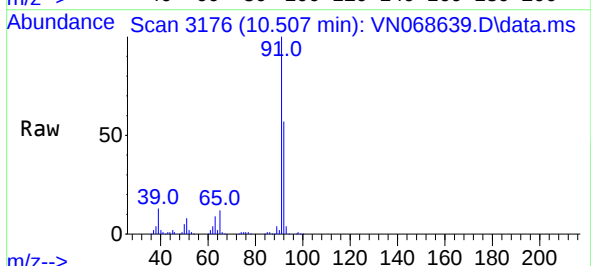
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

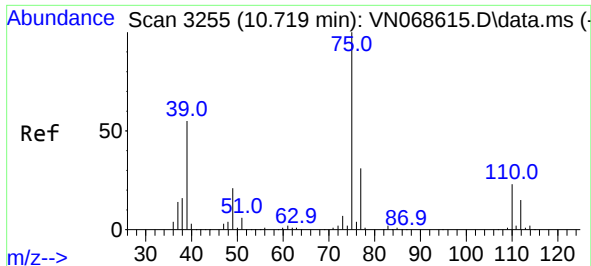
Tgt Ion: 43 Resp: 784245  
Ion Ratio Lower Upper  
43 100  
58 34.9 28.6 43.0



#52  
Toluene  
Concen: 20.098 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. -0.001 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 92 Resp: 242828  
Ion Ratio Lower Upper  
92 100  
91 173.9 139.6 209.4

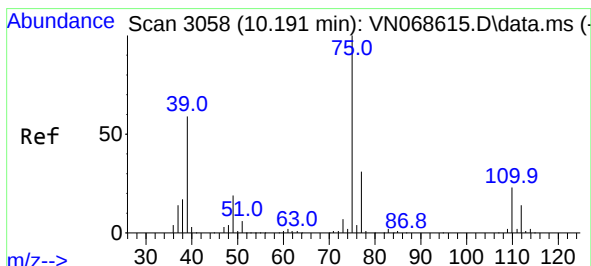
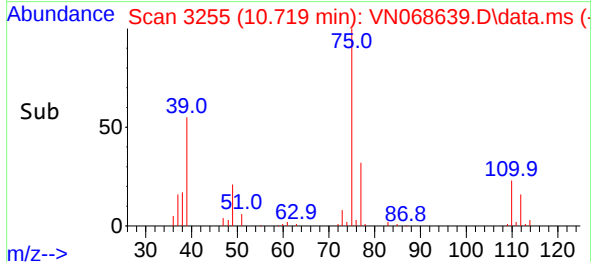
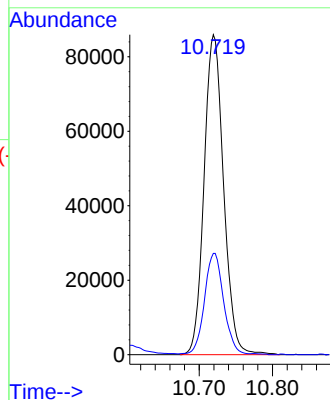
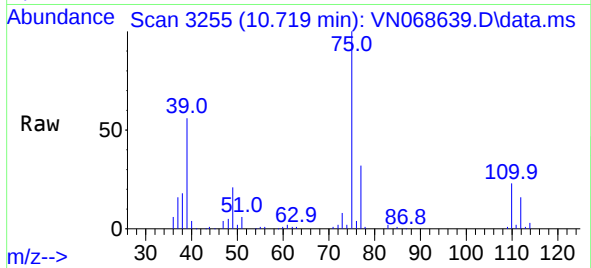




#53  
t-1,3-Dichloropropene  
Concen: 20.957 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

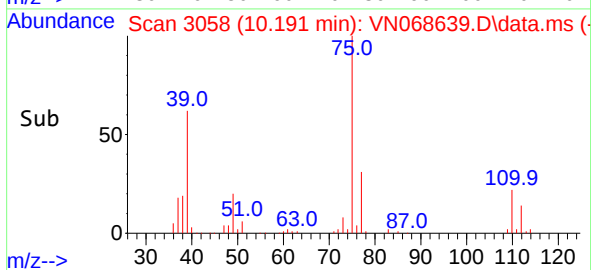
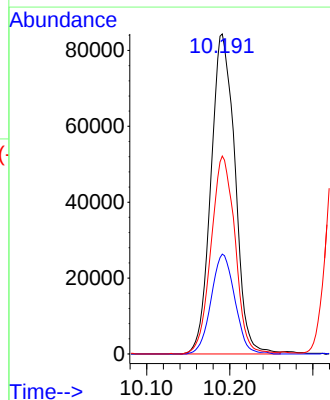
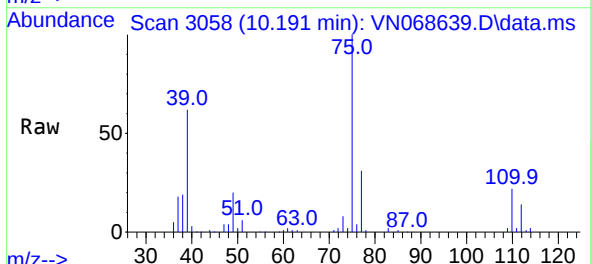
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

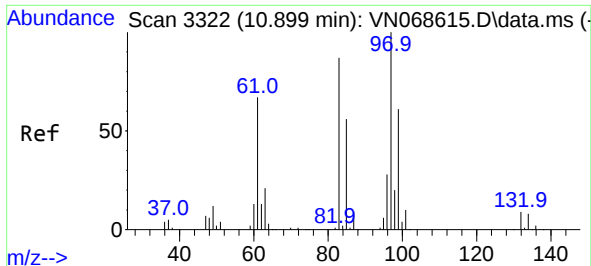
Tgt Ion: 75 Resp: 159110  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.1 37.7



#54  
cis-1,3-Dichloropropene  
Concen: 21.386 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 75 Resp: 169629  
Ion Ratio Lower Upper  
75 100  
77 31.2 24.6 37.0  
39 61.8 50.7 76.1



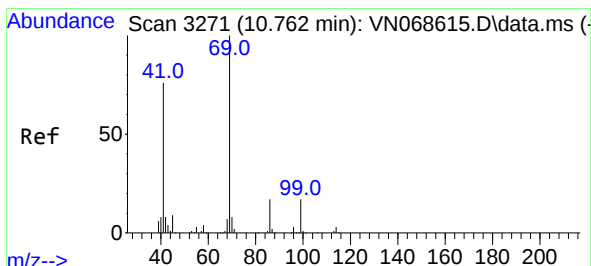
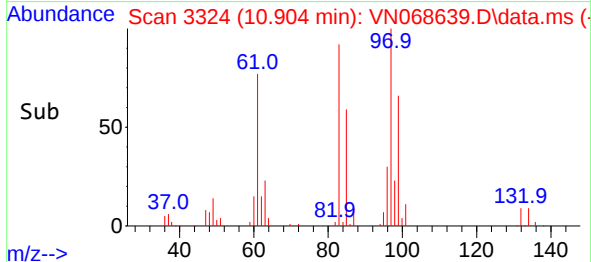
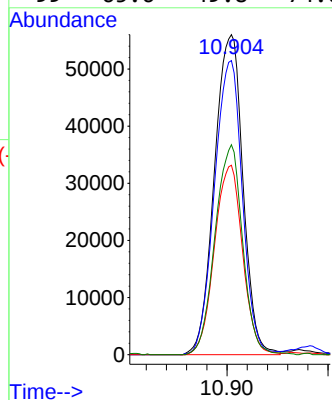
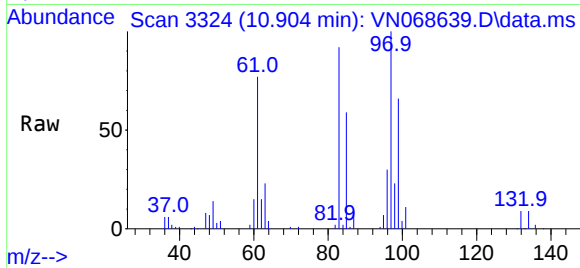


#55  
1,1,2-Trichloroethane  
Concen: 23.461 ug/l  
RT: 10.904 min Scan# 3324  
Delta R.T. 0.005 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

Tgt Ion: 97 Resp: 109883

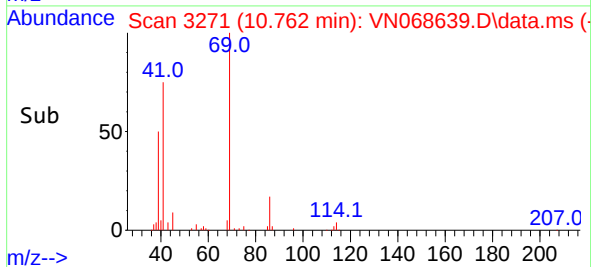
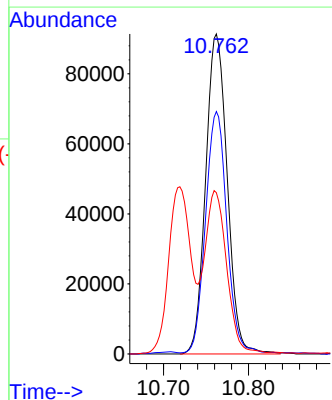
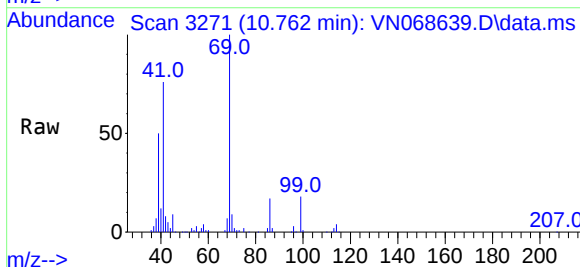
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 91.9  | 72.0  | 108.0 |
| 85  | 59.2  | 46.8  | 70.2  |
| 99  | 65.6  | 49.8  | 74.6  |

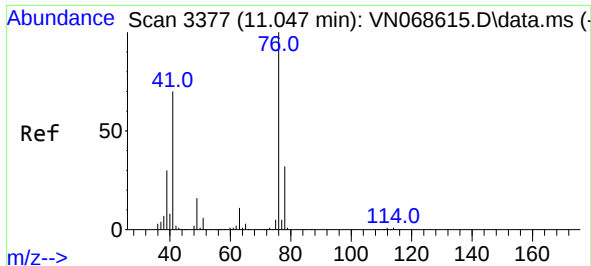


#56  
Ethyl methacrylate  
Concen: 19.706 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 69 Resp: 161449

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 74.0  | 58.6  | 88.0  |
| 39  | 50.9  | 38.3  | 57.5  |

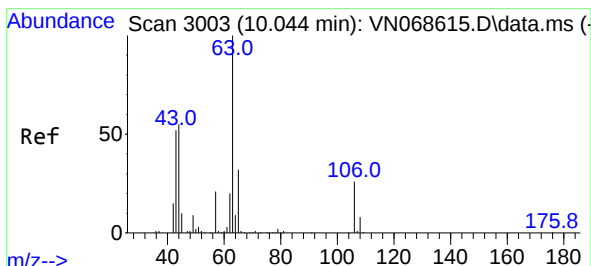
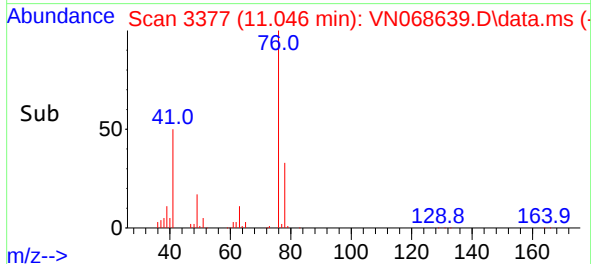
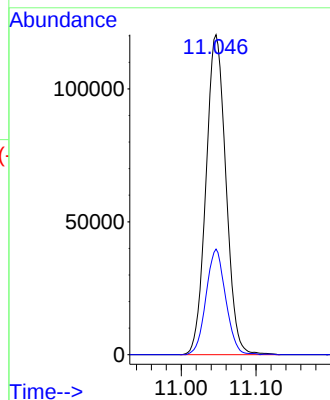
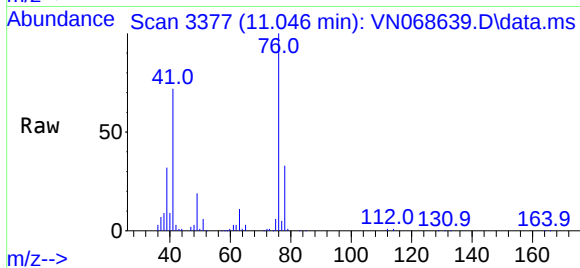




