

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092321\  
 Data File : VN068615.D  
 Acq On : 23 Sep 2021 11:46  
 Operator : JC/MD  
 Sample : VSTDICCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Sep 23 12:15:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092321W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 23 12:11:32 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.088  | 168  | 612207   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 8.968  | 114  | 1033750  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.747 | 117  | 1000707  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.675 | 152  | 408164   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 477315   | 40.973   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 81.940%  |
| 35) Dibromofluoromethane    | 8.024  | 113   | 344600   | 49.776   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 99.560%  |
| 50) Toluene-d8              | 10.443 | 98    | 1418804  | 52.781   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 105.560% |
| 62) 4-Bromofluorobenzene    | 12.731 | 95    | 487744   | 45.515   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 91.040%  |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.073 | 85  | 329223  | 38.971  | ug/l   | 99  |
| 3) Chloromethane             | 2.301 | 50  | 526177  | 55.187  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.440 | 62  | 502140  | 54.700  | ug/l   | 98  |
| 5) Bromomethane              | 2.837 | 94  | 237559  | 59.215  | ug/l   | 97  |
| 6) Chloroethane              | 3.009 | 64  | 283185  | 50.525  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.368 | 101 | 604943  | 48.352  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.824 | 74  | 215230  | 43.338  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 4.213 | 101 | 321683  | 43.628  | ug/l   | 92  |
| 10) Methyl Iodide            | 4.422 | 142 | 385451  | 56.523  | ug/l   | 91  |
| 11) Tert butyl alcohol       | 5.369 | 59  | 354958  | 188.029 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.183 | 96  | 308664  | 43.360  | ug/l   | 95  |
| 13) Acrolein                 | 4.044 | 56  | 104083  | 95.930  | ug/l   | 100 |
| 14) Allyl chloride           | 4.843 | 41  | 650803  | 41.347  | ug/l   | 96  |
| 15) Acrylonitrile            | 5.554 | 53  | 1011810 | 237.355 | ug/l   | 99  |
| 16) Acetone                  | 4.288 | 43  | 901887  | 199.697 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.532 | 76  | 916438  | 40.047  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.851 | 43  | 673587  | 57.770  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.616 | 73  | 1188125 | 42.186  | ug/l   | 97  |
| 20) Methylene Chloride       | 5.098 | 84  | 376732  | 40.039  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.600 | 96  | 340451  | 43.107  | ug/l   | 97  |
| 22) Diisopropyl ether        | 6.495 | 45  | 1384754 | 47.015  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.434 | 43  | 5451437 | 206.260 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 6.391 | 63  | 675627  | 41.604  | ug/l   | 100 |
| 25) 2-Butanone               | 7.335 | 43  | 1464920 | 226.306 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 7.327 | 77  | 562483  | 34.882  | ug/l   | 96  |
| 27) cis-1,2-Dichloroethene   | 7.329 | 96  | 394755  | 42.491  | ug/l   | 94  |
| 28) Bromochloromethane       | 7.659 | 49  | 298818  | 39.427  | ug/l   | 92  |
| 29) Tetrahydrofuran          | 7.683 | 42  | 970898  | 237.246 | ug/l   | 97  |
| 30) Chloroform               | 7.820 | 83  | 696743  | 40.837  | ug/l   | 99  |
| 31) Cyclohexane              | 8.096 | 56  | 651495  | 41.133  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane    | 8.016 | 97  | 617055  | 39.761  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.223 | 75  | 526158  | 46.210  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.413 | 43  | 601116  | 49.263  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.209 | 117 | 543514  | 44.728  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.462 | 83  | 627213  | 51.502  | ug/l   | 97  |
| 40) Benzene                  | 8.461 | 78  | 1549586 | 48.471  | ug/l   | 100 |

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 Sample : VSTDICCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Sep 23 12:15:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092321W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 23 12:11:32 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.638  | 41   | 304893   | 48.185   | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 589845   | 44.382   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.560  | 43   | 1017010  | 46.880   | ug/l   | 100      |
| 44) Trichloroethene           | 9.217  | 130  | 372522   | 49.631   | ug/l   | 87       |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 416114   | 48.744   | ug/l   | 100      |
| 46) Dibromomethane            | 9.580  | 93   | 273544   | 47.348   | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.762  | 83   | 566746   | 44.130   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.561  | 41   | 500826   | 49.816   | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 142233   | 1034.700 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.331 | 43   | 3254133  | 256.547  | ug/l   | 99       |
| 52) Toluene                   | 10.508 | 92   | 1013290  | 50.046   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 641798   | 45.149   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 661524   | 45.869   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.899 | 97   | 388739   | 49.572   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 673168   | 48.175   | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 11.047 | 76   | 685997   | 48.201   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.044 | 63   | 843817   | 210.729  | ug/l   | 97       |
| 59) 2-Hexanone                | 11.087 | 43   | 2346898  | 253.044  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.240 | 129  | 431461   | 50.422   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.347 | 107  | 407459   | 49.623   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.980 | 164  | 329491   | 47.187   | ug/l   | 94       |
| 65) Chlorobenzene             | 11.773 | 112  | 1063011  | 49.258   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 401720   | 49.932   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.846 | 91   | 1982459  | 46.909   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.956 | 106  | 1467820  | 96.932   | ug/l   | 89       |
| 69) o-Xylene                  | 12.283 | 106  | 718100   | 48.537   | ug/l   | 89       |
| 70) Styrene                   | 12.296 | 104  | 1174798  | 48.111   | ug/l   | 95       |
| 71) Bromoform                 | 12.460 | 173  | 299558   | 48.912   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.581 | 105  | 1867658  | 48.080   | ug/l   | 97       |
| 74) N-amyl acetate            | 12.390 | 43   | 817245   | 43.944   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 564544   | 48.639   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.881 | 75   | 729092   | 69.433   | ug/l # | 100      |
| 77) Bromobenzene              | 12.862 | 156  | 413618   | 51.517   | ug/l   | 81       |
| 78) n-propylbenzene           | 12.921 | 91   | 2133034  | 46.520   | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 1264329  | 44.534   | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 1490886  | 46.047   | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-b... | 12.626 | 75   | 187560   | 44.791   | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 1232281  | 43.820   | ug/l   | 93       |
| 83) tert-Butylbenzene         | 13.326 | 119  | 1320277  | 50.360   | ug/l   | 91       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 1446909  | 45.291   | ug/l   | 93       |
| 85) sec-Butylbenzene          | 13.503 | 105  | 1825700  | 49.394   | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.619 | 119  | 1493794  | 49.858   | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene       | 13.616 | 146  | 717250   | 50.075   | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146  | 700009   | 48.770   | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.946 | 91   | 1253720  | 45.404   | ug/l   | 98       |
| 90) Hexachloroethane          | 14.214 | 117  | 281798   | 48.719   | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 676956   | 50.014   | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.606 | 75   | 104736   | 37.599   | ug/l   | 80       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 339478   | 48.412   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.373 | 225  | 173801   | 43.545   | ug/l   | 98       |
| 95) Naphthalene               | 15.507 | 128  | 938847   | 44.828   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.703 | 180  | 329768   | 48.772   | ug/l   | 98       |

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Sample : VSTDICCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

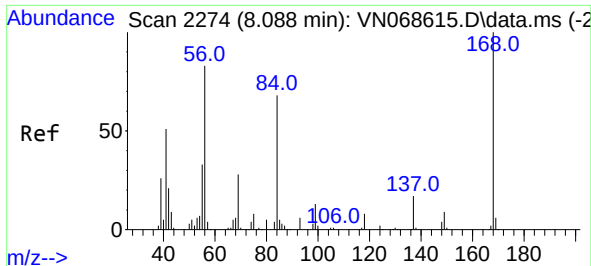
Quant Time: Sep 23 12:15:25 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092321W.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 23 12:11:32 2021  
Response via : Initial Calibration

| 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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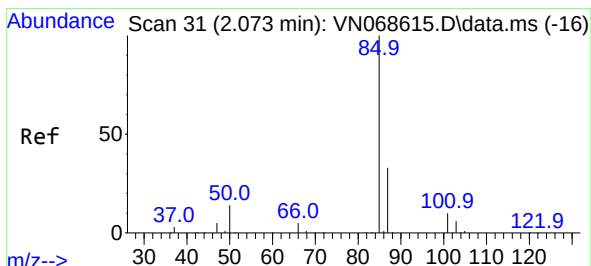
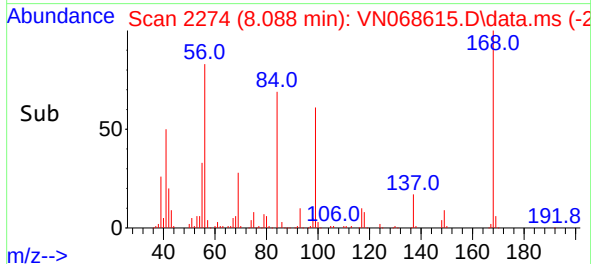
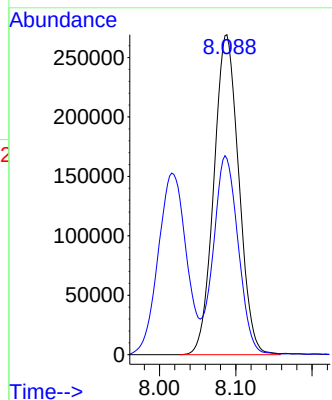
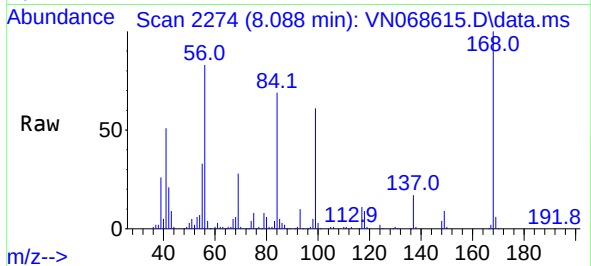




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

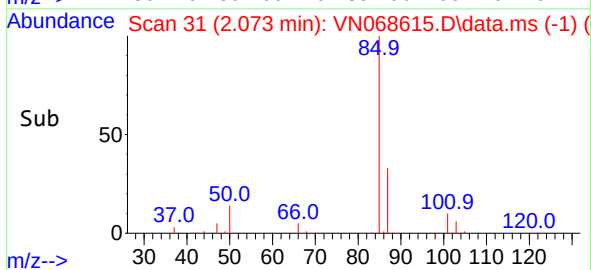
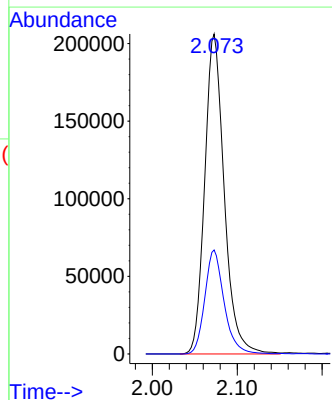
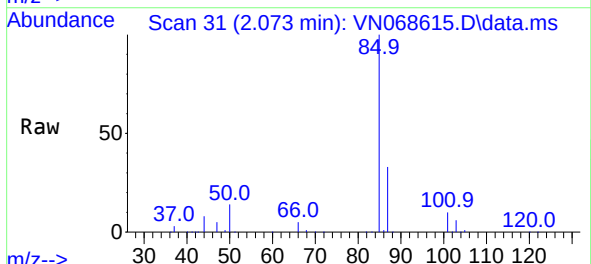
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

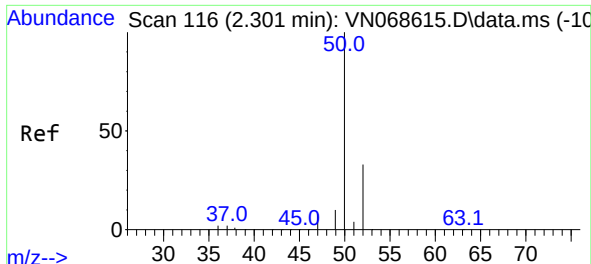
Tgt Ion:168 Resp: 612207  
Ion Ratio Lower Upper  
168 100  
99 61.0 62.9 94.3#



#2  
Dichlorodifluoromethane  
Concen: 38.971 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 85 Resp: 329223  
Ion Ratio Lower Upper  
85 100  
87 32.5 16.1 48.2

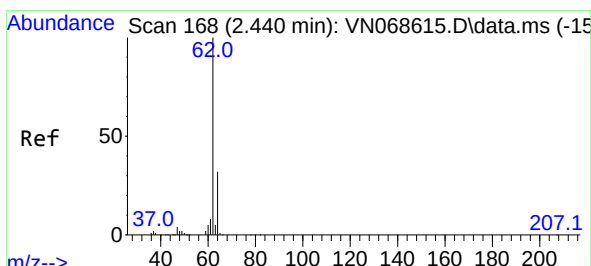
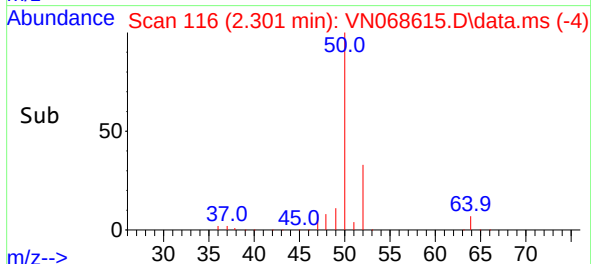
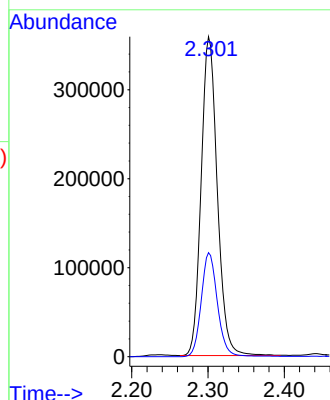
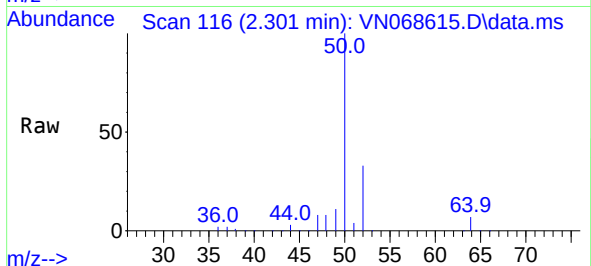