#57  
1,3-Dichloropropane  
Concen: 27.301 ug/l  
RT: 11.046 min Scan# 3377  
Delta R.T. -0.001 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

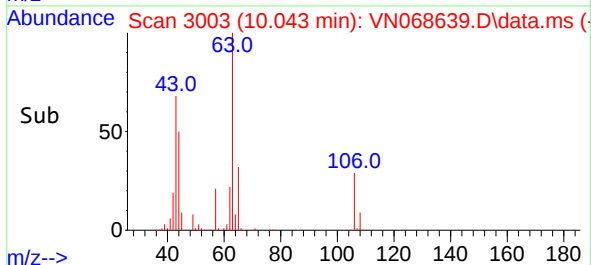
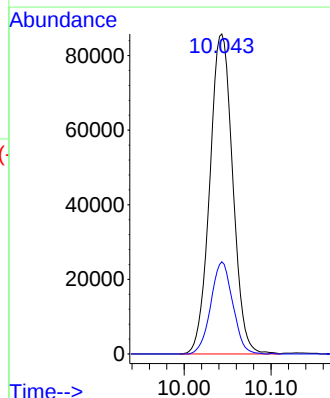
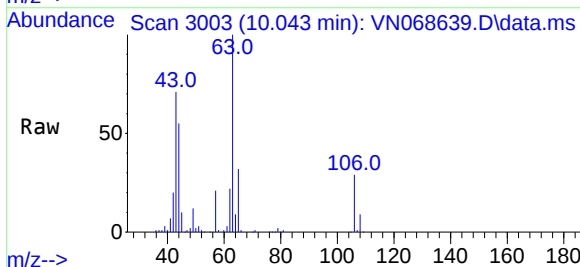
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

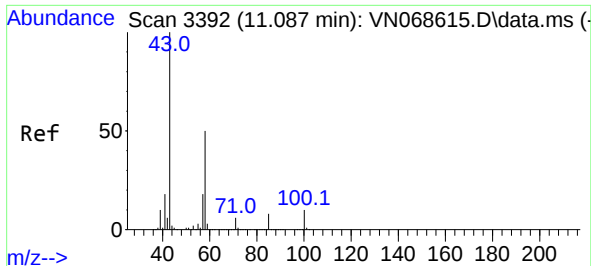
Tgt Ion: 76 Resp: 223235  
Ion Ratio Lower Upper  
76 100  
78 32.5 25.7 38.5



#58  
2-Chloroethyl Vinyl ether  
Concen: 79.066 ug/l  
RT: 10.043 min Scan# 3003  
Delta R.T. -0.001 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 63 Resp: 157461  
Ion Ratio Lower Upper  
63 100  
106 27.4 19.8 29.8

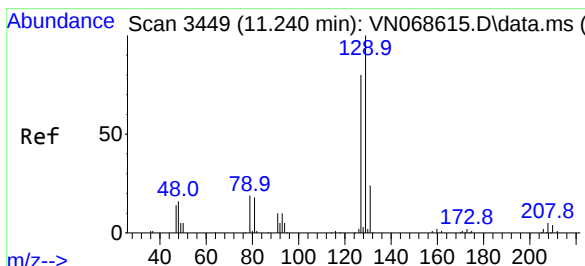
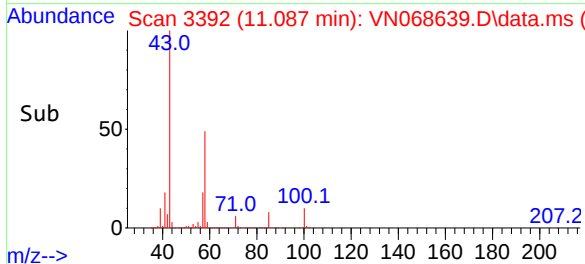
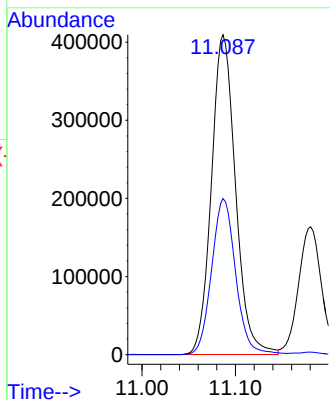
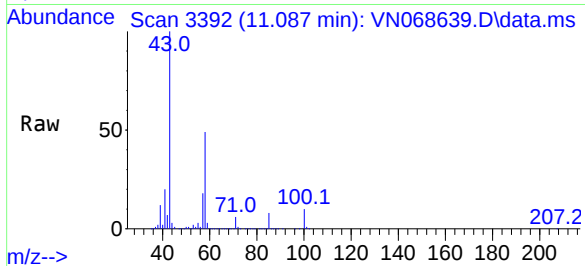




#59  
2-Hexanone  
Concen: 133.804 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

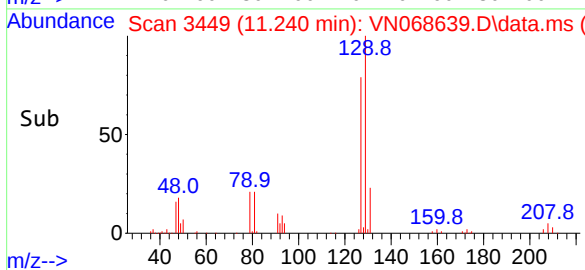
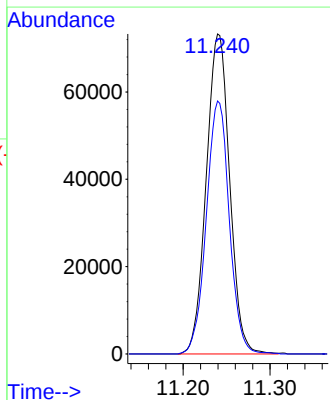
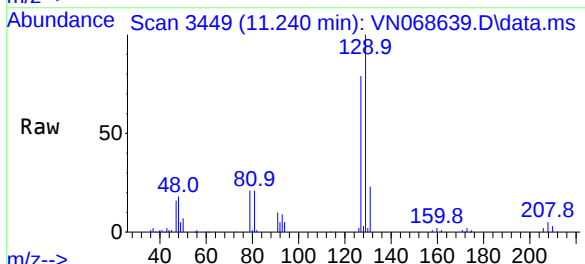
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

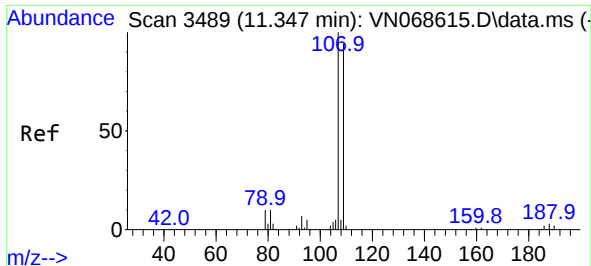
Tgt Ion: 43 Resp: 734156  
Ion Ratio Lower Upper  
43 100  
58 48.7 24.7 74.1



#60  
Dibromochloromethane  
Concen: 27.088 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion:129 Resp: 137109  
Ion Ratio Lower Upper  
129 100  
127 77.8 38.6 115.8

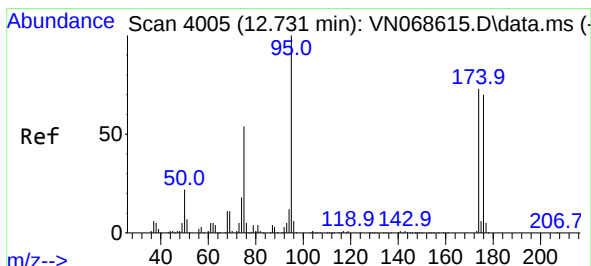
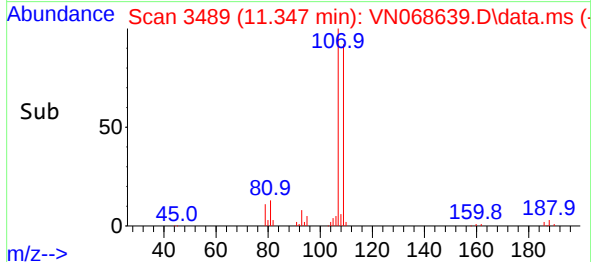
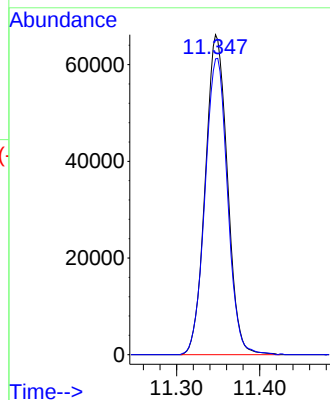
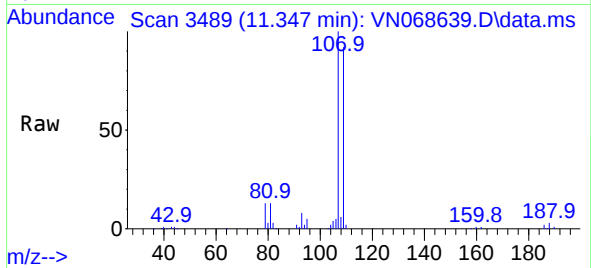




#61  
1,2-Dibromoethane  
Concen: 25.529 ug/l  
RT: 11.347 min Scan# 3489  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

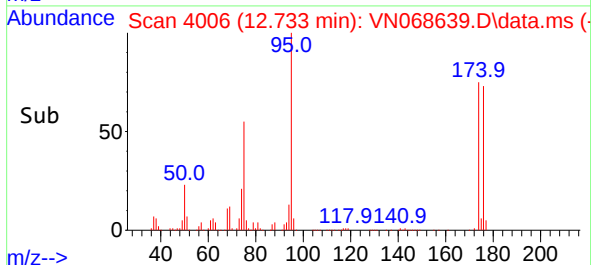
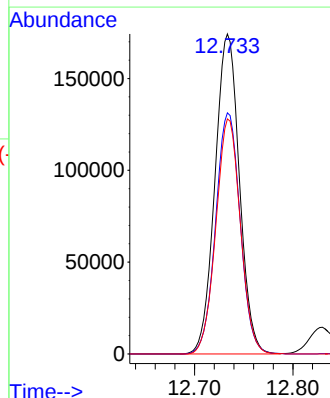
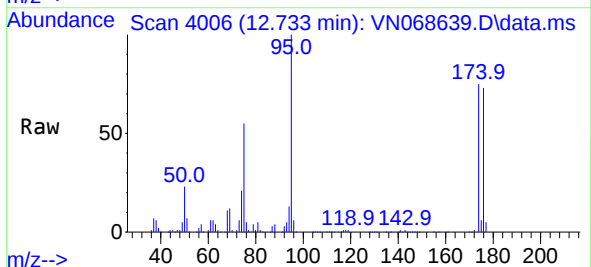
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

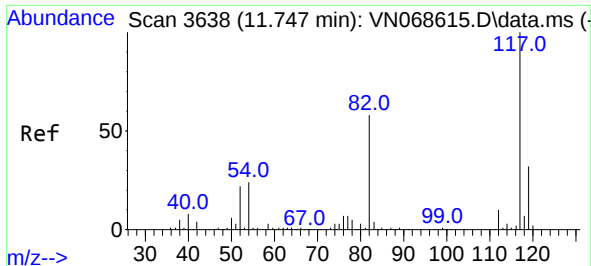
Tgt Ion:107 Resp: 122302  
Ion Ratio Lower Upper  
107 100  
109 94.2 75.0 112.4



#62  
4-Bromofluorobenzene  
Concen: 48.177 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.002 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 95 Resp: 300572  
Ion Ratio Lower Upper  
95 100  
174 75.7 0.0 122.0  
176 73.6 0.0 117.6