#3  
Chloromethane  
Concen: 55.187 ug/l  
RT: 2.301 min Scan# 116  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

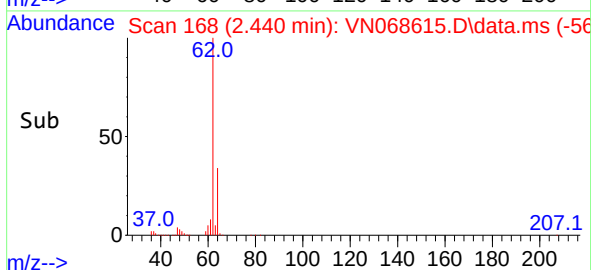
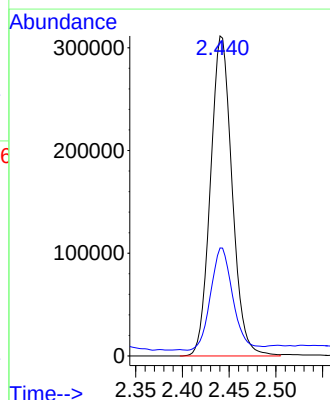
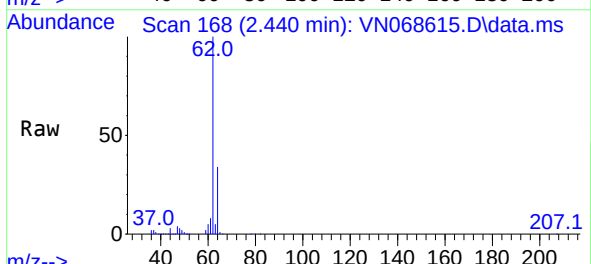
Instrument :  
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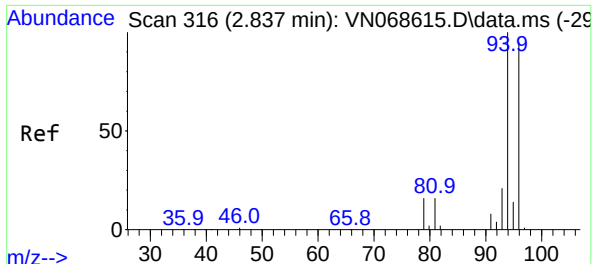
Tgt Ion: 50 Resp: 526177  
Ion Ratio Lower Upper  
50 100  
52 32.6 25.6 38.4



#4  
Vinyl Chloride  
Concen: 54.700 ug/l  
RT: 2.440 min Scan# 168  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 62 Resp: 502140  
Ion Ratio Lower Upper  
62 100  
64 31.8 24.4 36.6

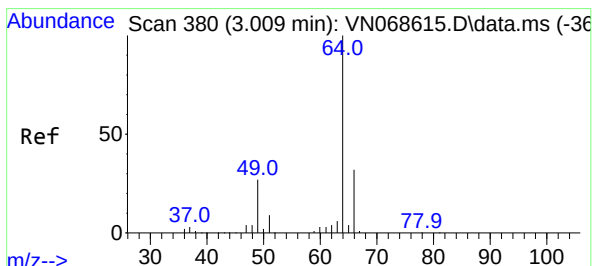
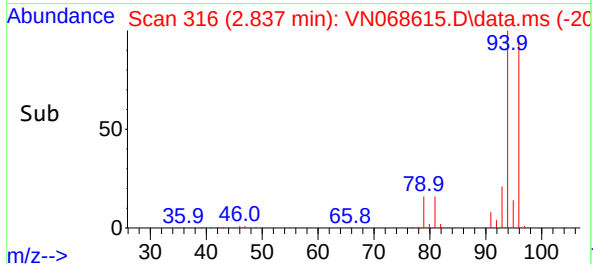
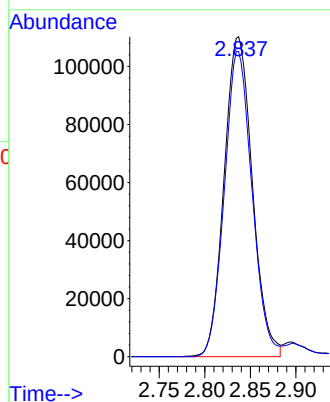
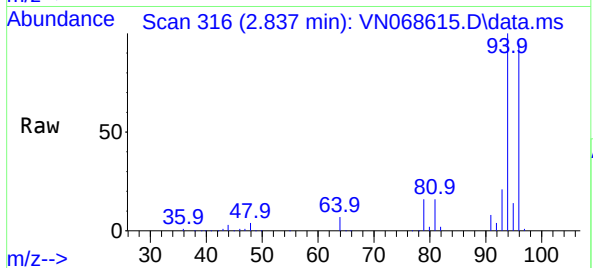




#5  
Bromomethane  
Concen: 59.215 ug/l  
RT: 2.837 min Scan# 316  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

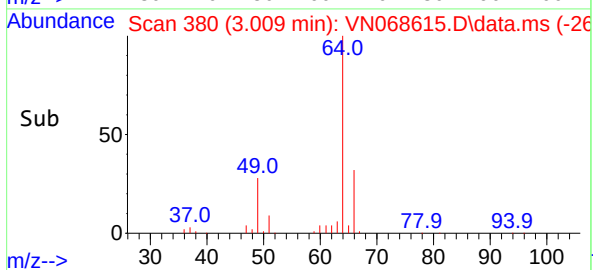
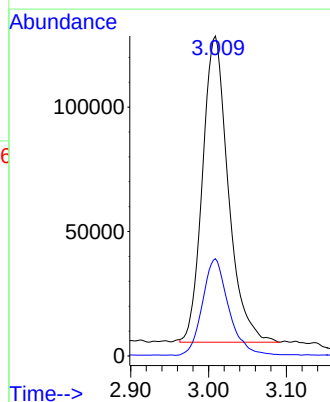
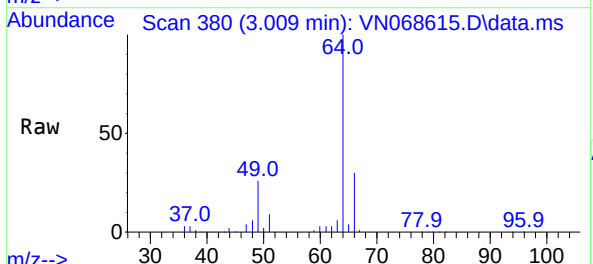
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

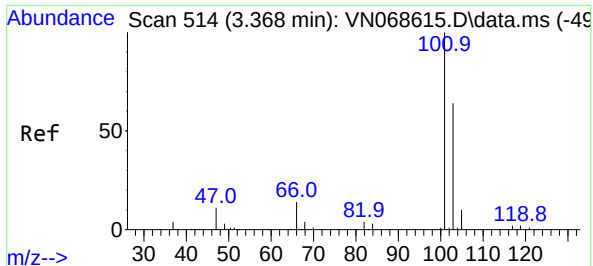
Tgt Ion: 94 Resp: 237559  
Ion Ratio Lower Upper  
94 100  
96 95.4 73.7 110.5



#6  
Chloroethane  
Concen: 50.525 ug/l  
RT: 3.009 min Scan# 380  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 64 Resp: 283185  
Ion Ratio Lower Upper  
64 100  
66 31.4 24.7 37.1

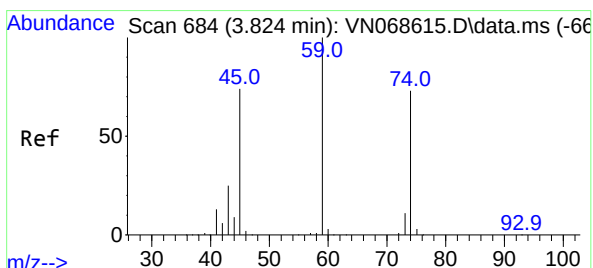
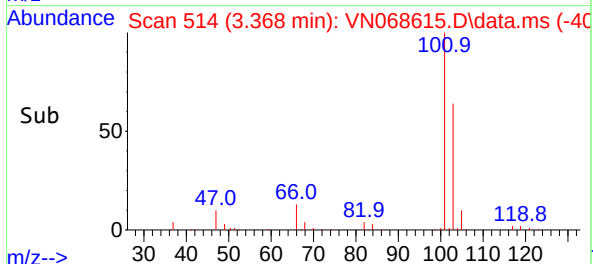
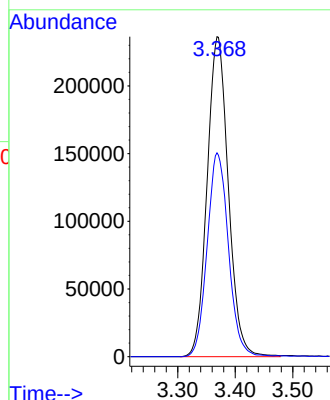
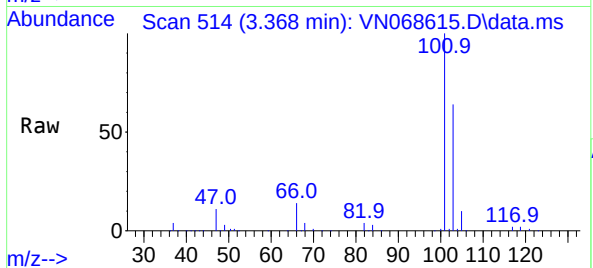




#7  
Trichlorofluoromethane  
Concen: 48.352 ug/l  
RT: 3.368 min Scan# 514  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

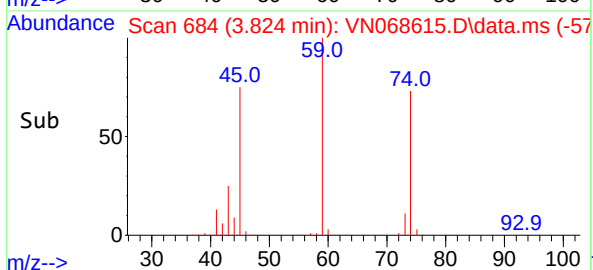
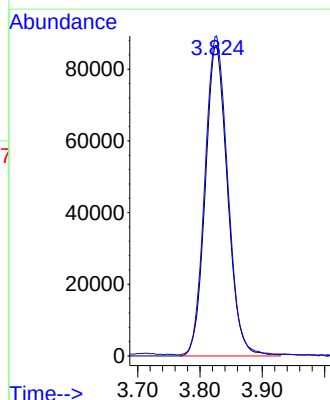
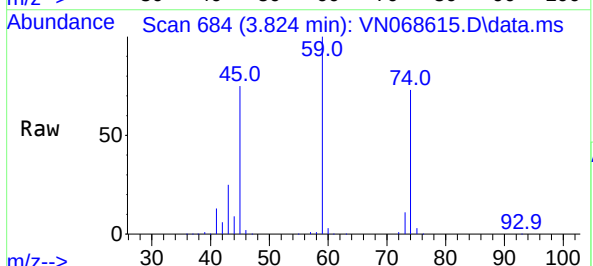
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tgt Ion:101 Resp: 604943  
Ion Ratio Lower Upper  
101 100  
103 63.7 51.2 76.8

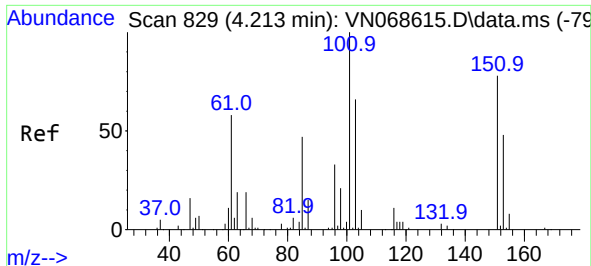


#8  
Diethyl Ether  
Concen: 43.338 ug/l  
RT: 3.824 min Scan# 684  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 74 Resp: 215230  
Ion Ratio Lower Upper  
74 100  
45 104.7 50.2 150.7



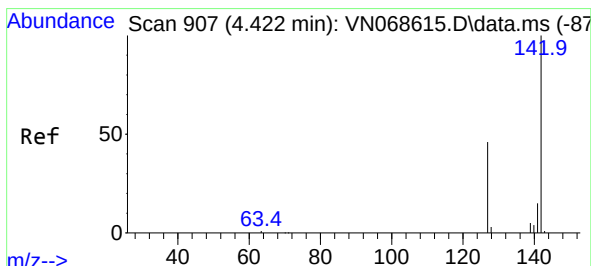
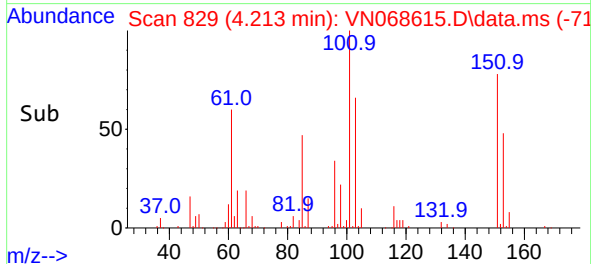
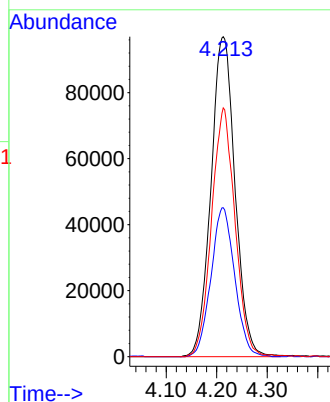
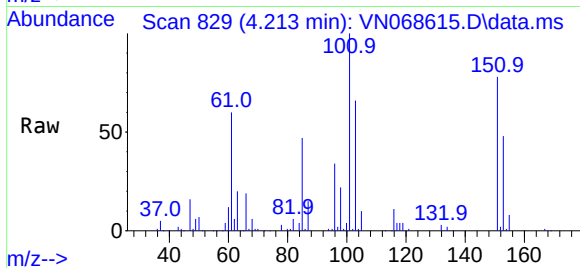




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 43.628 ug/l  
RT: 4.213 min Scan# 829  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

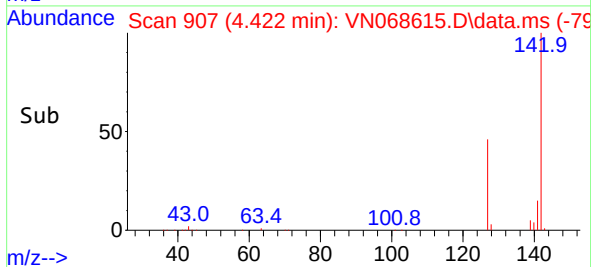
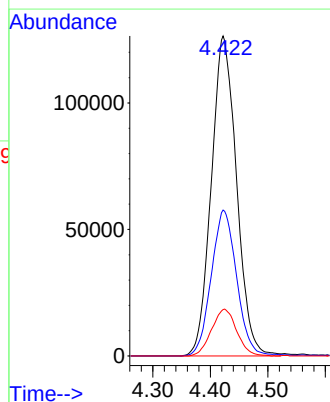
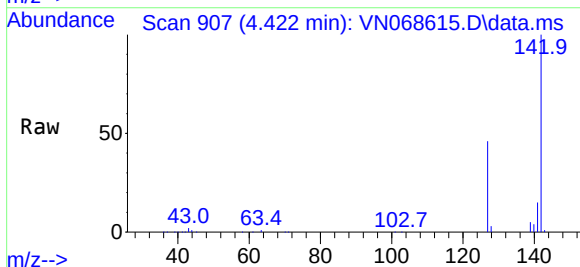
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MSVOA\_N  
ClientSampleId :  
VSTDICCC050

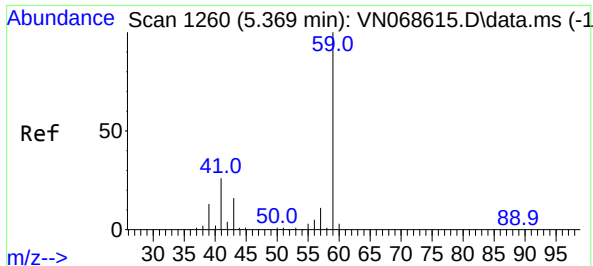
Tgt Ion:101 Resp: 321683  
Ion Ratio Lower Upper  
101 100  
85 45.8 39.6 59.4  
151 75.4 54.1 81.1



#10  
Methyl Iodide  
Concen: 56.523 ug/l  
RT: 4.422 min Scan# 907  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion:142 Resp: 385451  
Ion Ratio Lower Upper  
142 100  
127 46.0 43.1 64.7  
141 14.6 11.4 17.0

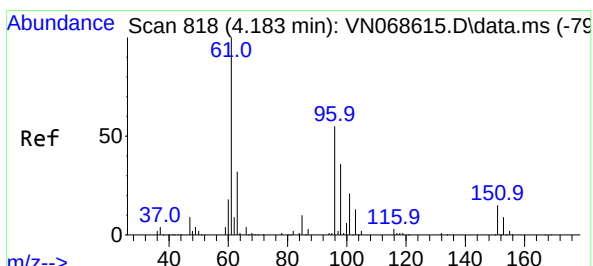
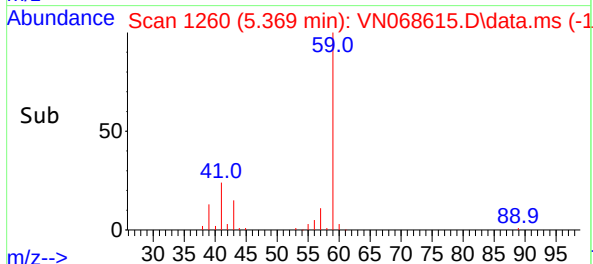
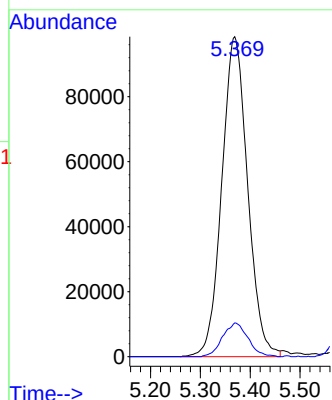
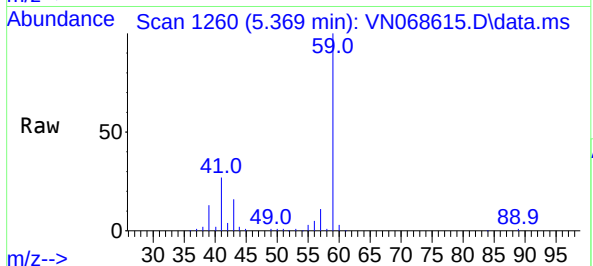




#11  
Tert butyl alcohol  
Concen: 188.029 ug/l  
RT: 5.369 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

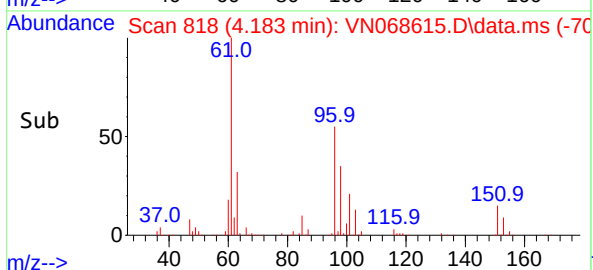
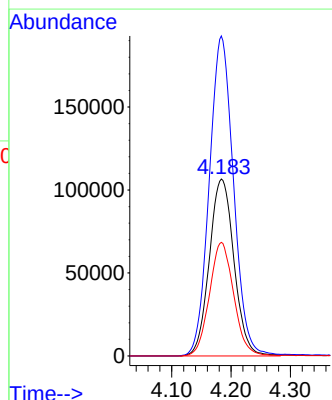
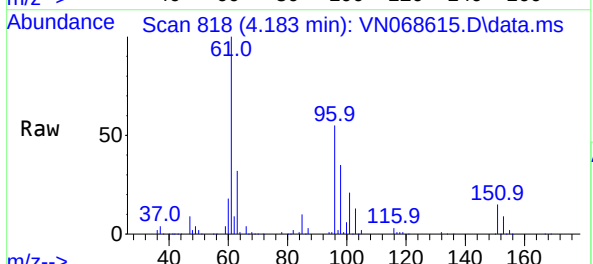
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

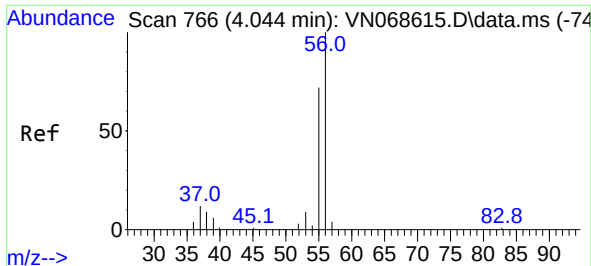
Tgt Ion: 59 Resp: 354958  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 43.360 ug/l  
RT: 4.183 min Scan# 818  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 96 Resp: 308664  
Ion Ratio Lower Upper  
96 100  
61 180.7 152.6 229.0  
98 64.2 50.9 76.3

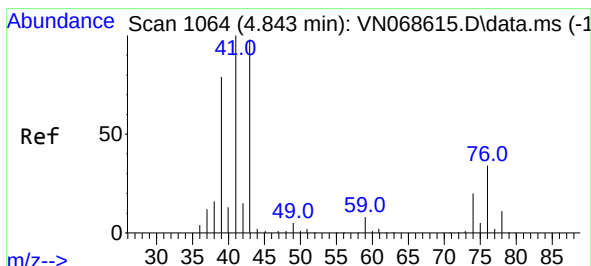
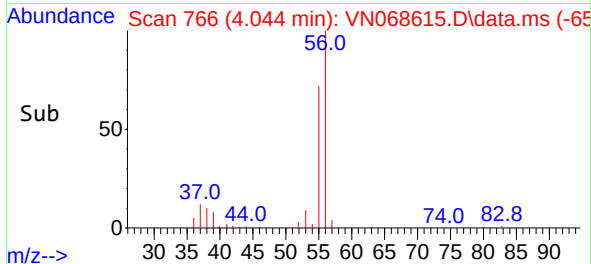
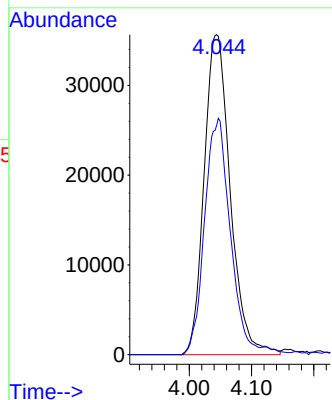
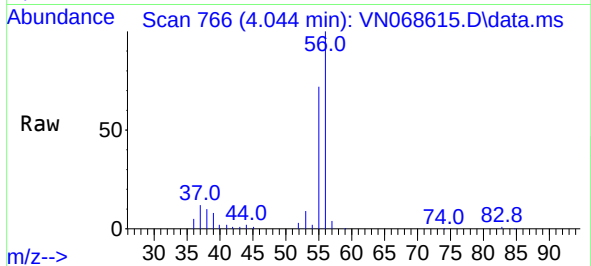




#13  
Acrolein  
Concen: 95.930 ug/l  
RT: 4.044 min Scan# 766  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

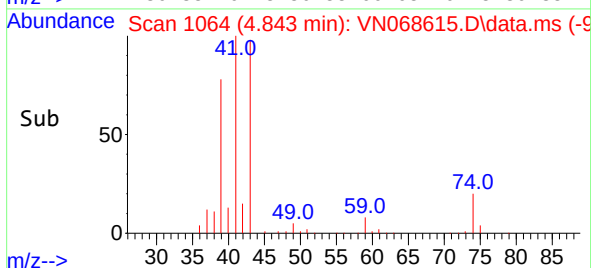
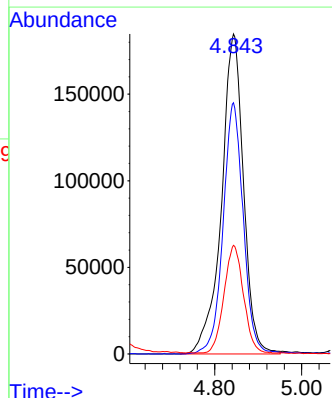
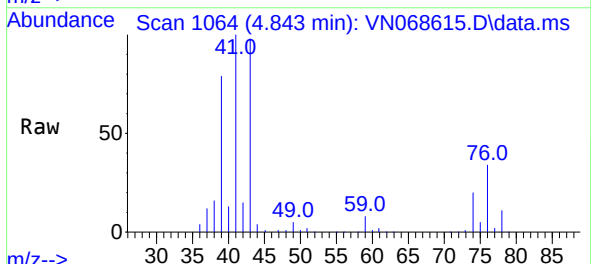
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ClientSampleId :  
VSTDICCC050

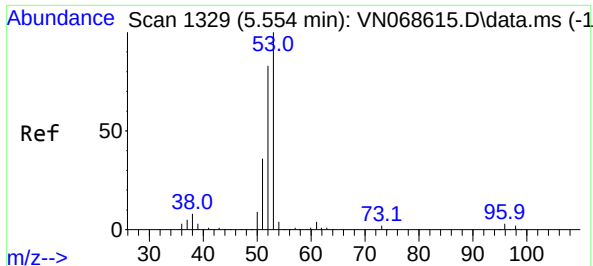
Tgt Ion: 56 Resp: 104083  
Ion Ratio Lower Upper  
56 100  
55 71.9 57.4 86.0



#14  
Allyl chloride  
Concen: 41.347 ug/l  
RT: 4.843 min Scan# 1064  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 41 Resp: 650803  
Ion Ratio Lower Upper  
41 100  
39 71.8 60.9 91.3  
76 29.5 24.3 36.5

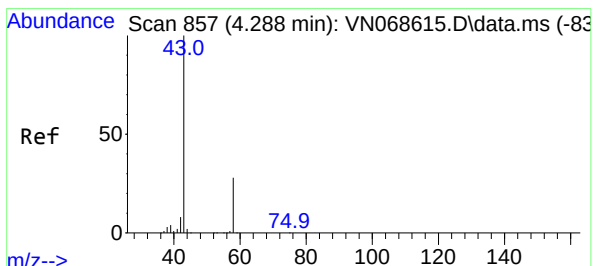
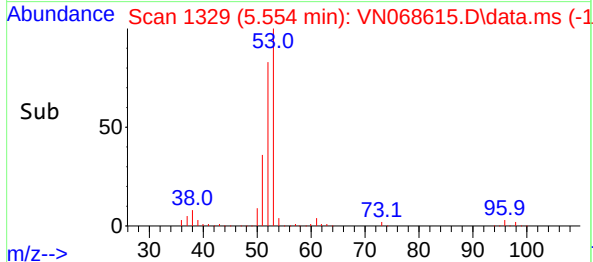
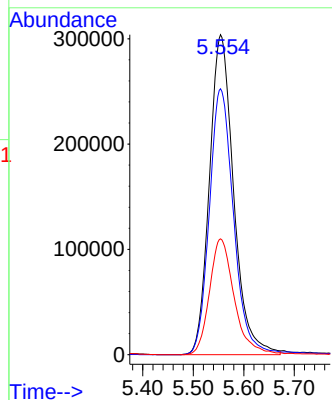
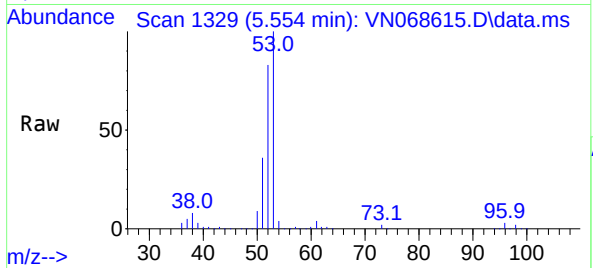




#15  
Acrylonitrile  
Concen: 237.355 ug/l  
RT: 5.554 min Scan# 1329  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