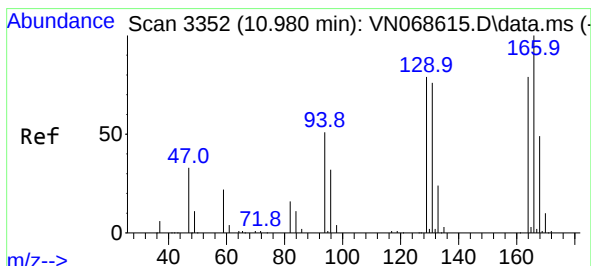
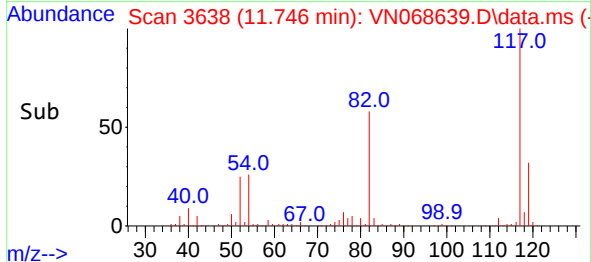
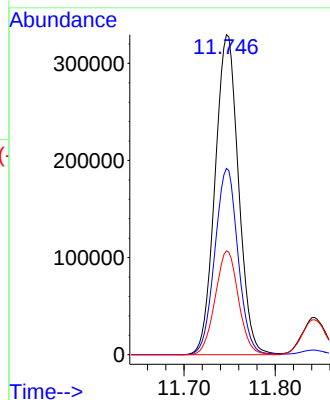
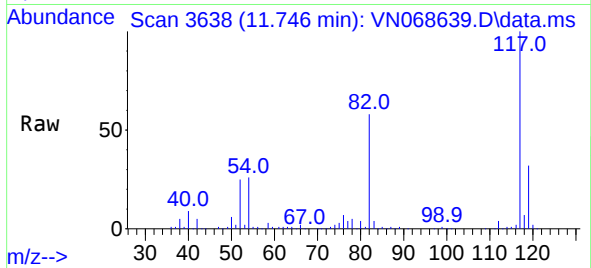




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. -0.001 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

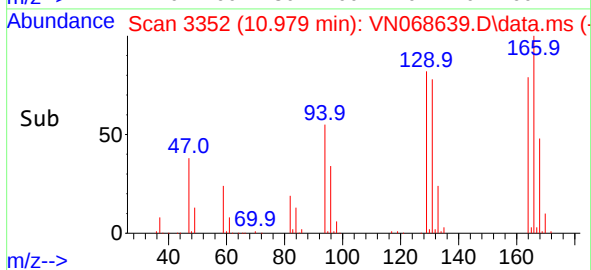
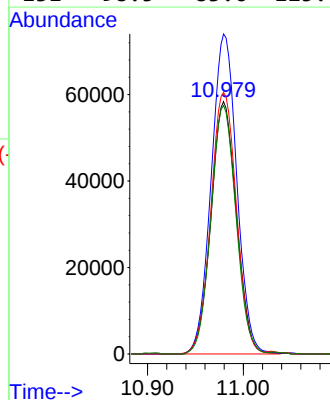
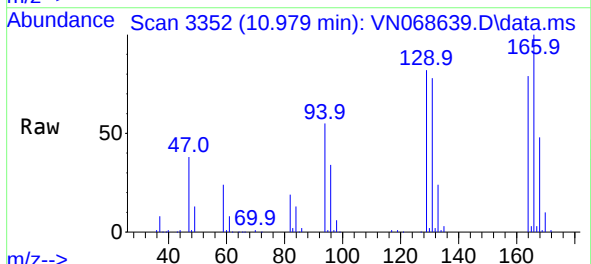
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

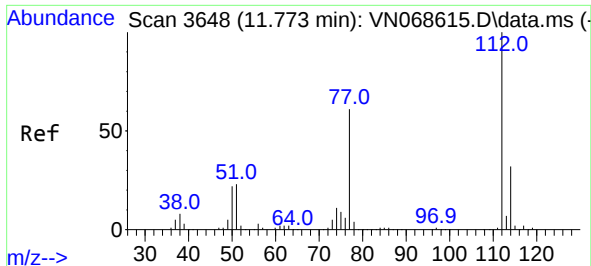
Tgt Ion:117 Resp: 589361  
Ion Ratio Lower Upper  
117 100  
82 58.2 53.1 79.7  
119 32.5 25.5 38.3



#64  
Tetrachloroethene  
Concen: 27.793 ug/l  
RT: 10.979 min Scan# 3352  
Delta R.T. -0.001 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion:164 Resp: 107559  
Ion Ratio Lower Upper  
164 100  
166 126.9 102.1 153.1  
129 103.7 86.9 130.3  
131 98.5 83.6 125.4

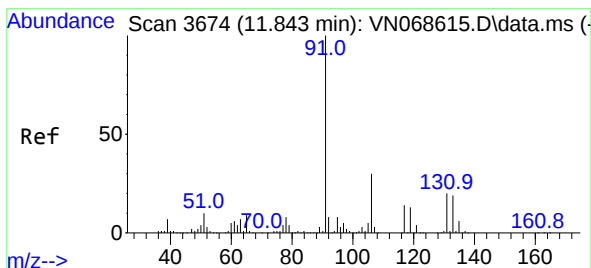
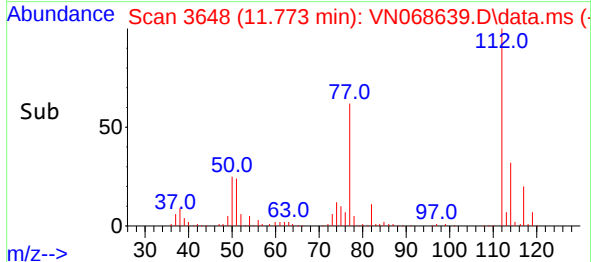
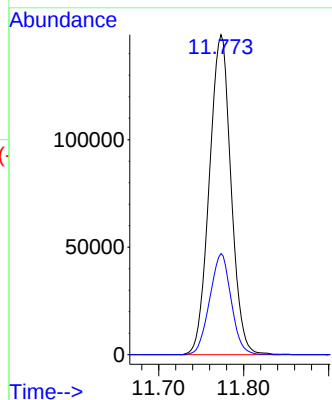
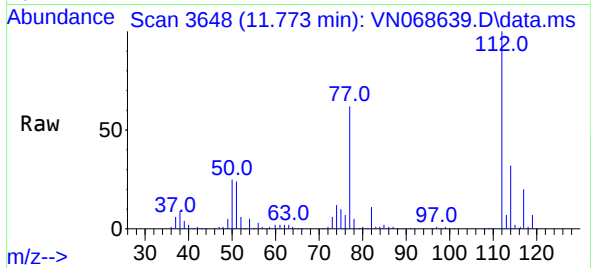




#65  
Chlorobenzene  
Concen: 21.165 ug/l  
RT: 11.773 min Scan# 3648  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

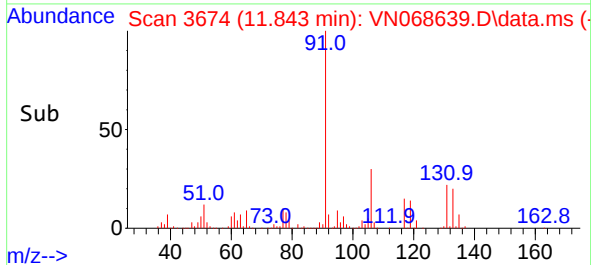
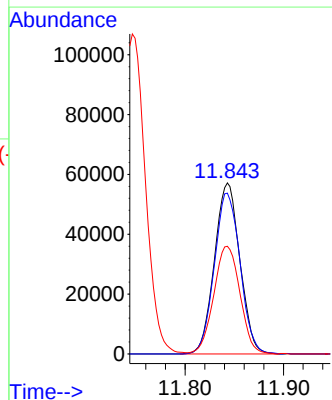
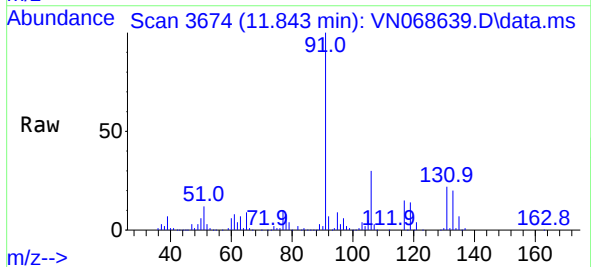
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

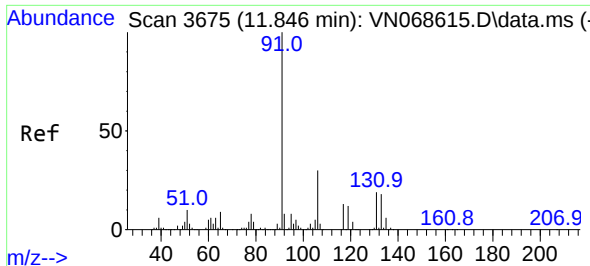
Tgt Ion:112 Resp: 263520  
Ion Ratio Lower Upper  
112 100  
114 31.6 24.6 37.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.629 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion:131 Resp: 102859  
Ion Ratio Lower Upper  
131 100  
133 95.3 47.5 142.5  
119 65.0 33.1 99.3

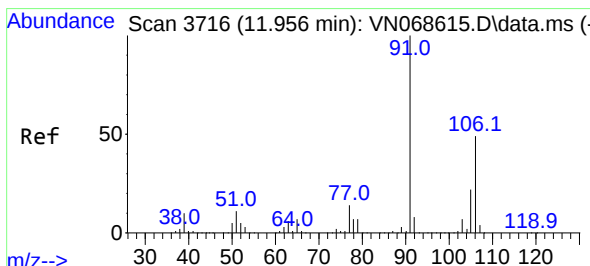
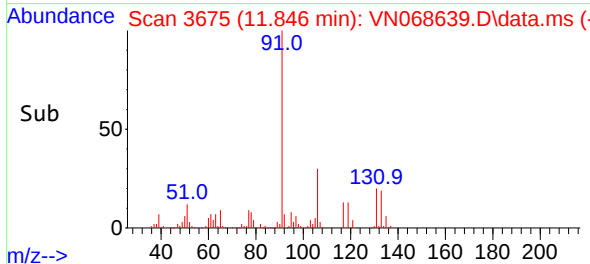
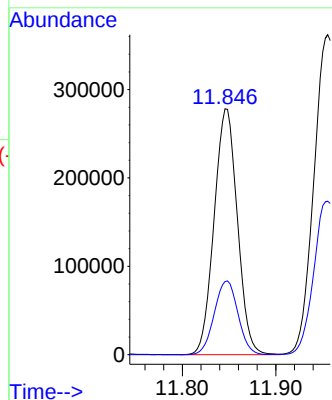
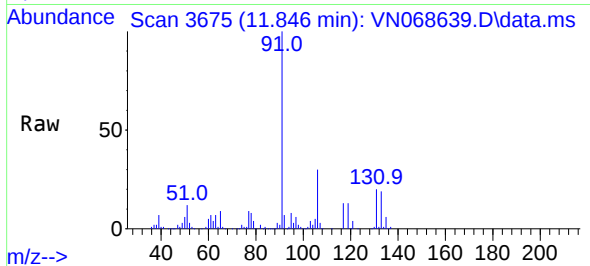




#67  
Ethyl Benzene  
Concen: 21.205 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

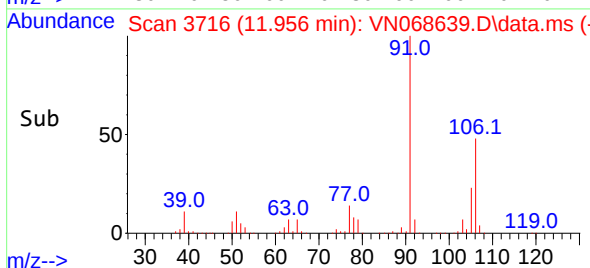
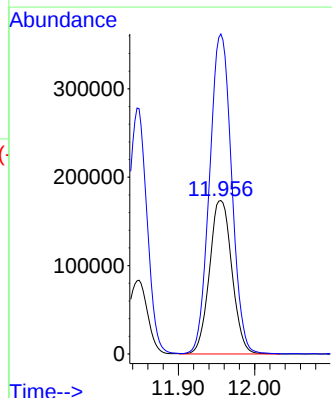
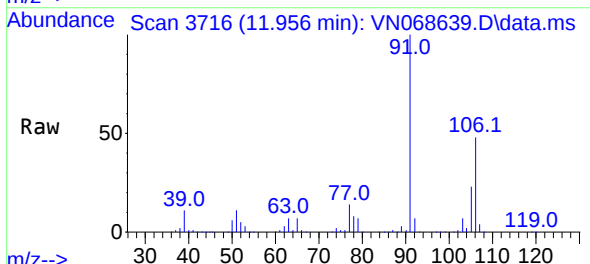
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

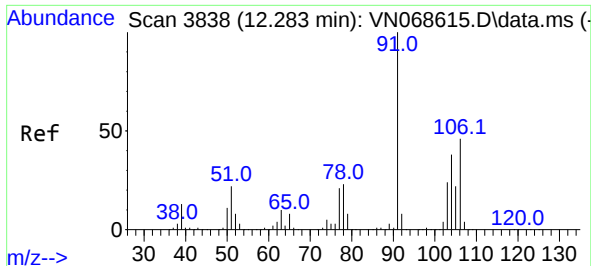
Tgt Ion: 91 Resp: 481023  
Ion Ratio Lower Upper  
91 100  
106 29.7 23.4 35.0