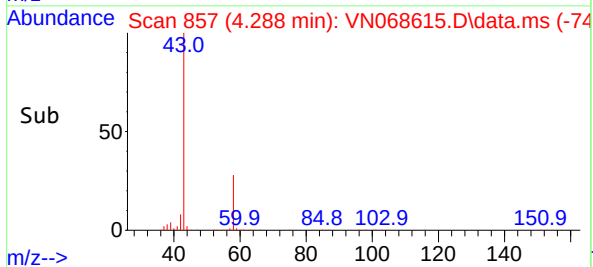
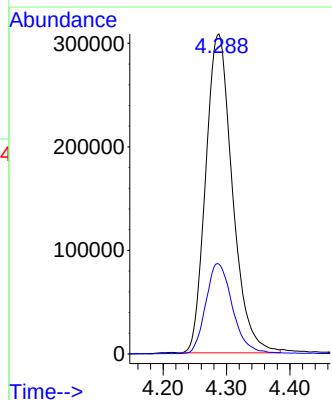
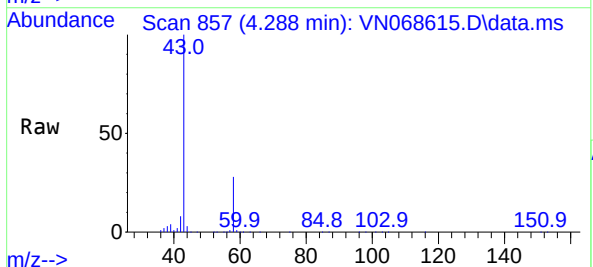
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

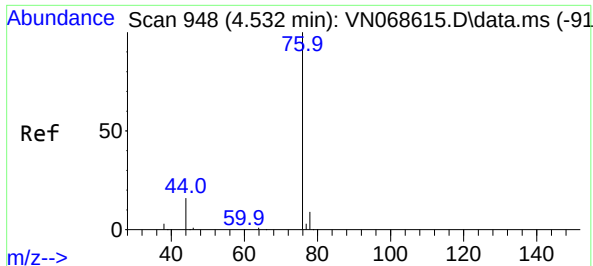
Tgt Ion: 53 Resp: 1011810  
Ion Ratio Lower Upper  
53 100  
52 83.2 66.2 99.2  
51 37.1 30.2 45.4



#16  
Acetone  
Concen: 199.697 ug/l  
RT: 4.288 min Scan# 857  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 43 Resp: 901887  
Ion Ratio Lower Upper  
43 100  
58 28.1 21.2 31.8

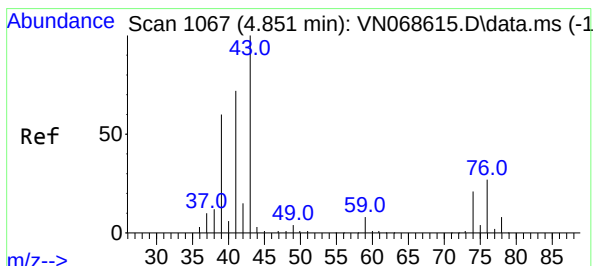
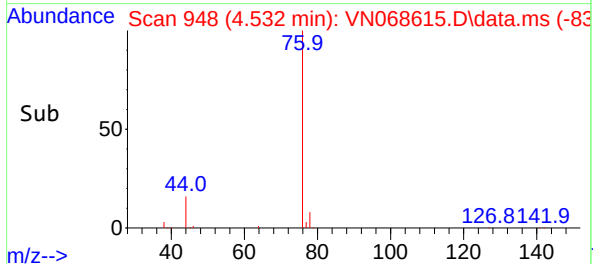
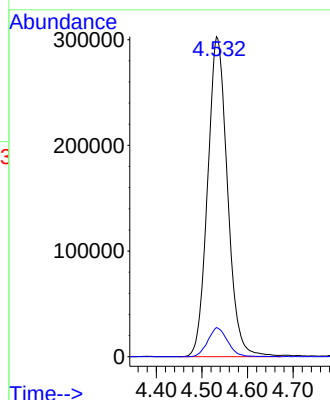
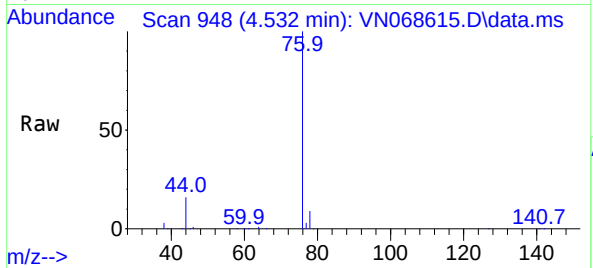




#17  
Carbon Disulfide  
Concen: 40.047 ug/l  
RT: 4.532 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

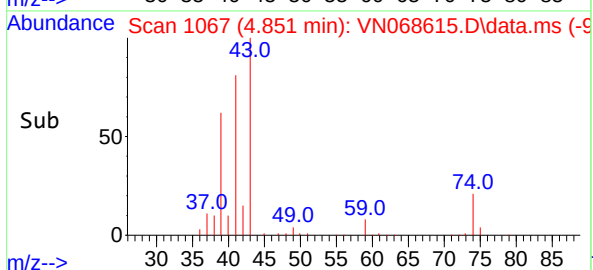
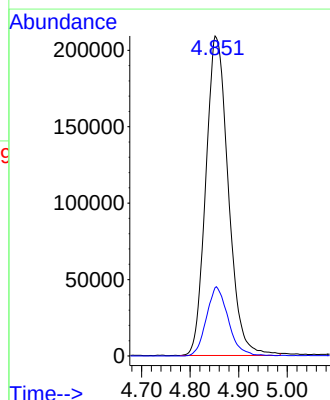
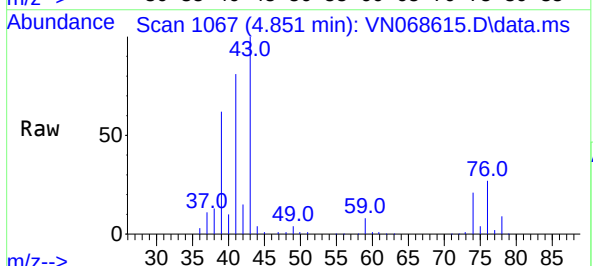
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ClientSampleId :  
VSTDICCC050

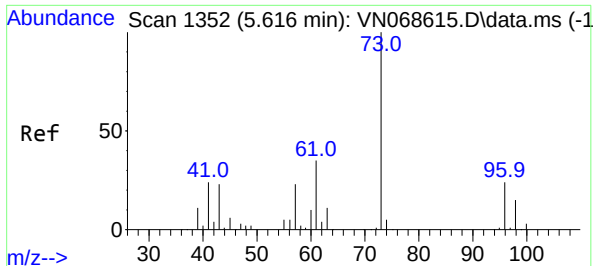
Tgt Ion: 76 Resp: 916438  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.7 11.5



#18  
Methyl Acetate  
Concen: 57.770 ug/l  
RT: 4.851 min Scan# 1067  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 43 Resp: 673587  
Ion Ratio Lower Upper  
43 100  
74 21.0 17.4 26.0



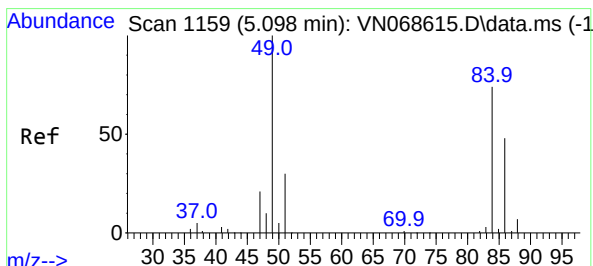
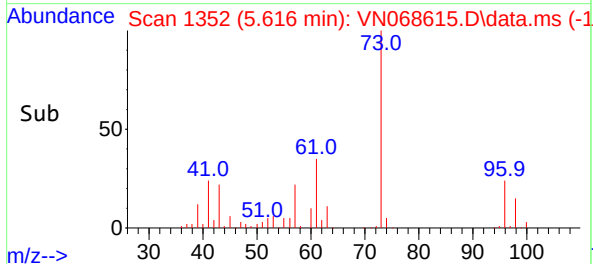
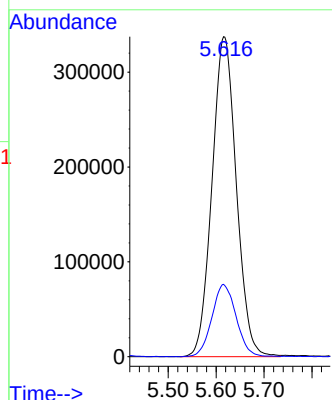
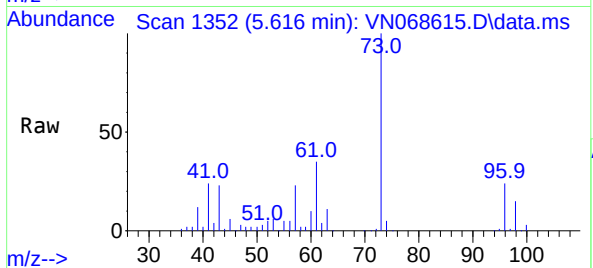


#19

Methyl tert-butyl Ether  
Concen: 42.186 ug/l  
RT: 5.616 min Scan# 1352  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

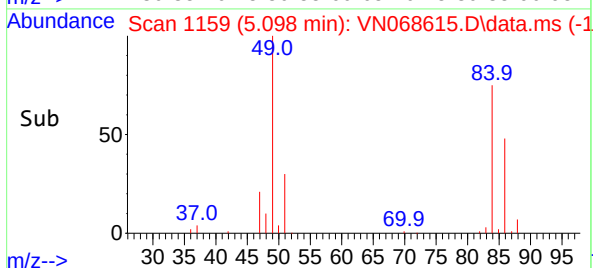
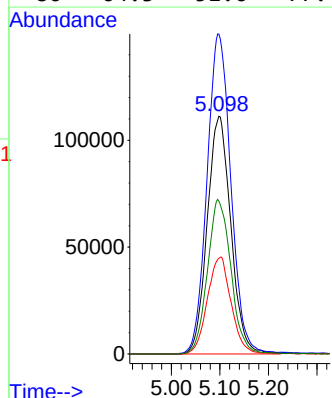
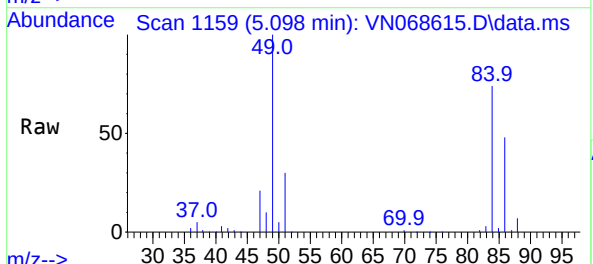
Tgt Ion: 73 Resp: 1188125  
Ion Ratio Lower Upper  
73 100  
57 22.6 17.0 25.6

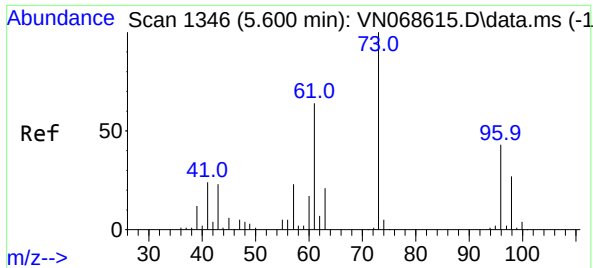


#20

Methylene Chloride  
Concen: 40.039 ug/l  
RT: 5.098 min Scan# 1159  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 84 Resp: 376732  
Ion Ratio Lower Upper  
84 100  
49 134.2 110.9 166.3  
51 40.3 32.6 49.0  
86 64.3 51.6 77.4

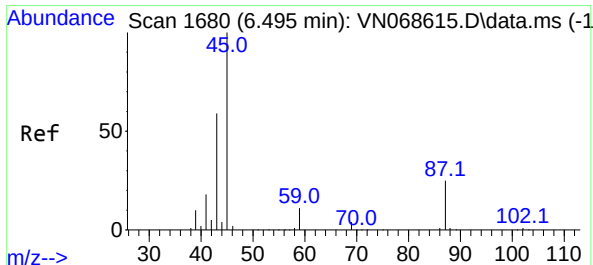
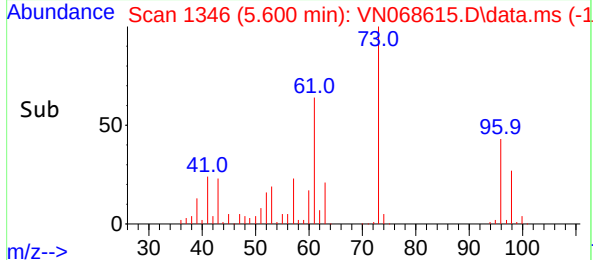
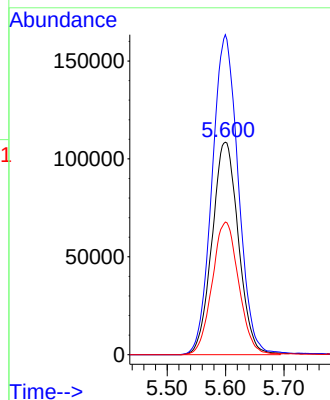
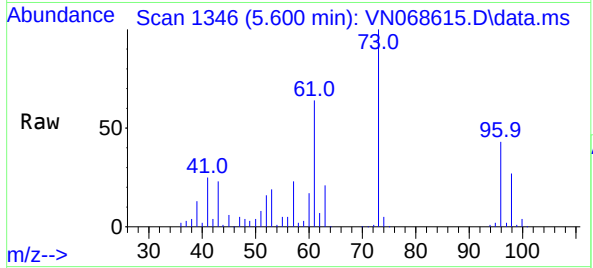




#21  
trans-1,2-Dichloroethene  
Concen: 43.107 ug/l  
RT: 5.600 min Scan# 1346  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

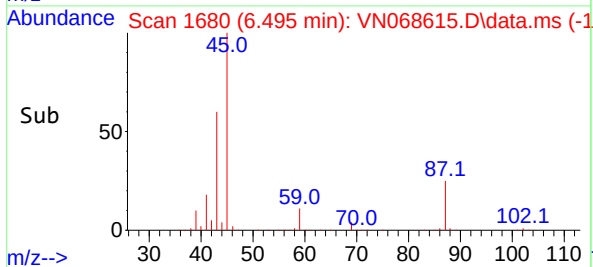
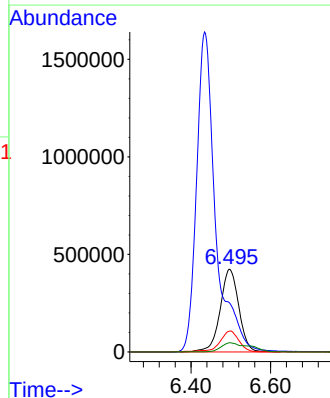
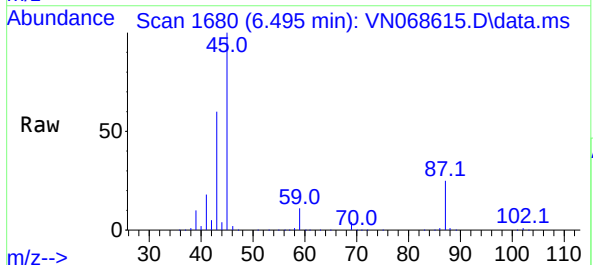
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ClientSampleId :  
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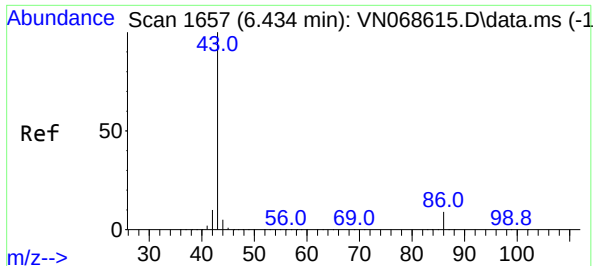
Tgt Ion: 96 Resp: 340451  
Ion Ratio Lower Upper  
96 100  
61 150.6 123.5 185.3  
98 62.4 48.6 72.8



#22  
Diisopropyl ether  
Concen: 47.015 ug/l  
RT: 6.495 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 45 Resp: 1384754  
Ion Ratio Lower Upper  
45 100  
43 58.8 49.4 74.2  
87 24.9 20.9 31.3  
59 11.0 9.0 13.4

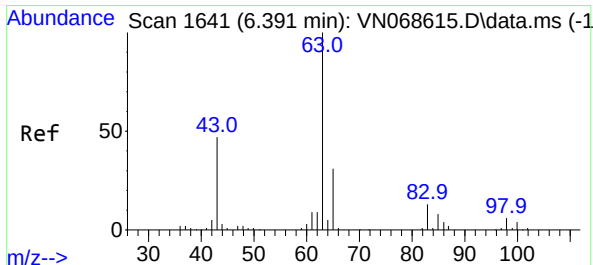
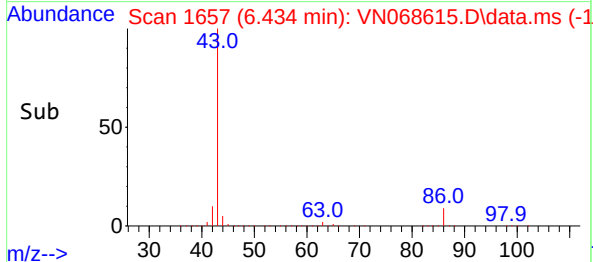
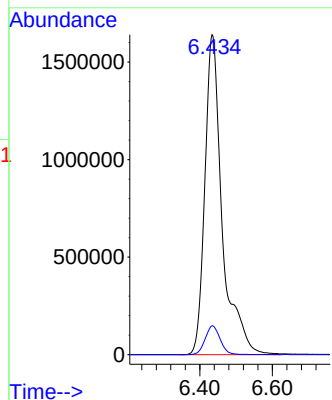
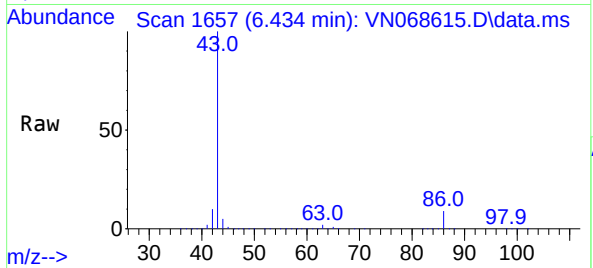




#23  
 Vinyl Acetate  
 Concen: 206.260 ug/l  
 RT: 6.434 min Scan# 1657  
 Delta R.T. 0.000 min  
 Lab File: VN068615.D  
 Acq: 23 Sep 2021 11:46

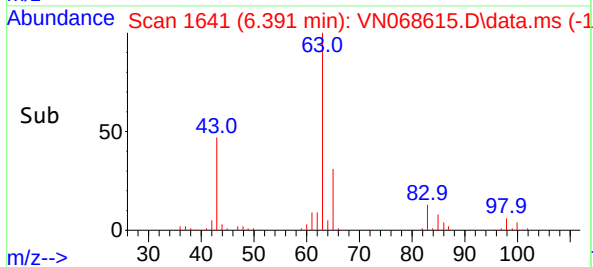
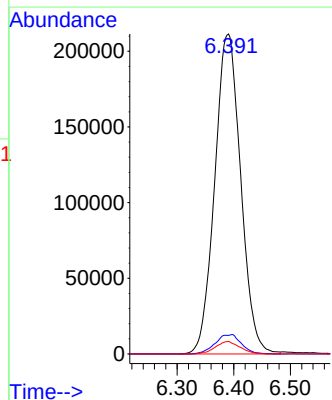
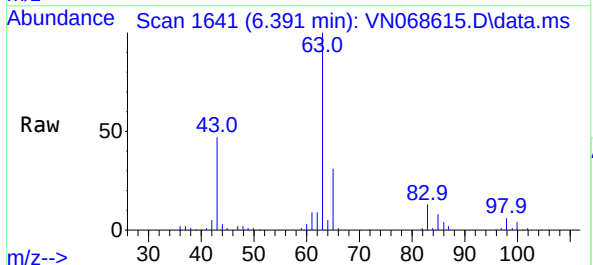
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

Tgt Ion: 43 Resp: 5451437  
 Ion Ratio Lower Upper  
 43 100  
 86 9.0 7.3 10.9

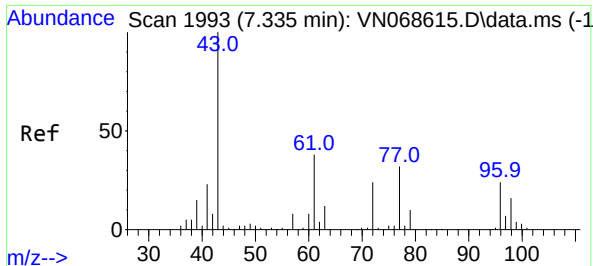


#24  
 1,1-Dichloroethane  
 Concen: 41.604 ug/l  
 RT: 6.391 min Scan# 1641  
 Delta R.T. 0.000 min  
 Lab File: VN068615.D  
 Acq: 23 Sep 2021 11:46

Tgt Ion: 63 Resp: 675627  
 Ion Ratio Lower Upper  
 63 100  
 98 5.8 3.0 9.0  
 100 3.9 1.9 5.7



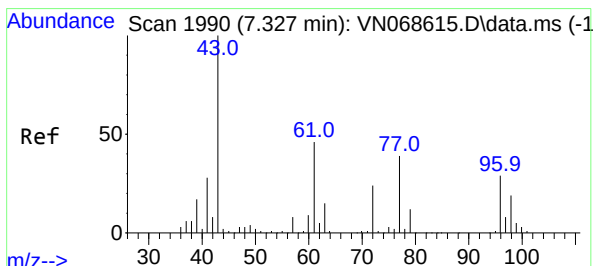
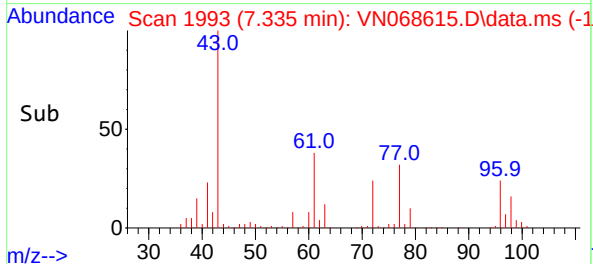
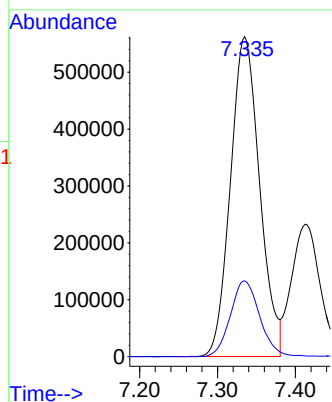
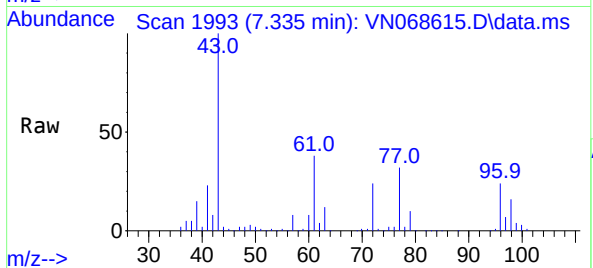




#25  
2-Butanone  
Concen: 226.306 ug/l  
RT: 7.335 min Scan# 1993  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

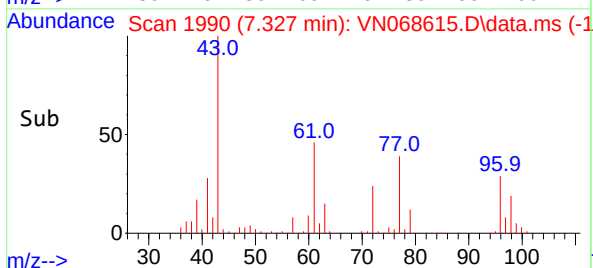
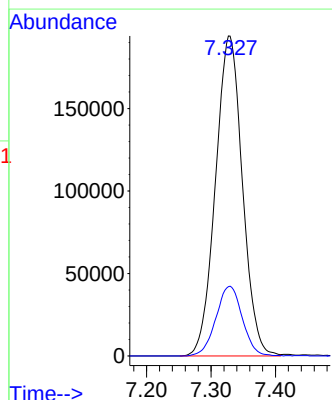
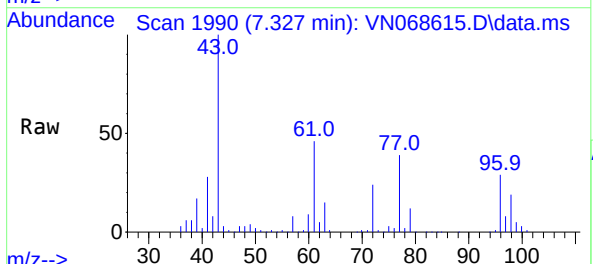
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

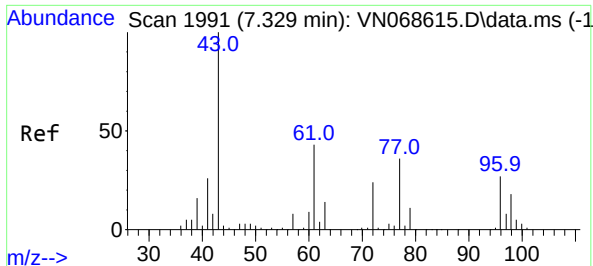
Tgt Ion: 43 Resp: 1464920  
Ion Ratio Lower Upper  
43 100  
72 23.7 19.7 29.5



#26  
2,2-Dichloropropane  
Concen: 34.882 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 77 Resp: 562483  
Ion Ratio Lower Upper  
77 100  
97 21.4 9.8 29.3

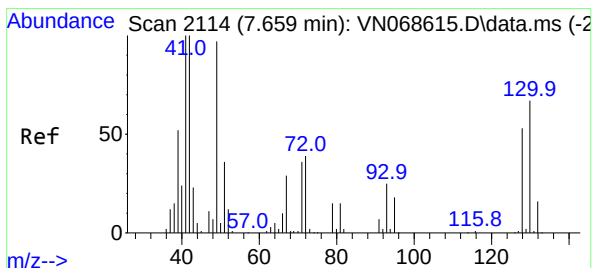
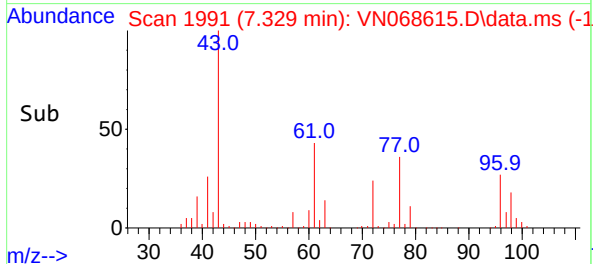
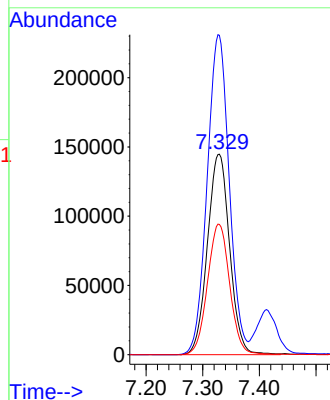
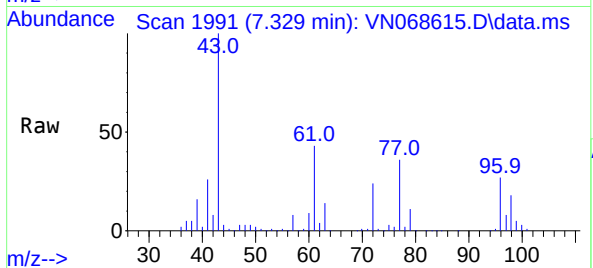




#27  
 cis-1,2-Dichloroethene  
 Concen: 42.491 ug/l  
 RT: 7.329 min Scan# 1991  
 Delta R.T. 0.000 min  
 Lab File: VN068615.D  
 Acq: 23 Sep 2021 11:46