#68  
m/p-Xylenes  
Concen: 42.593 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion:106 Resp: 354630  
Ion Ratio Lower Upper  
106 100  
91 205.2 180.6 270.8

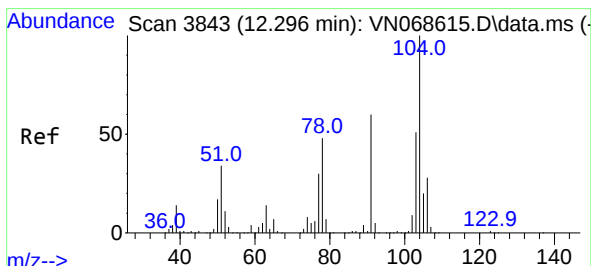
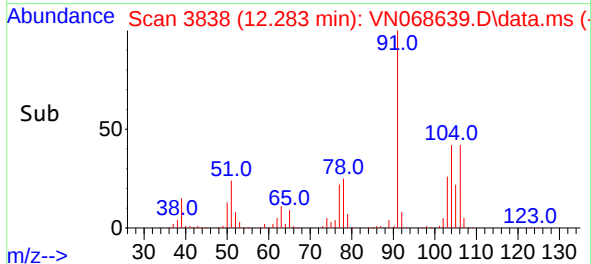
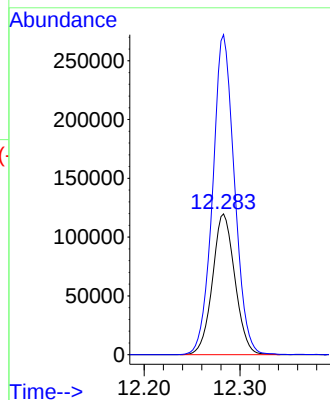
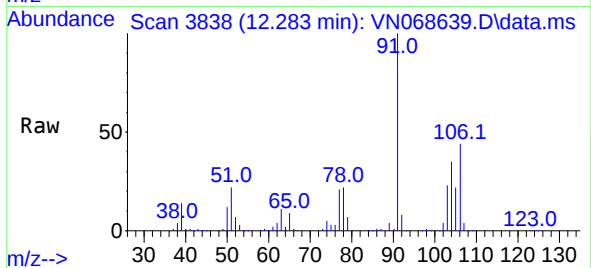




#69  
o-Xylene  
Concen: 23.759 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

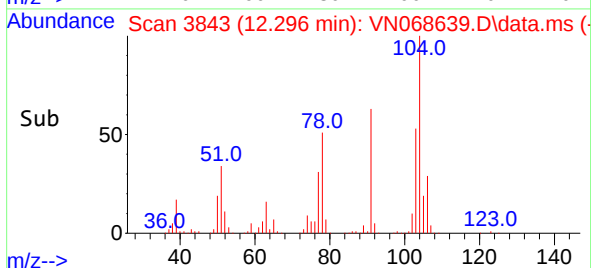
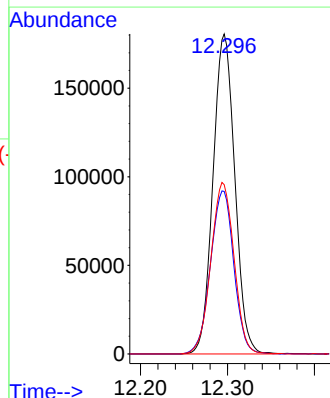
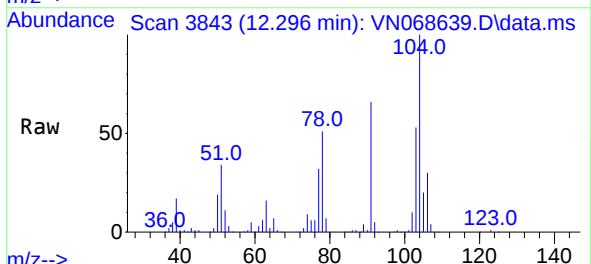
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

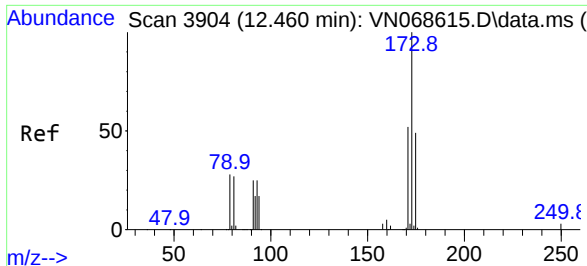
Tgt Ion:106 Resp: 194337  
Ion Ratio Lower Upper  
106 100  
91 221.5 118.3 354.9



#70  
Styrene  
Concen: 23.936 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion:104 Resp: 314905  
Ion Ratio Lower Upper  
104 100  
78 54.6 48.2 72.2  
103 56.8 44.5 66.7

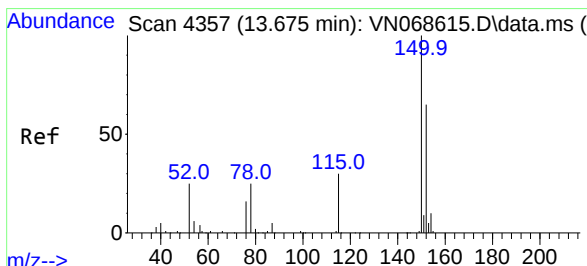
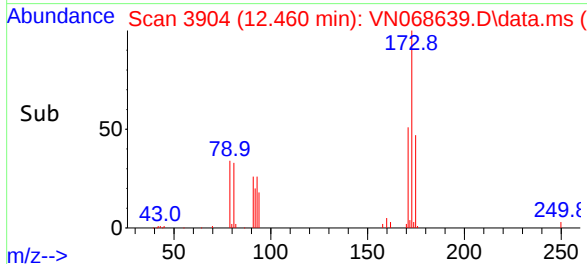
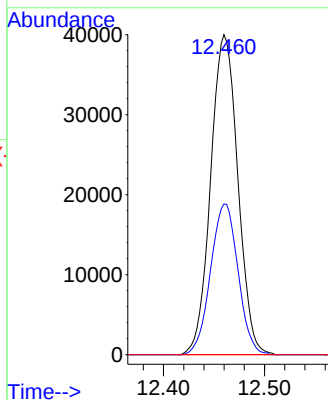
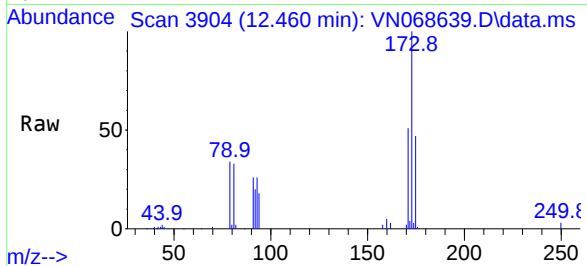




#71  
Bromoform  
Concen: 21.770 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

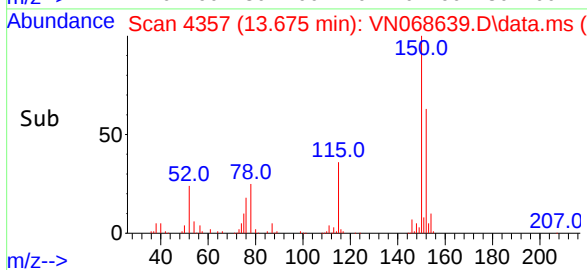
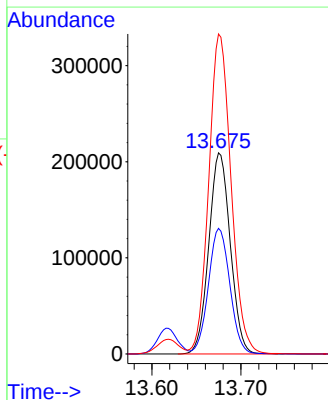
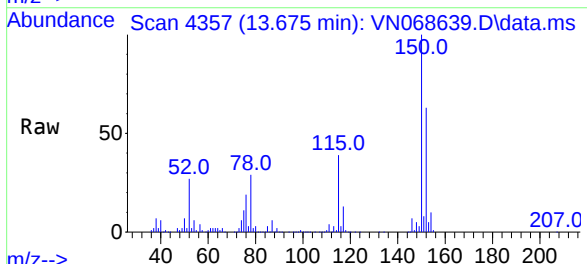
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

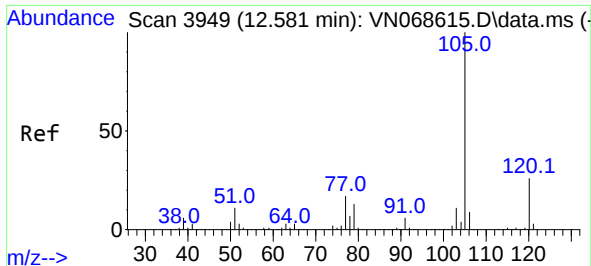
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 74649 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 47.6  | 23.9  | 71.8  |
| 254       | 0.0   | 0.0   | 0.0   |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 350939 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 62.1  | 36.1  | 108.5  |
| 150       | 164.9 | 0.0   | 351.8  |

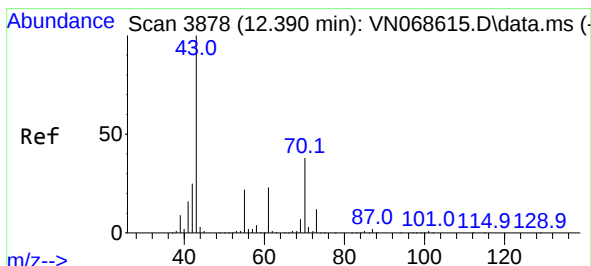
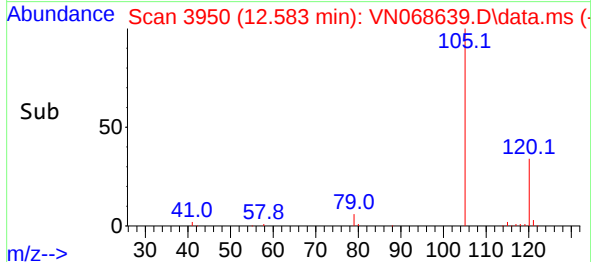
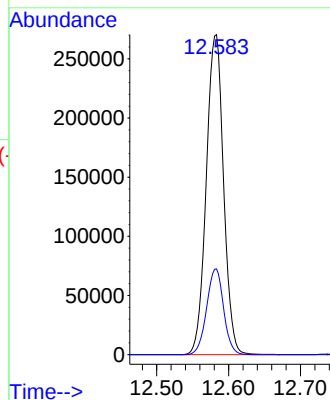
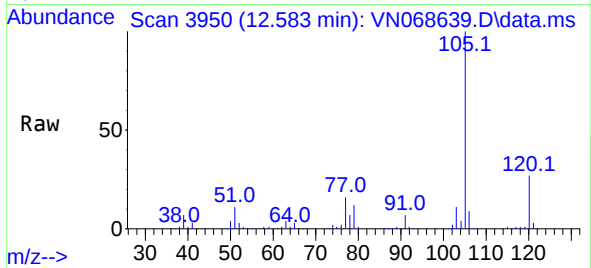




#73  
Isopropylbenzene  
Concen: 14.405 ug/l  
RT: 12.583 min Scan# 3950  
Delta R.T. 0.002 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

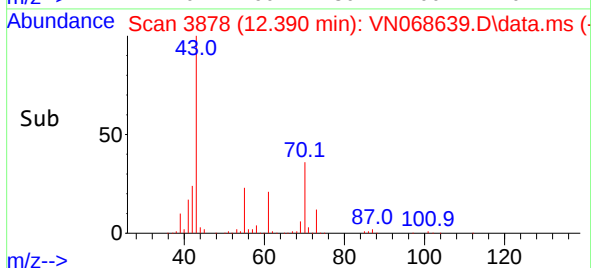
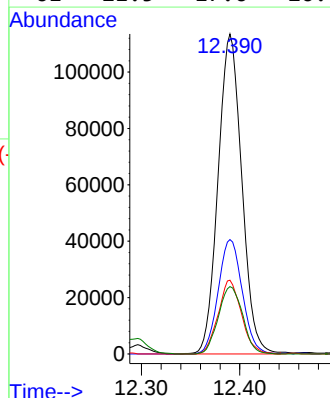
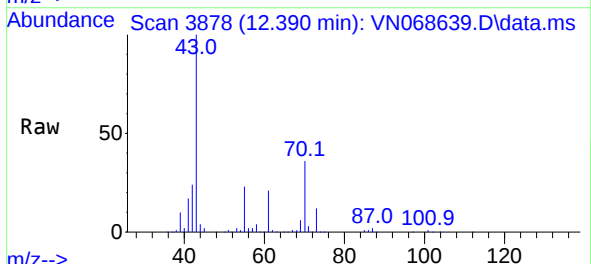
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

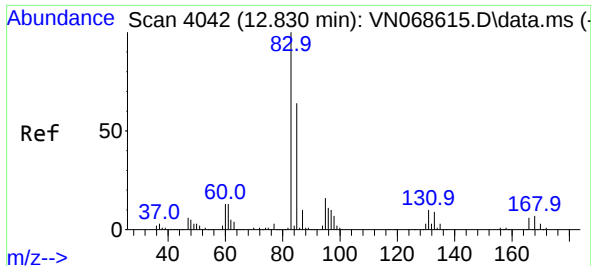
Tgt Ion:105 Resp: 453286  
Ion Ratio Lower Upper  
105 100  
120 26.4 12.5 37.5



#74  
N-ethyl acetate  
Concen: 14.167 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 43 Resp: 190266  
Ion Ratio Lower Upper  
43 100  
70 36.4 29.4 44.2  
55 22.7 17.0 25.4  
61 21.5 17.6 26.4

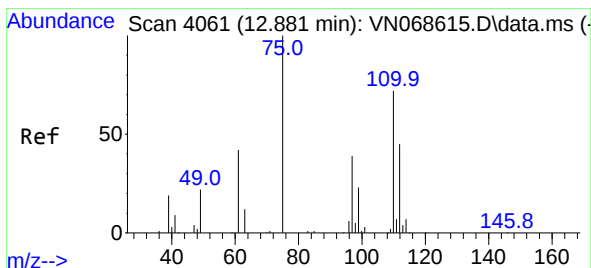
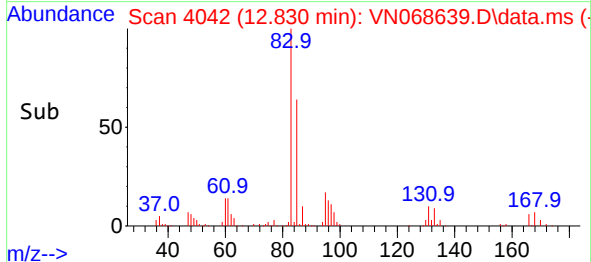
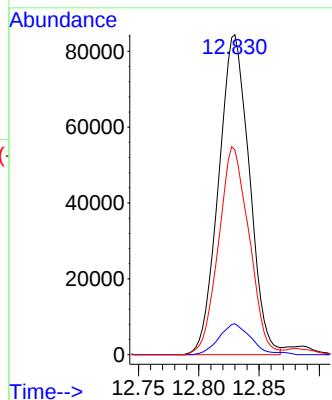
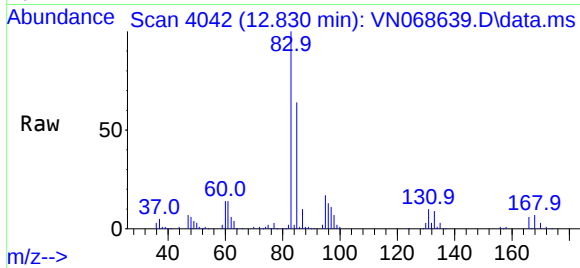




#75  
1,1,2,2-Tetrachloroethane  
Concen: 15.181 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

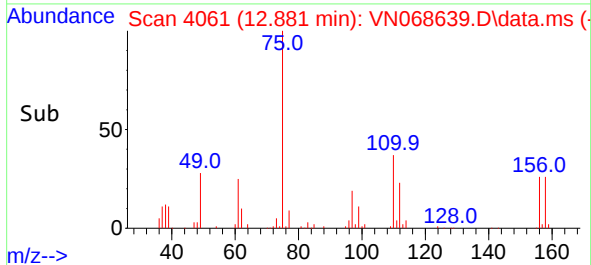
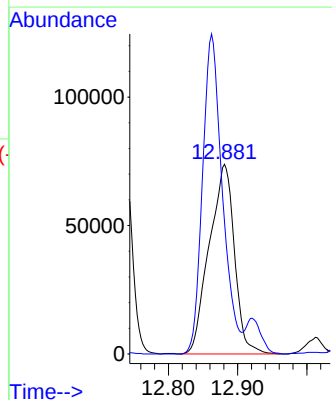
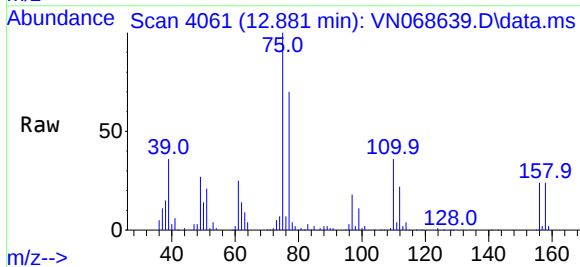
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

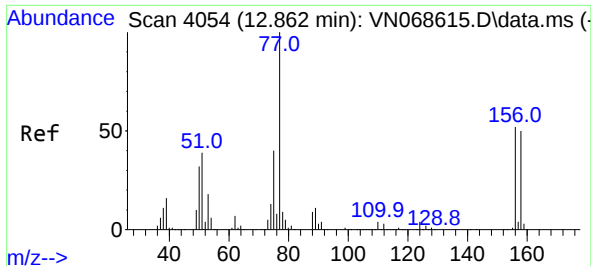
Tgt Ion: 83 Resp: 149693  
Ion Ratio Lower Upper  
83 100  
131 10.1 4.8 14.4  
85 64.6 32.2 96.6



#76  
1,2,3-Trichloropropane  
Concen: 21.542 ug/l  
RT: 12.881 min Scan# 4061  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 75 Resp: 186922  
Ion Ratio Lower Upper  
75 100  
77 132.1 0.0 0.0#



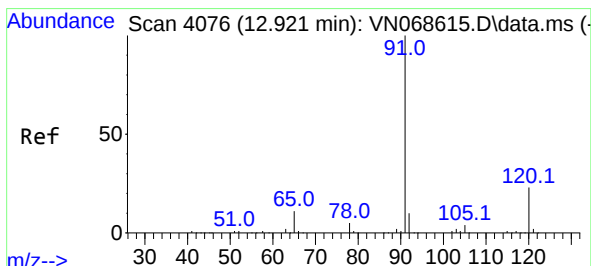
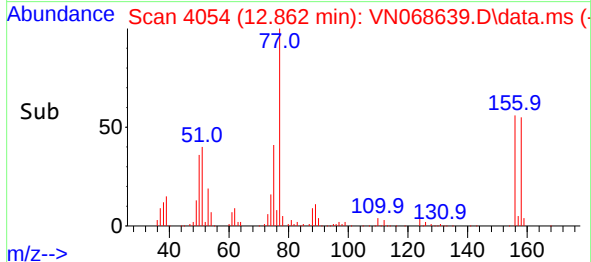
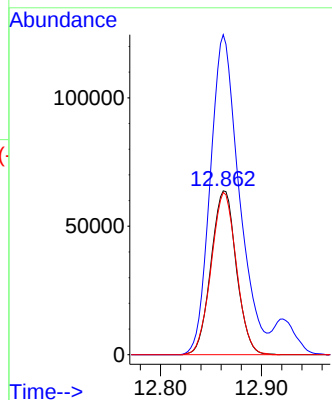
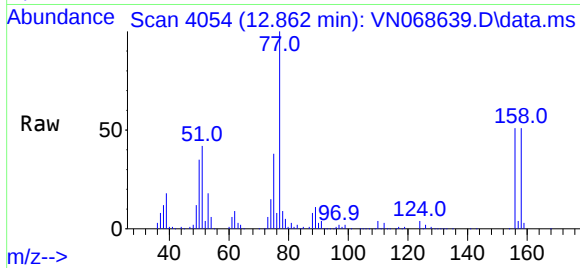


#77  
Bromobenzene  
Concen: 15.378 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

Tgt Ion:156 Resp: 110943  

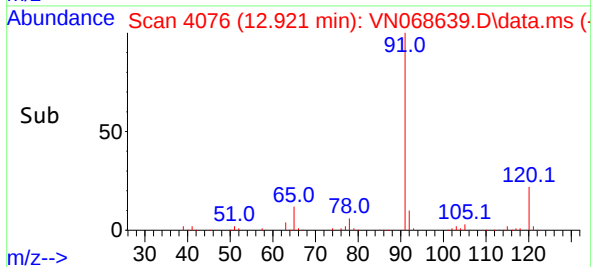
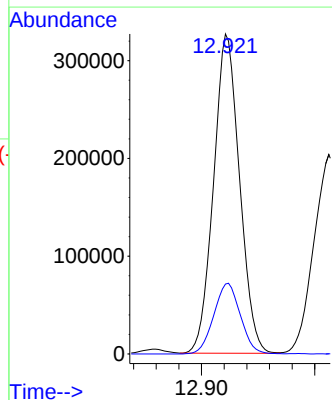
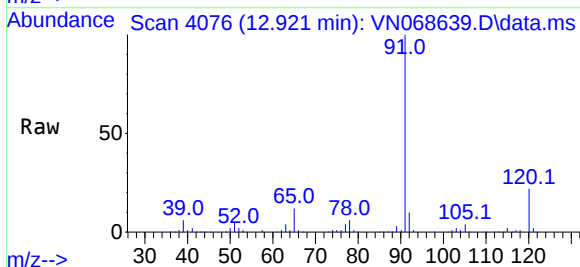
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 222.5 | 136.2 | 408.6 |
| 158 | 98.8  | 48.4  | 145.3 |

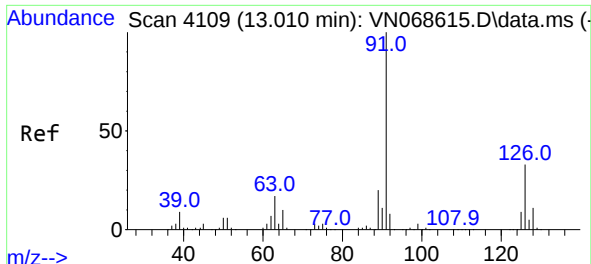


#78  
n-propylbenzene  
Concen: 14.527 ug/l  
RT: 12.921 min Scan# 4076  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 91 Resp: 519077  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 22.7  | 10.4  | 31.4  |

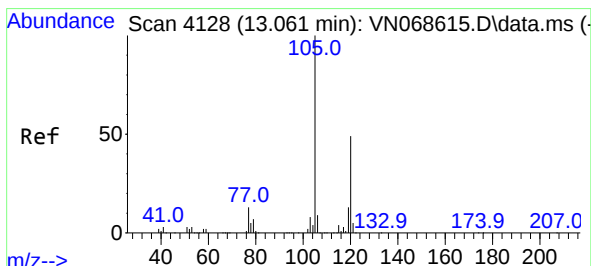
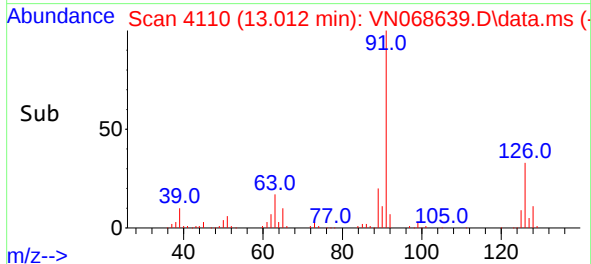
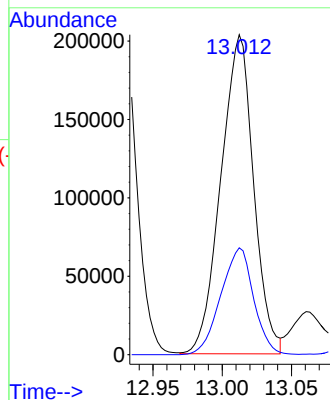
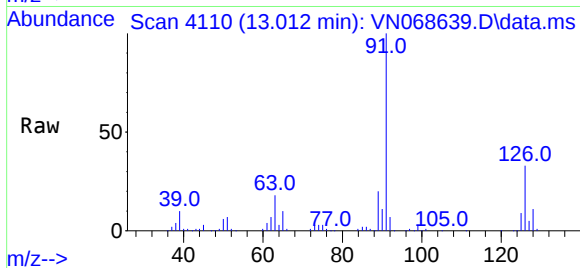




#79  
2-Chlorotoluene  
Concen: 15.484 ug/l  
RT: 13.012 min Scan# 4110  
Delta R.T. 0.002 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