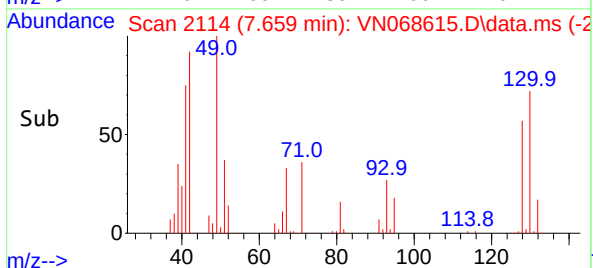
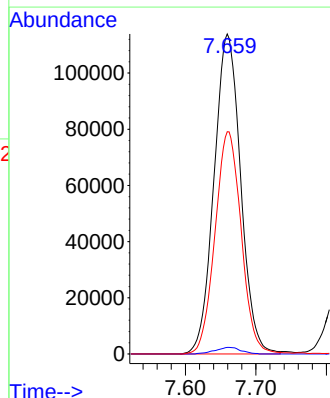
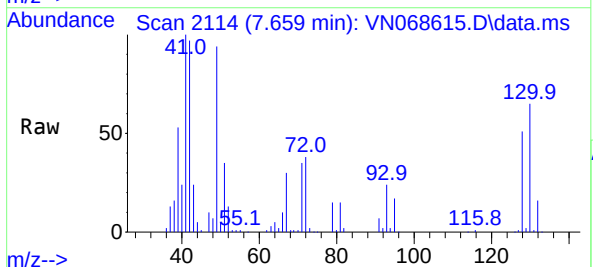
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

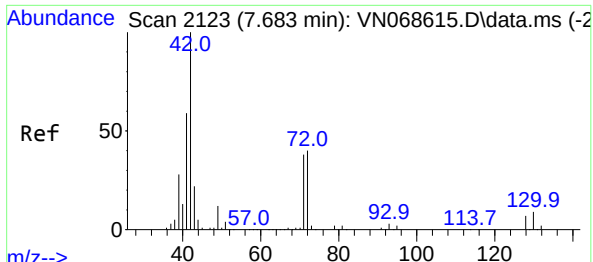
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 394755 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 158.1 | 0.0   | 338.8  |
| 98       | 65.1  | 0.0   | 129.8  |



#28  
 Bromochloromethane  
 Concen: 39.427 ug/l  
 RT: 7.659 min Scan# 2114  
 Delta R.T. 0.000 min  
 Lab File: VN068615.D  
 Acq: 23 Sep 2021 11:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 49    | Resp: | 298818 |
| Ion      | Ratio | Lower | Upper  |
| 49       | 100   |       |        |
| 129      | 2.0   | 0.0   | 3.8    |
| 130      | 68.3  | 49.7  | 74.5   |



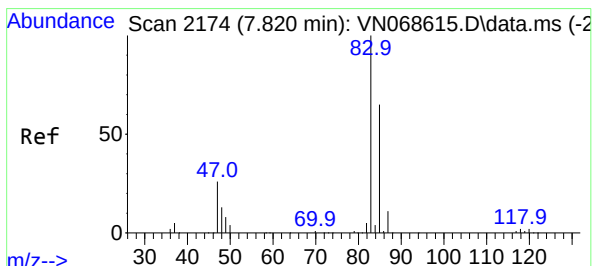
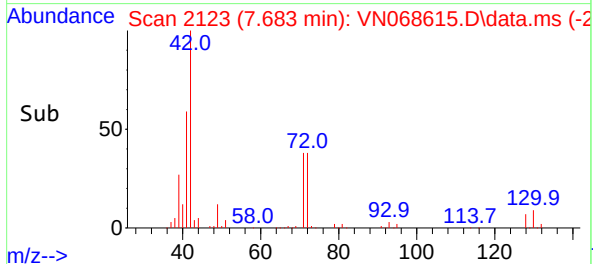
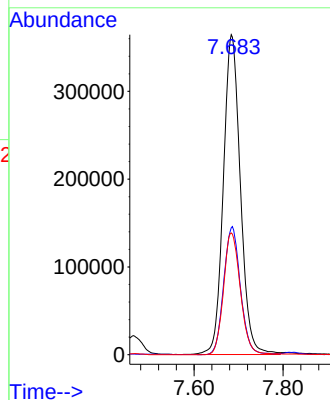
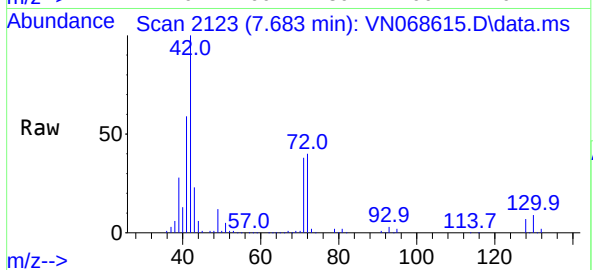


#29  
Tetrahydrofuran  
Concen: 237.246 ug/l  
RT: 7.683 min Scan# 2123  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 42 Resp: 970898

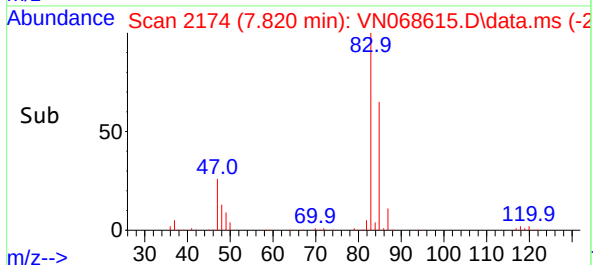
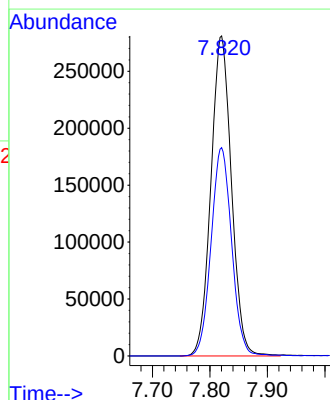
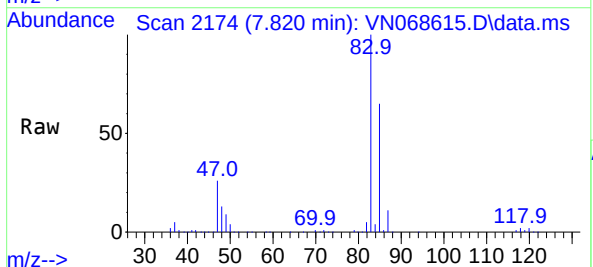
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 39.3  | 32.8  | 49.2  |
| 71  | 37.6  | 31.2  | 46.8  |

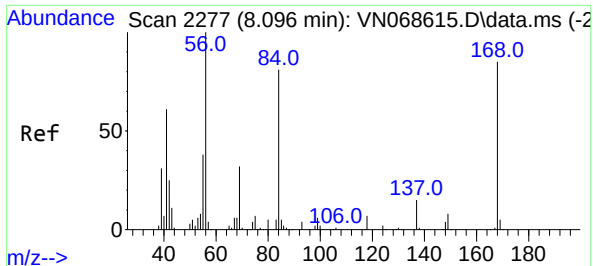


#30  
Chloroform  
Concen: 40.837 ug/l  
RT: 7.820 min Scan# 2174  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 83 Resp: 696743

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.1  | 51.5  | 77.3  |

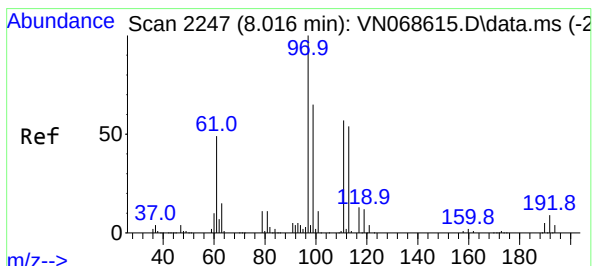
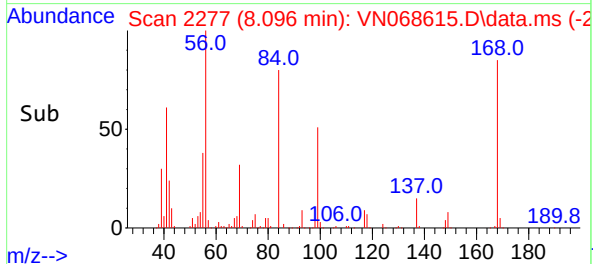
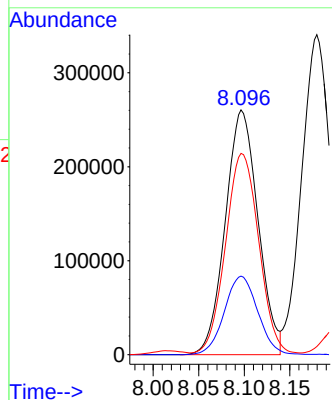
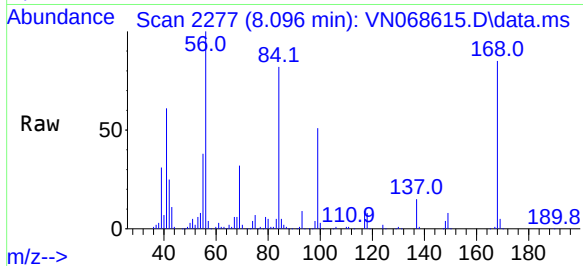




#31  
Cyclohexane  
Concen: 41.133 ug/l  
RT: 8.096 min Scan# 2277  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

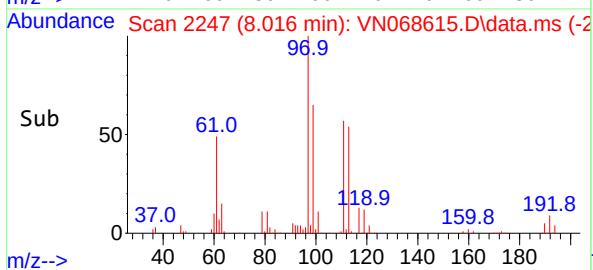
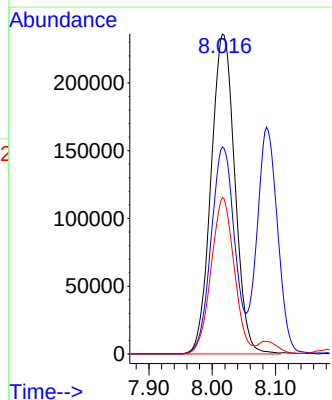
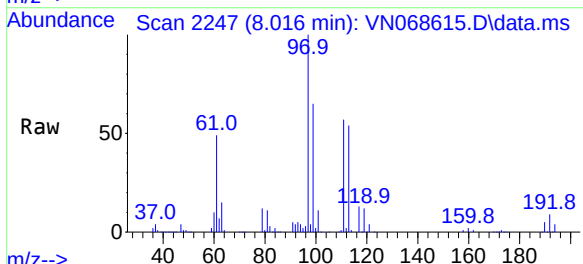
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

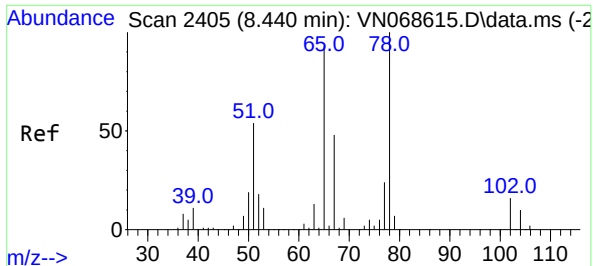
Tgt Ion: 56 Resp: 651495  
Ion Ratio Lower Upper  
56 100  
69 32.1 27.3 40.9  
84 81.0 64.9 97.3



#32  
1,1,1-Trichloroethane  
Concen: 39.761 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 97 Resp: 617055  
Ion Ratio Lower Upper  
97 100  
99 63.9 50.2 75.2  
61 47.6 38.2 57.2

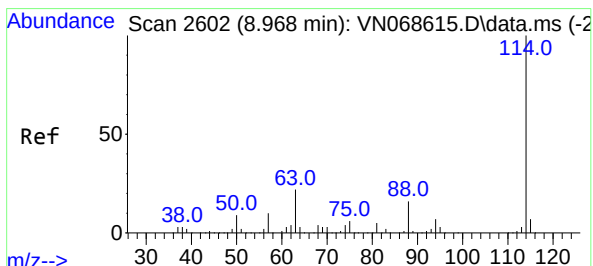
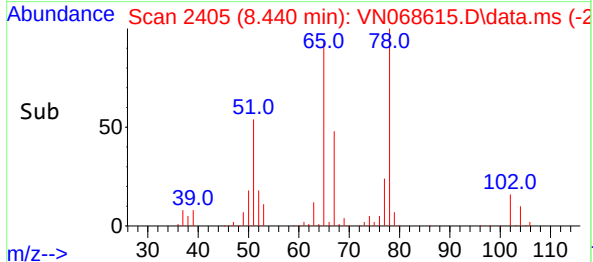
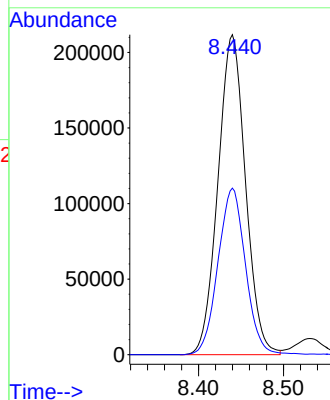
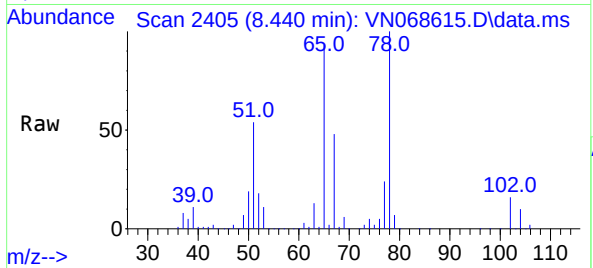




#33  
1,2-Dichloroethane-d4  
Concen: 40.973 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