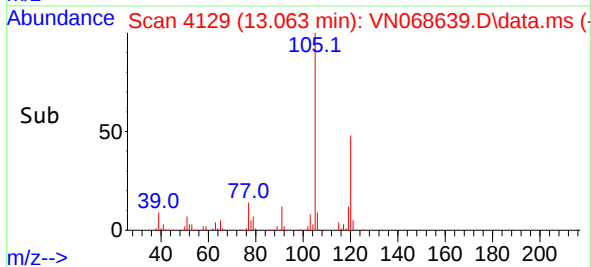
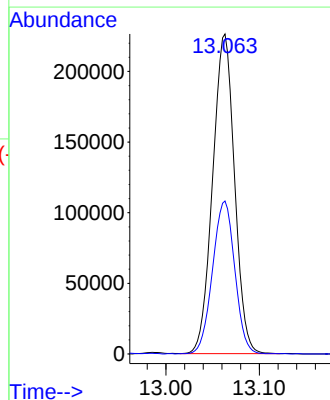
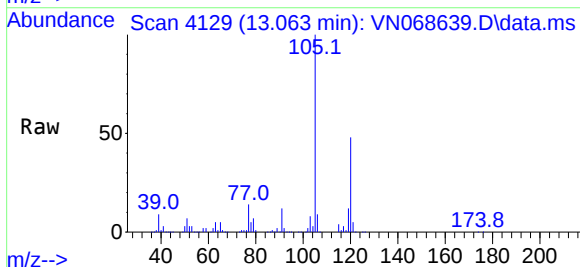
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

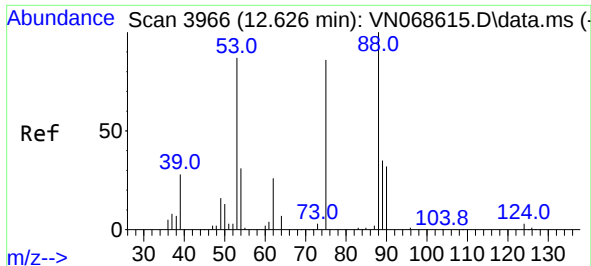
Tgt Ion: 91 Resp: 334290  
Ion Ratio Lower Upper  
91 100  
126 33.6 14.5 43.5



#80  
1,3,5-Trimethylbenzene  
Concen: 14.905 ug/l  
RT: 13.063 min Scan# 4129  
Delta R.T. 0.002 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 105 Resp: 368320  
Ion Ratio Lower Upper  
105 100  
120 48.7 22.2 66.6

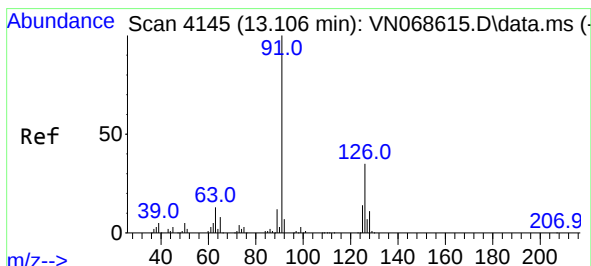
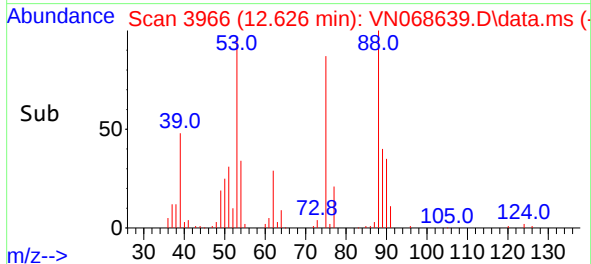
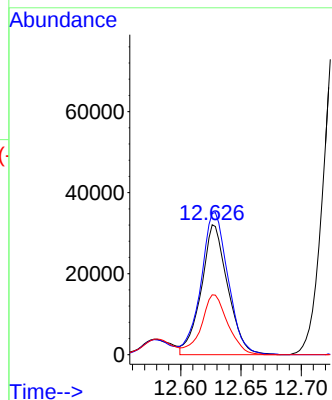
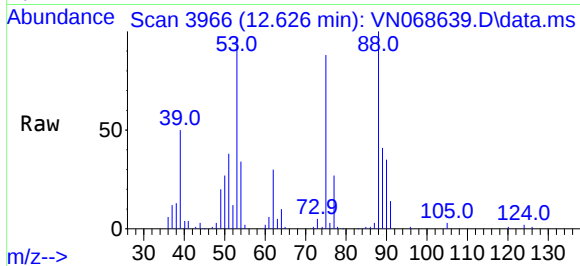




#81  
trans-1,4-Dichloro-2-butene  
Concen: 15.957 ug/l  
RT: 12.626 min Scan# 3966  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

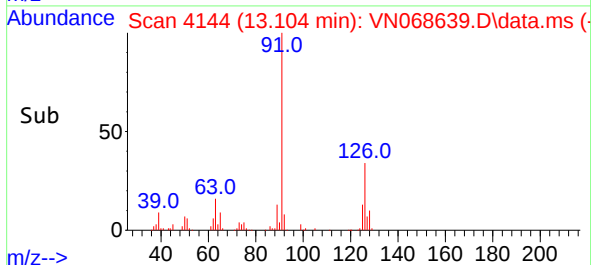
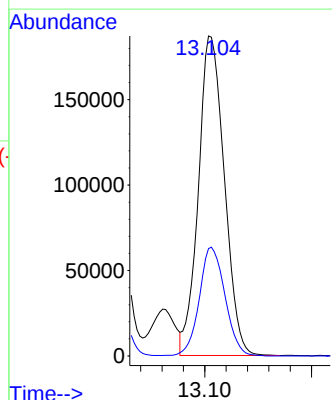
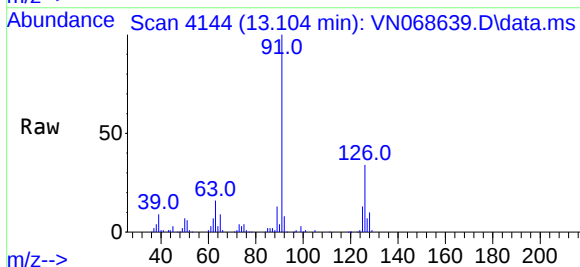
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

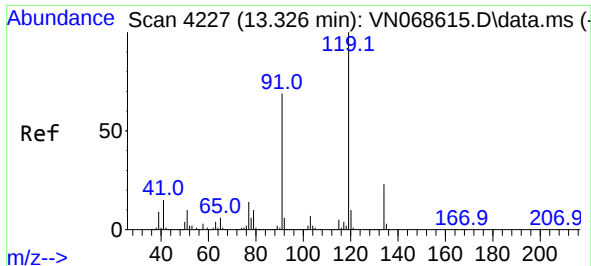
Tgt Ion: 75 Resp: 49019  
Ion Ratio Lower Upper  
75 100  
53 112.5 87.6 131.4  
89 45.6 37.8 56.8



#82  
4-Chlorotoluene  
Concen: 15.032 ug/l  
RT: 13.104 min Scan# 4144  
Delta R.T. -0.002 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 91 Resp: 315365  
Ion Ratio Lower Upper  
91 100  
126 33.8 14.8 44.4

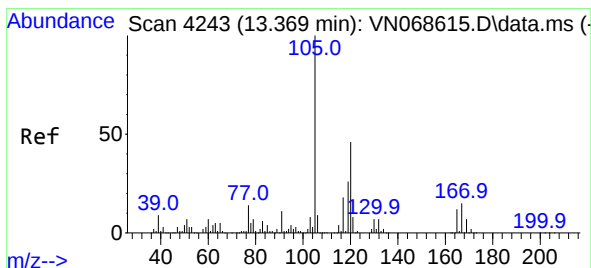
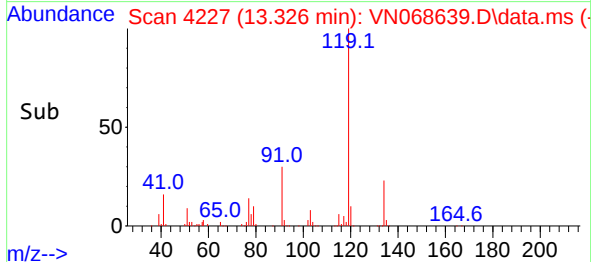
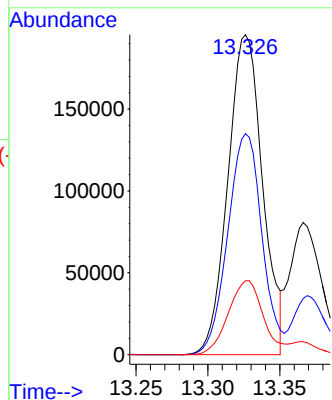
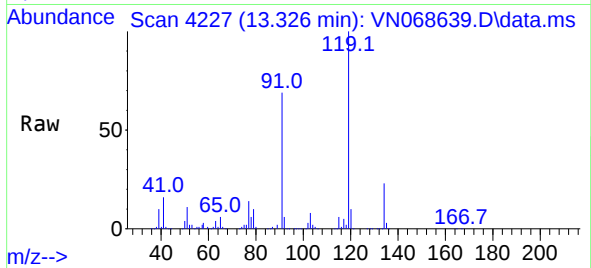




#83  
tert-Butylbenzene  
Concen: 14.650 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

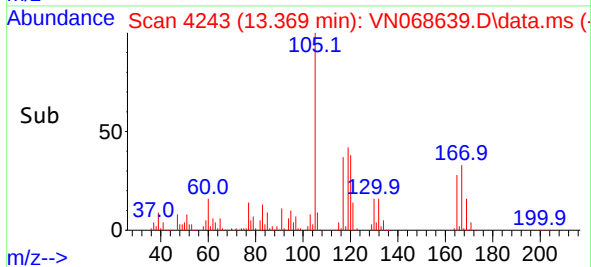
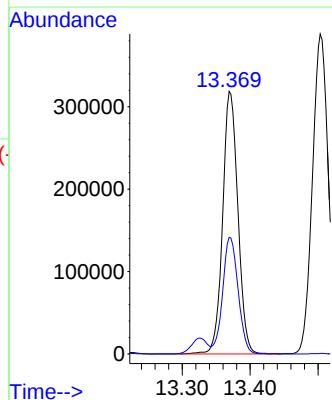
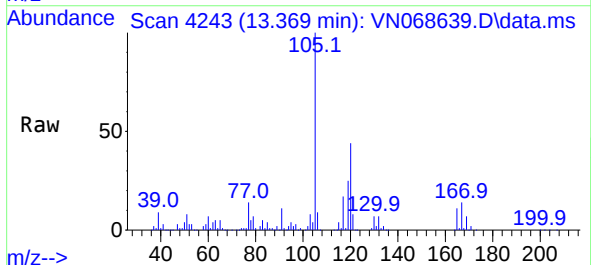
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

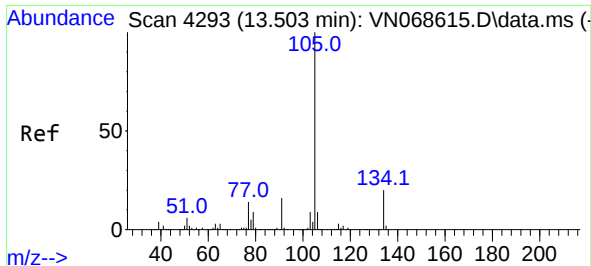
Tgt Ion:119 Resp: 328824  
Ion Ratio Lower Upper  
119 100  
91 68.2 39.5 118.5  
134 23.5 12.0 36.0



#84  
1,2,4-Trimethylbenzene  
Concen: 20.617 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion:105 Resp: 496671  
Ion Ratio Lower Upper  
105 100  
120 45.0 20.6 61.8

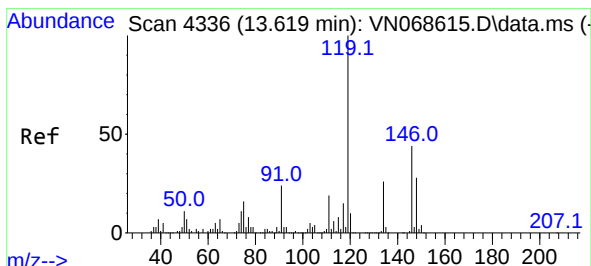
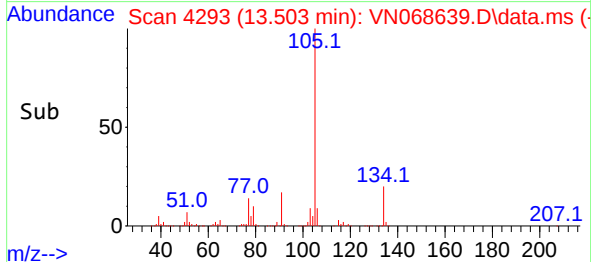
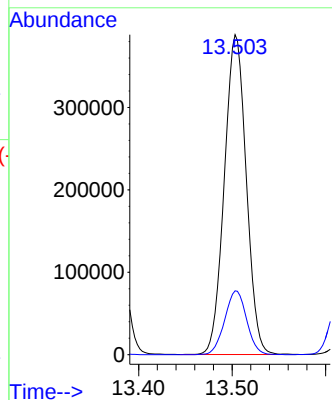
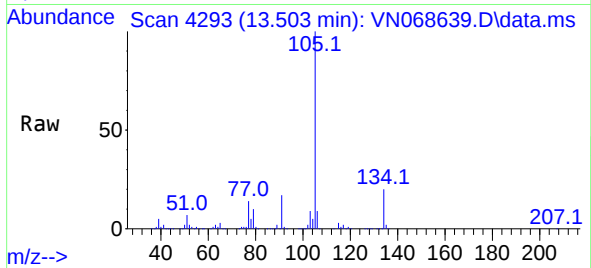




#85  
sec-Butylbenzene  
Concen: 20.729 ug/l  
RT: 13.503 min Scan# 4293  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

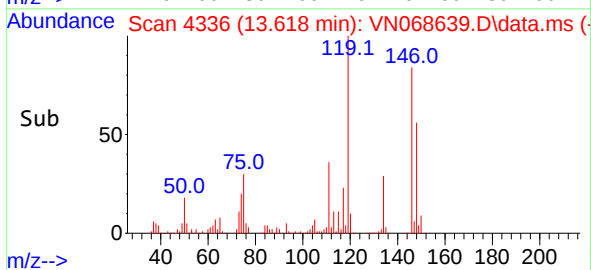
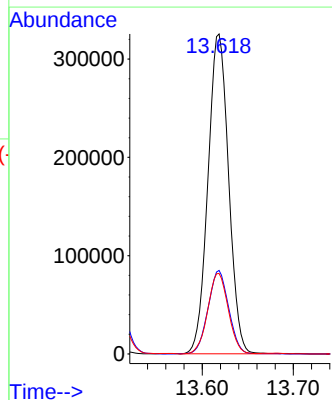
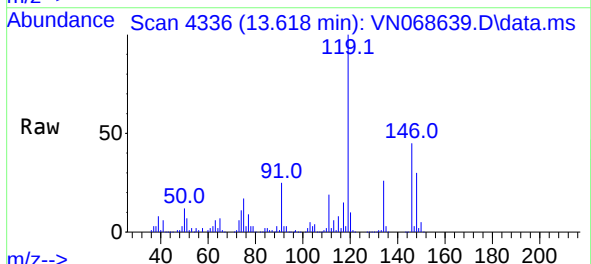
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

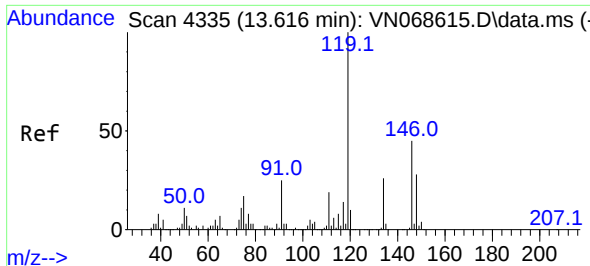
Tgt Ion:105 Resp: 632980  
Ion Ratio Lower Upper  
105 100  
134 20.0 9.0 27.1



#86  
p-Isopropyltoluene  
Concen: 20.925 ug/l  
RT: 13.618 min Scan# 4336  
Delta R.T. -0.001 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion:119 Resp: 511647  
Ion Ratio Lower Upper  
119 100  
134 26.1 12.4 37.4  
91 25.2 14.8 44.3



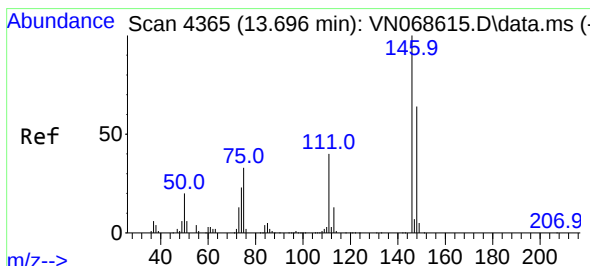
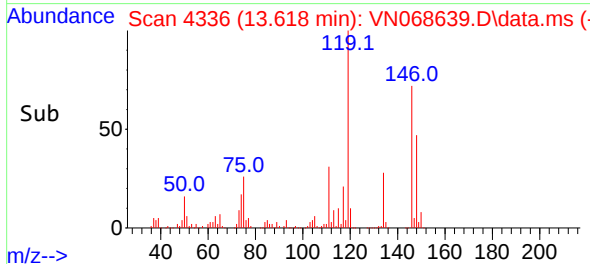
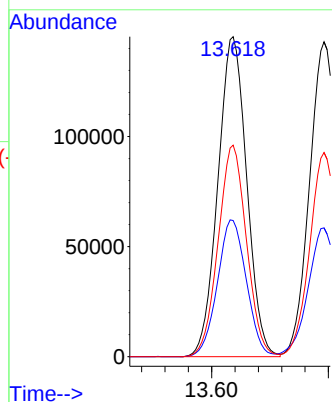
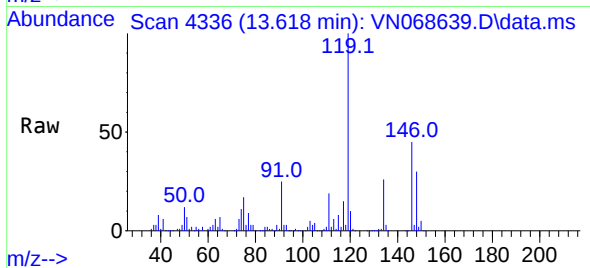


#87

1,3-Dichlorobenzene  
Concen: 20.370 ug/l  
RT: 13.618 min Scan# 4336  
Delta R.T. 0.002 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

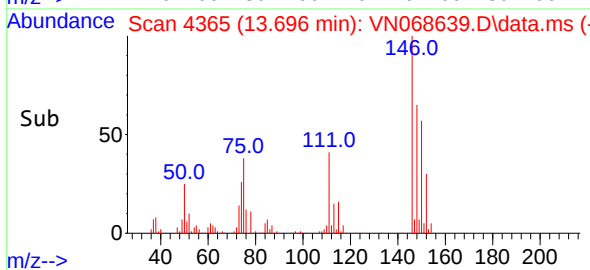
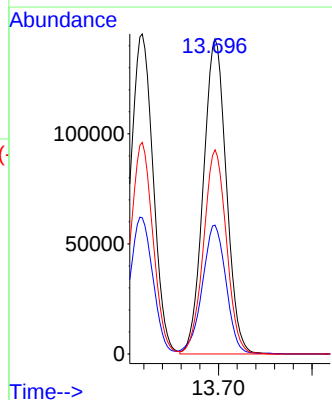
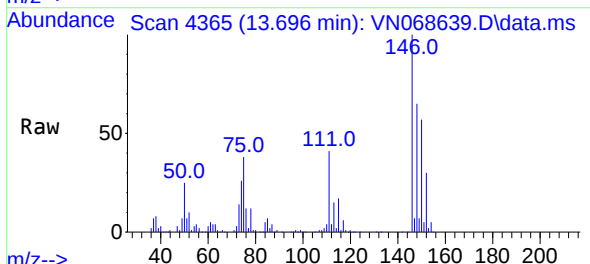
Tgt Ion:146 Resp: 249369  
Ion Ratio Lower Upper  
146 100  
111 43.0 24.3 72.8  
148 65.1 32.0 96.0

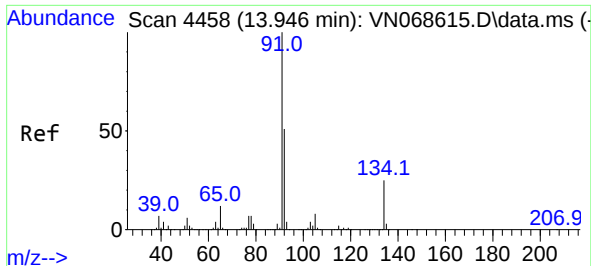


#88

1,4-Dichlorobenzene  
Concen: 19.707 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion:146 Resp: 245007  
Ion Ratio Lower Upper  
146 100  
111 41.9 23.4 70.2  
148 64.7 31.8 95.3

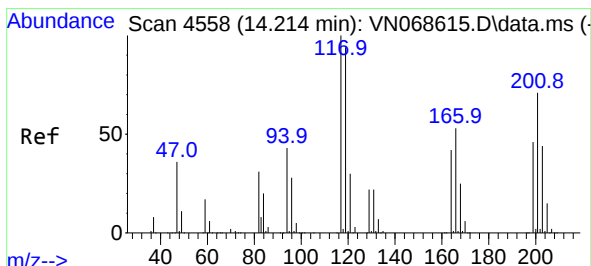
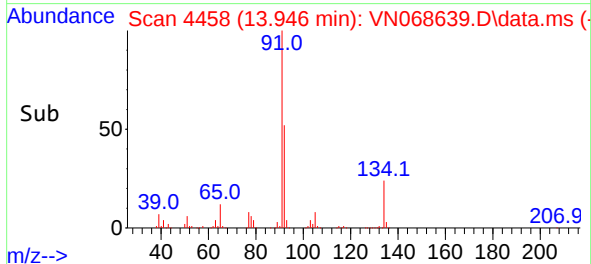
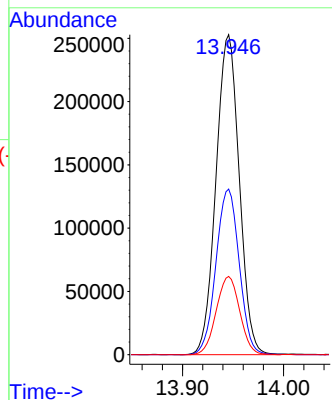
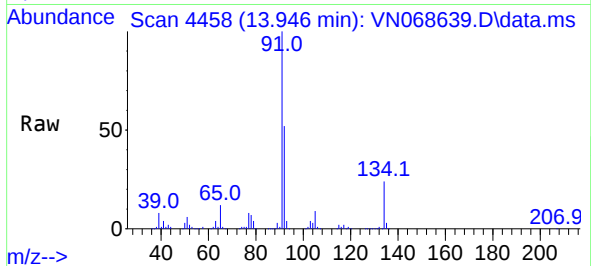




#89  
n-Butylbenzene  
Concen: 19.049 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. -0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

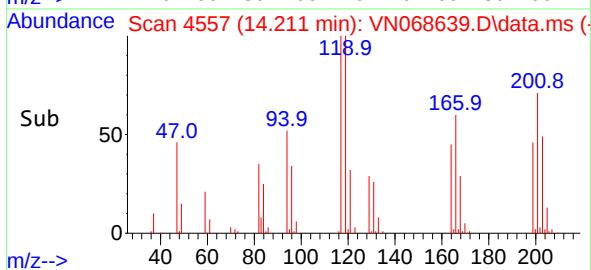
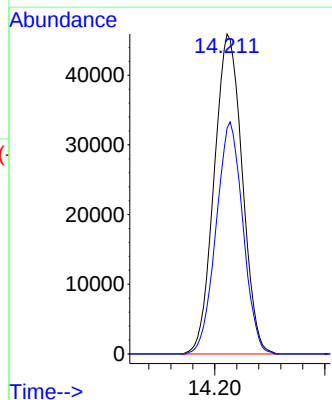
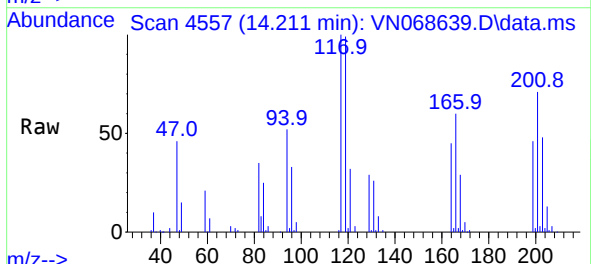
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