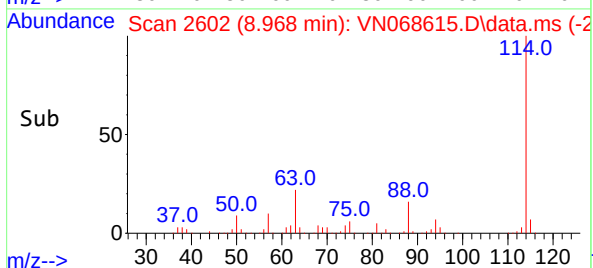
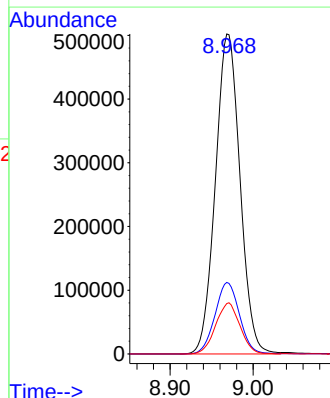
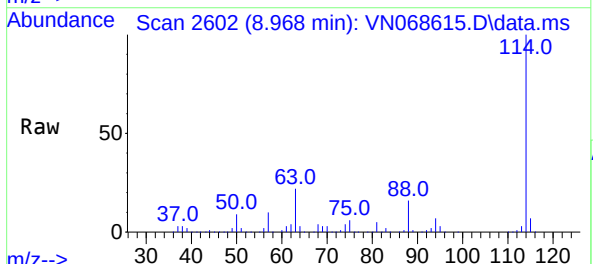
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

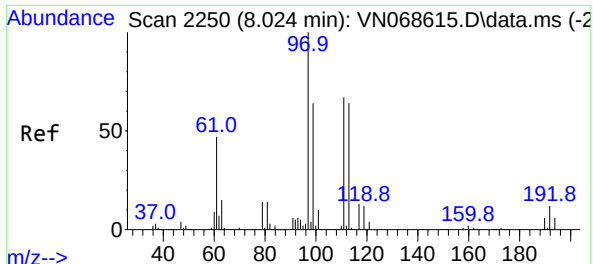
Tgt Ion: 65 Resp: 477315  
Ion Ratio Lower Upper  
65 100  
67 52.0 0.0 98.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 114 Resp: 1033750  
Ion Ratio Lower Upper  
114 100  
63 22.4 0.0 49.0  
88 15.8 0.0 36.6

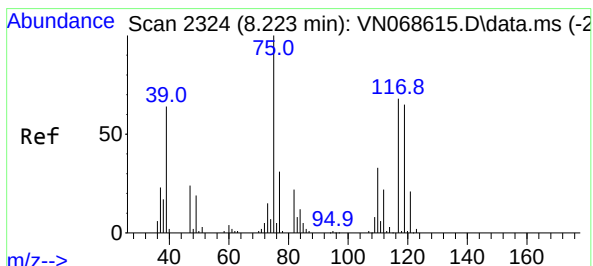
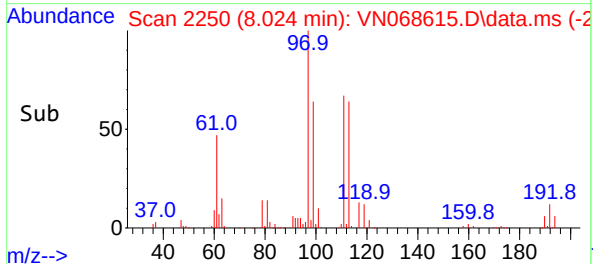
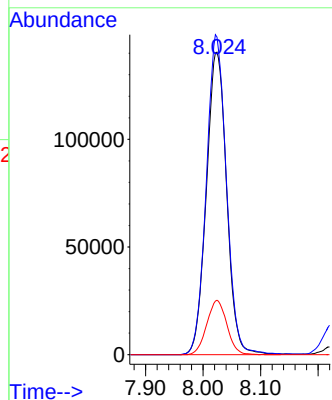
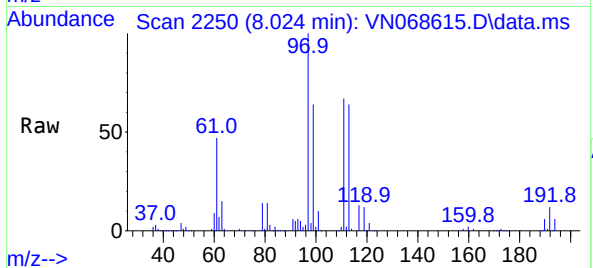




#35  
Dibromofluoromethane  
Concen: 49.776 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

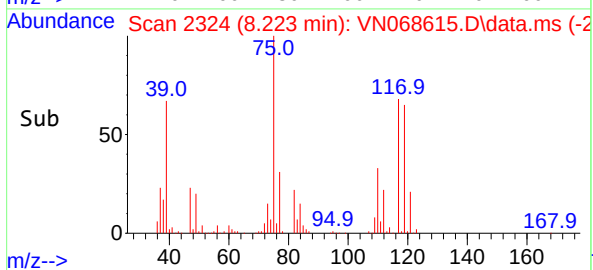
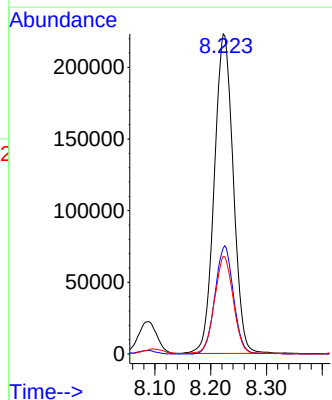
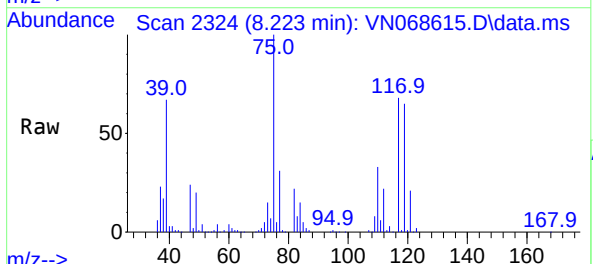
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

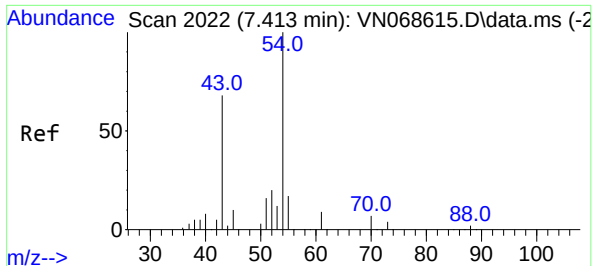
Tgt Ion:113 Resp: 344600  
Ion Ratio Lower Upper  
113 100  
111 104.5 83.8 125.8  
192 17.8 13.4 20.0



#36  
1,1-Dichloropropene  
Concen: 46.210 ug/l  
RT: 8.223 min Scan# 2324  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 75 Resp: 526158  
Ion Ratio Lower Upper  
75 100  
110 32.9 15.7 47.0  
77 30.0 24.6 37.0



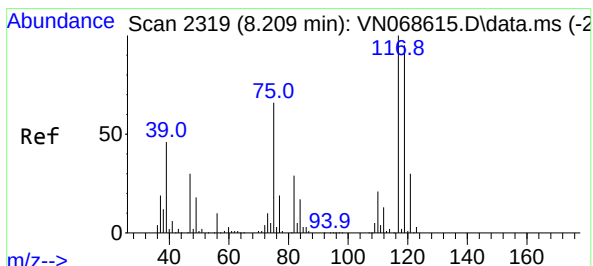
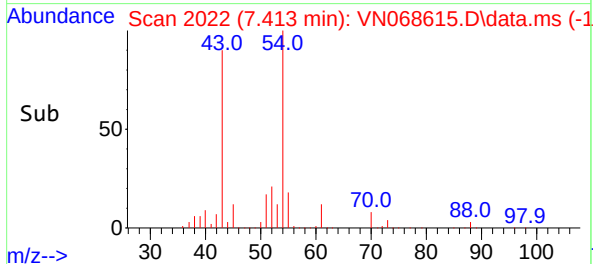
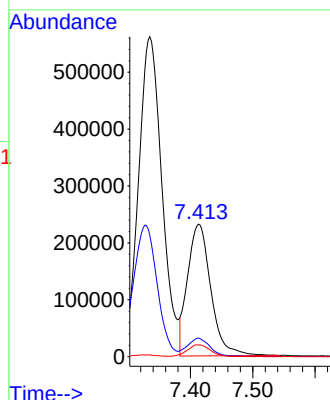
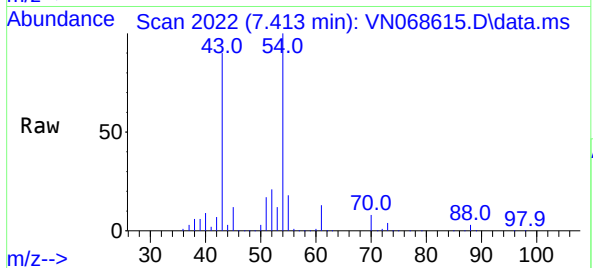


#37  
Ethyl Acetate  
Concen: 49.263 ug/l  
RT: 7.413 min Scan# 2022  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 43 Resp: 601116

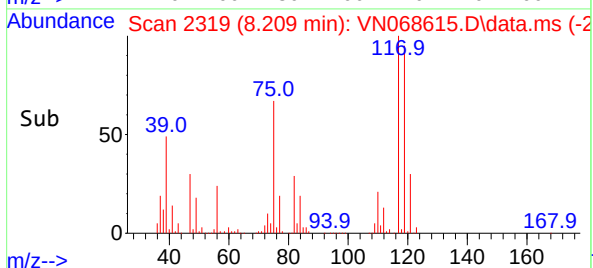
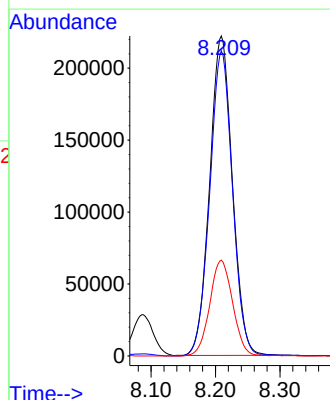
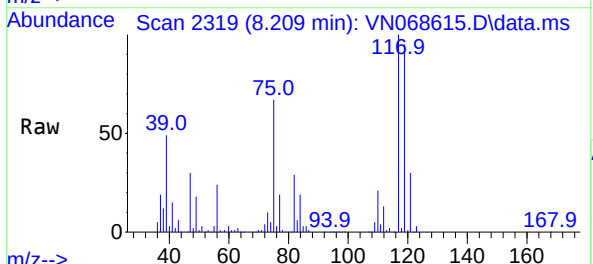
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 13.3  | 10.6  | 16.0  |
| 70  | 8.8   | 8.1   | 12.1  |

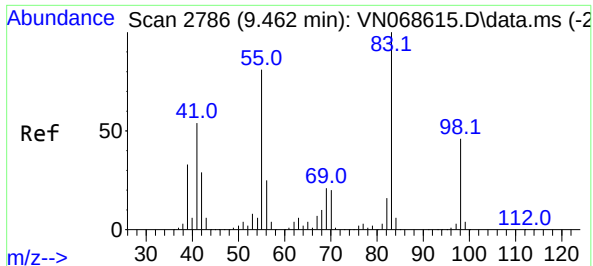


#38  
Carbon Tetrachloride  
Concen: 44.728 ug/l  
RT: 8.209 min Scan# 2319  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 117 Resp: 543514

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 95.5  | 75.4  | 113.2 |
| 121 | 30.0  | 23.5  | 35.3  |





#39

Methylcyclohexane

Concen: 51.502 ug/l

RT: 9.462 min Scan# 2786

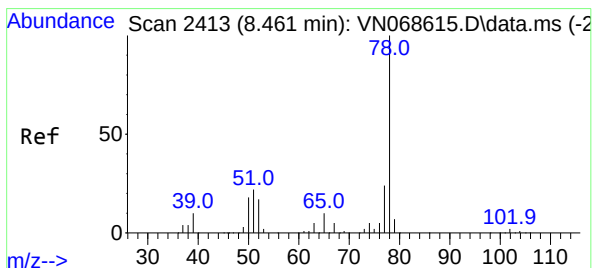
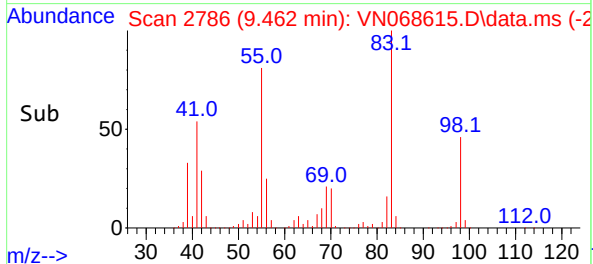
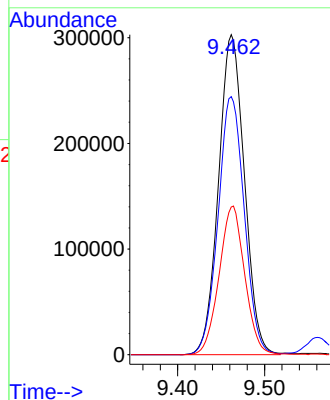
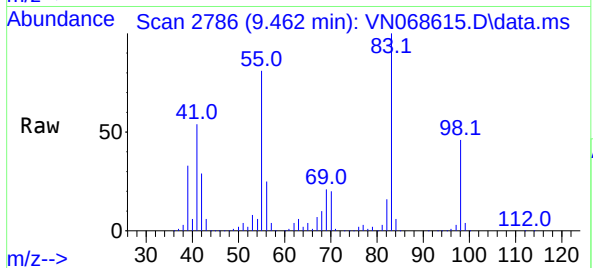
Delta R.T. 0.000 min

Lab File: VN068615.D

Acq: 23 Sep 2021 11:46

Tgt Ion: 83 Resp: 627213

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 80.7  | 66.6  | 99.8  |
| 98  | 46.2  | 35.3  | 52.9  |