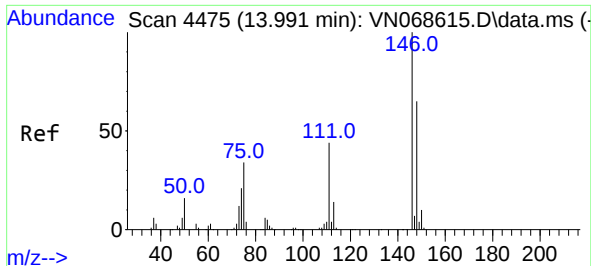
Tgt Ion: 91 Resp: 404112  
Ion Ratio Lower Upper  
91 100  
92 51.8 25.7 77.1  
134 24.7 11.2 33.6



#90  
Hexachloroethane  
Concen: 16.865 ug/l  
RT: 14.211 min Scan# 4557  
Delta R.T. -0.003 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion: 117 Resp: 81346  
Ion Ratio Lower Upper  
117 100  
201 69.4 33.5 100.5

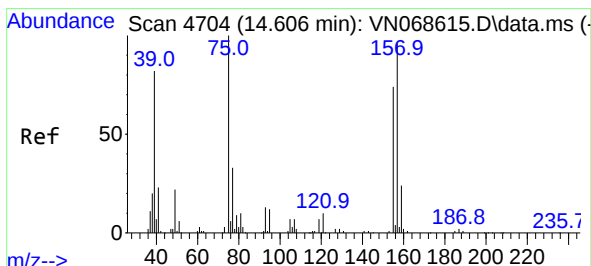
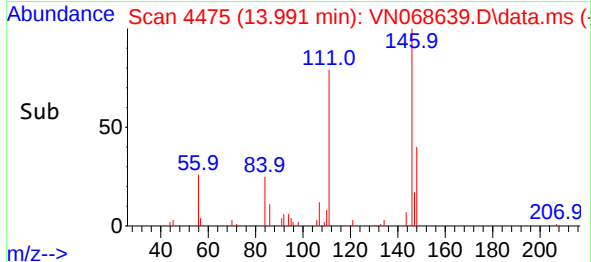
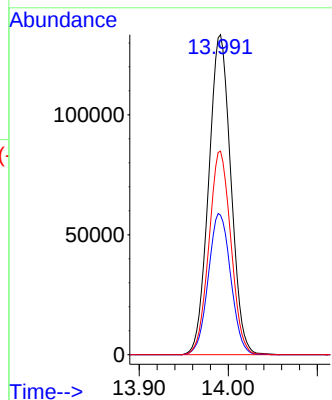
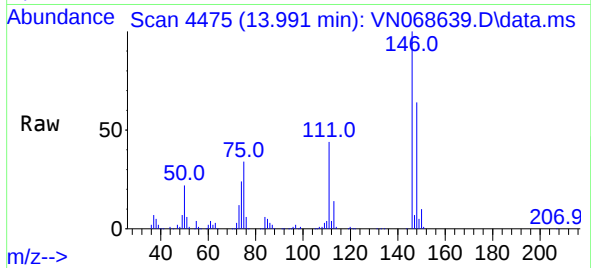




#91  
1,2-Dichlorobenzene  
Concen: 19.463 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

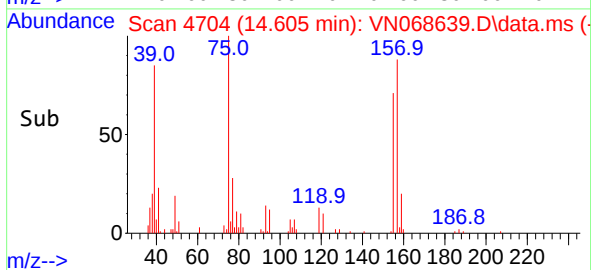
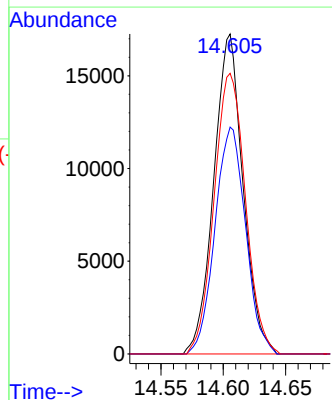
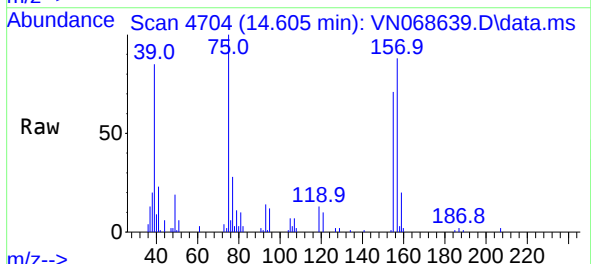
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

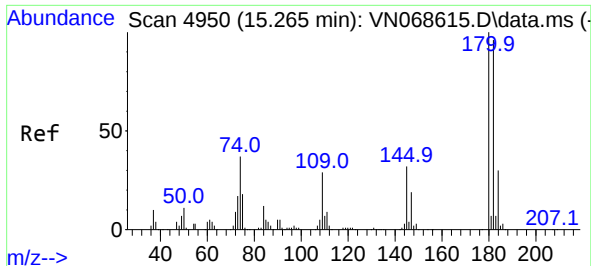
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 231083 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 44.6  | 24.9  | 74.6   |
| 148      | 63.1  | 31.6  | 95.0   |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 15.446 ug/l  
RT: 14.605 min Scan# 4704  
Delta R.T. -0.001 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 28226 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 74.1  | 29.8  | 89.5  |
| 157      | 93.8  | 37.6  | 112.8 |

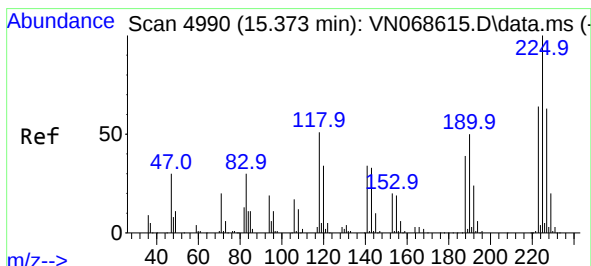
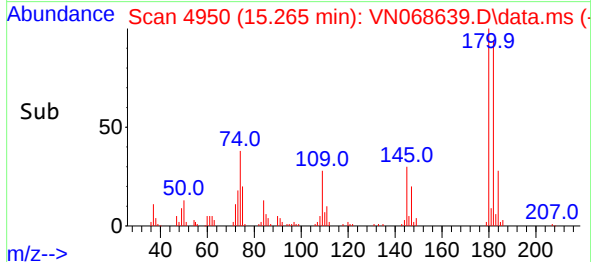
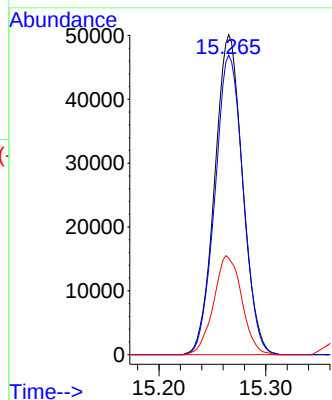
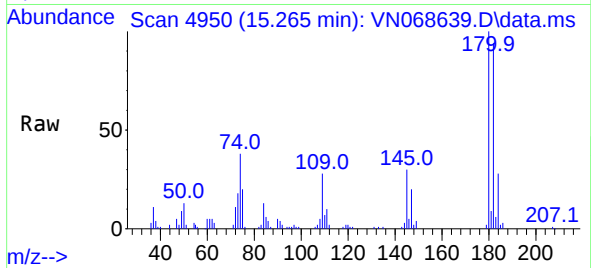




#93  
1,2,4-Trichlorobenzene  
Concen: 15.413 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

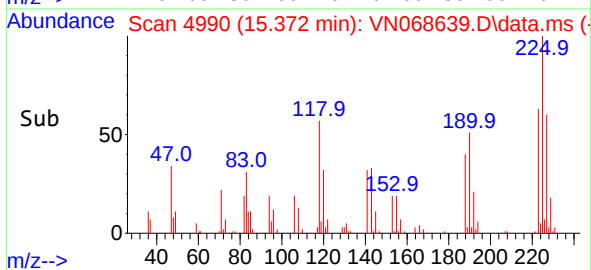
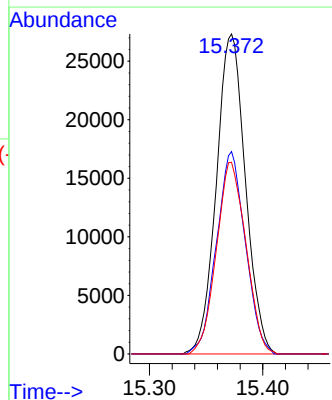
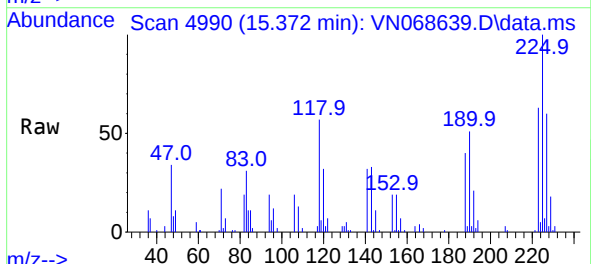
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

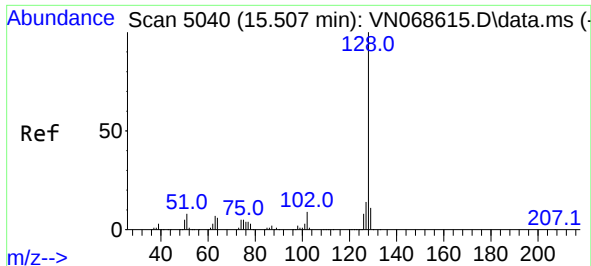
Tgt Ion:180 Resp: 90775  
Ion Ratio Lower Upper  
180 100  
182 94.6 47.5 142.5  
145 31.2 17.2 51.6



#94  
Hexachlorobutadiene  
Concen: 15.380 ug/l  
RT: 15.372 min Scan# 4990  
Delta R.T. -0.001 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Tgt Ion:225 Resp: 48677  
Ion Ratio Lower Upper  
225 100  
223 62.8 31.4 94.0  
227 60.8 31.2 93.6

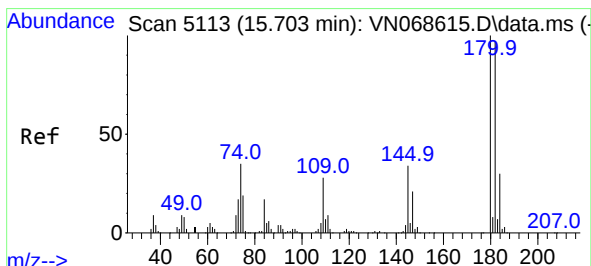
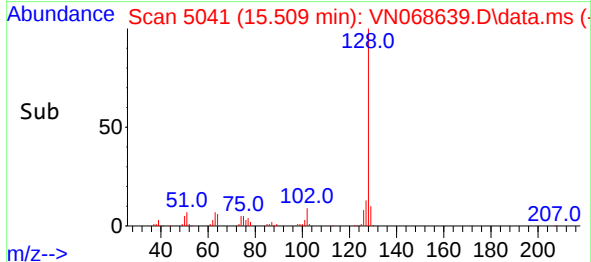
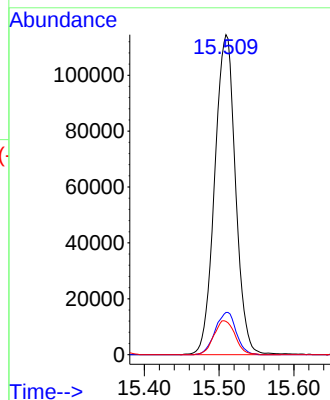
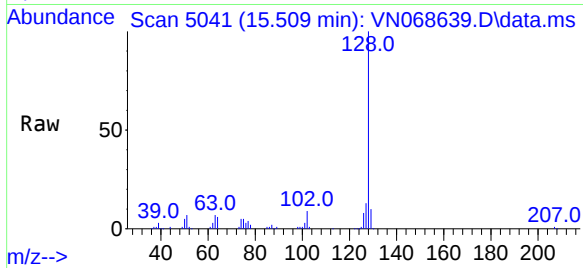




#95  
Naphthalene  
Concen: 14.271 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.002 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0924WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 221246 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.4  | 10.6  | 15.8   |
| 129       | 10.8  | 8.6   | 12.8   |



#96  
1,2,3-Trichlorobenzene  
Concen: 15.660 ug/l  
RT: 15.702 min Scan# 5113  
Delta R.T. -0.001 min  
Lab File: VN068639.D  
Acq: 24 Sep 2021 15:20

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 90112 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.8  | 47.8  | 143.3 |
| 145       | 32.5  | 18.2  | 54.6  |