#40

Benzene

Concen: 48.471 ug/l

RT: 8.461 min Scan# 2413

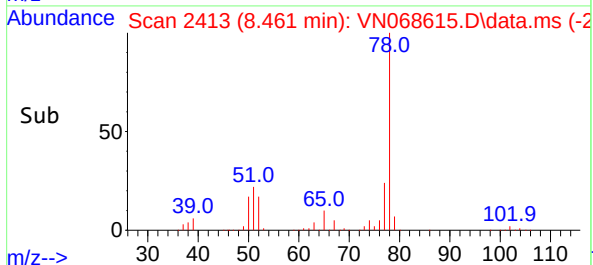
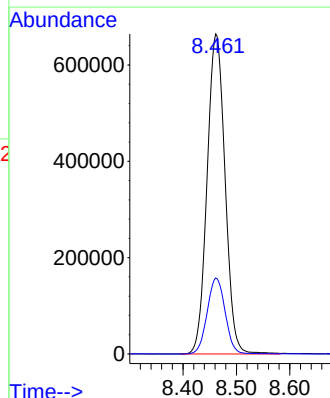
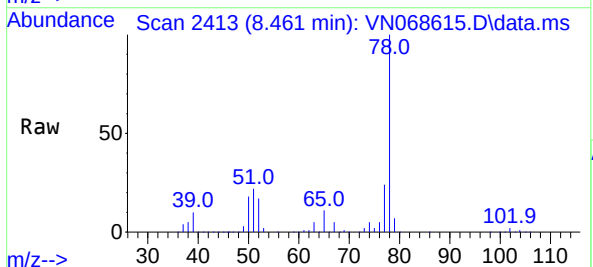
Delta R.T. 0.000 min

Lab File: VN068615.D

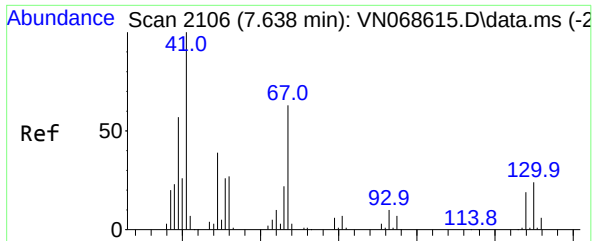
Acq: 23 Sep 2021 11:46

Tgt Ion: 78 Resp: 1549586

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.7  | 18.9  | 28.3  |



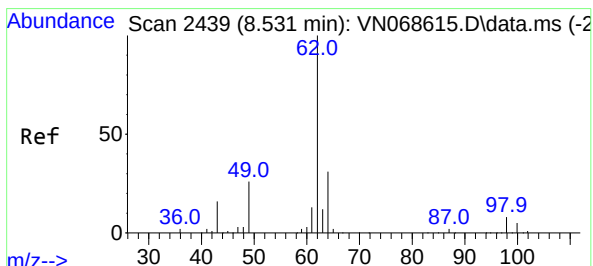
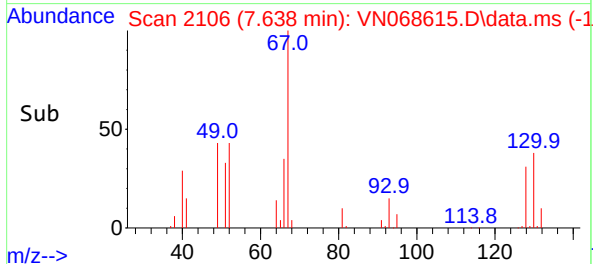
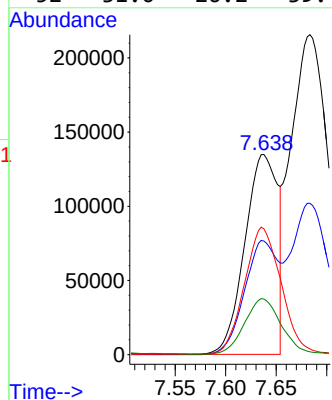
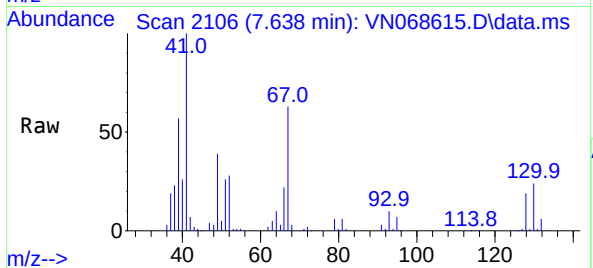




#41  
Methacrylonitrile  
Concen: 48.185 ug/l  
RT: 7.638 min Scan# 2106  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

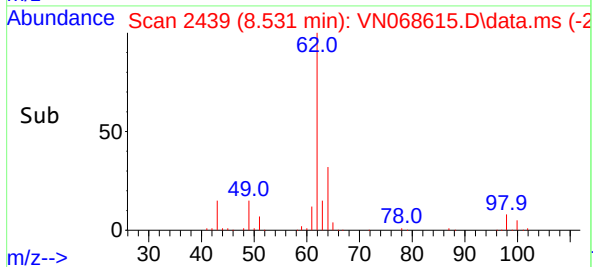
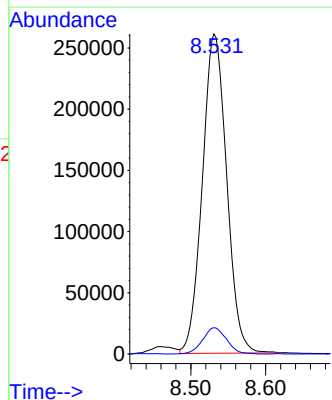
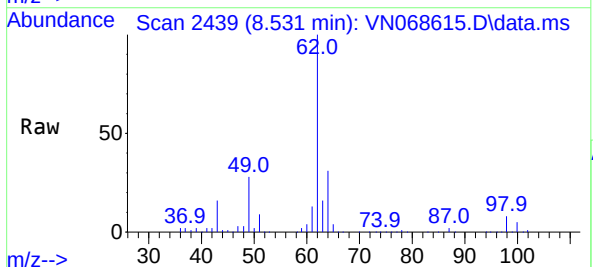
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

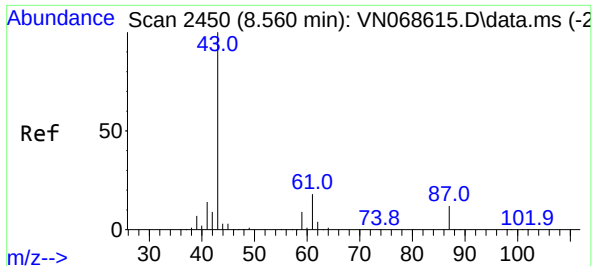
Tgt Ion: 41 Resp: 304893  
Ion Ratio Lower Upper  
41 100  
39 60.0 47.6 71.4  
67 72.4 57.7 86.5  
52 31.0 26.2 39.4



#42  
1,2-Dichloroethane  
Concen: 44.382 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 62 Resp: 589845  
Ion Ratio Lower Upper  
62 100  
98 8.1 0.0 14.2

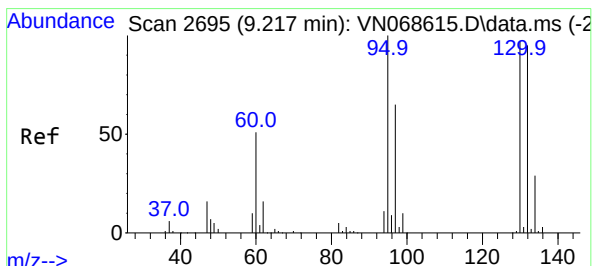
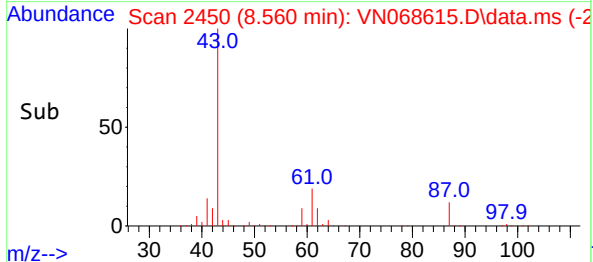
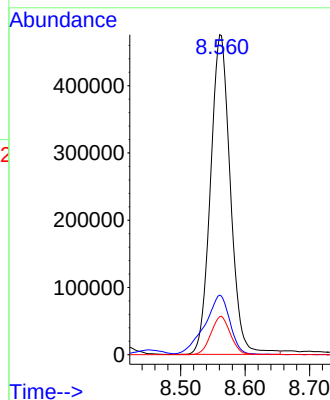
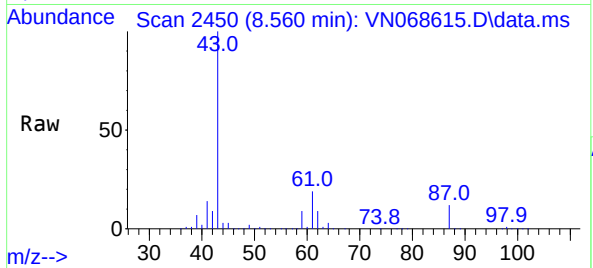




#43  
Isopropyl Acetate  
Concen: 46.880 ug/l  
RT: 8.560 min Scan# 2450  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

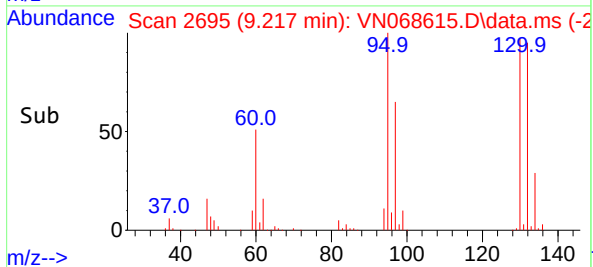
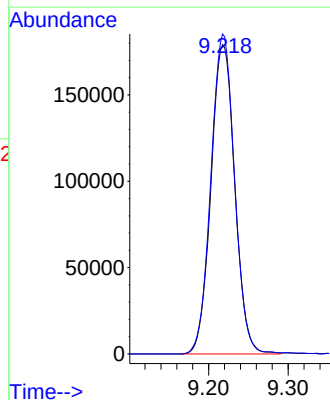
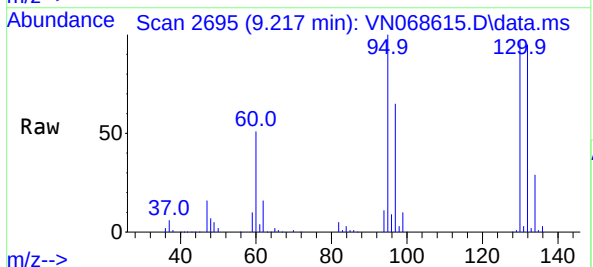
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

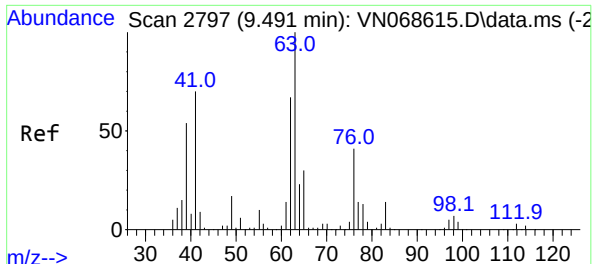
Tgt Ion: 43 Resp: 1017010  
Ion Ratio Lower Upper  
43 100  
61 23.4 19.0 28.4  
87 11.8 9.5 14.3



#44  
Trichloroethene  
Concen: 49.631 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion:130 Resp: 372522  
Ion Ratio Lower Upper  
130 100  
95 103.5 0.0 234.4



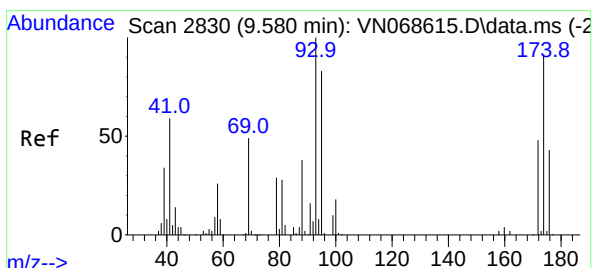
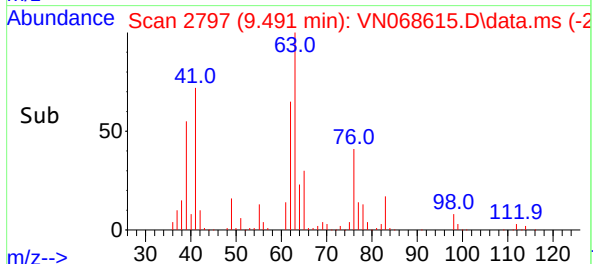
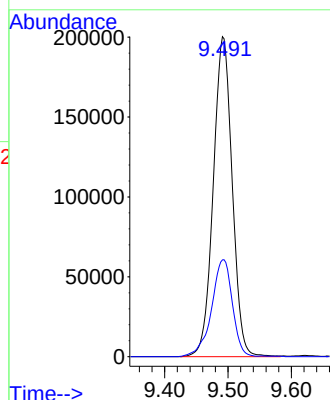
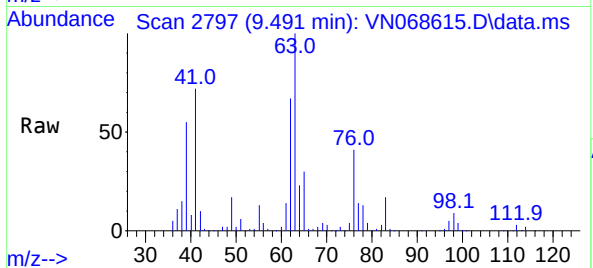


#45

1,2-Dichloropropane  
Concen: 48.744 ug/l  
RT: 9.491 min Scan# 2797  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

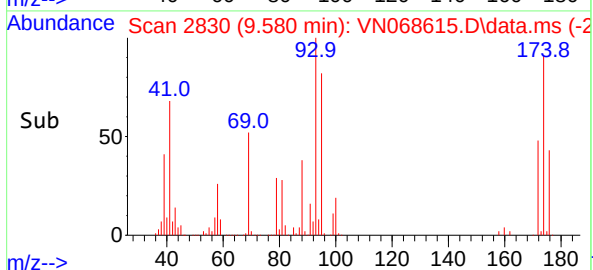
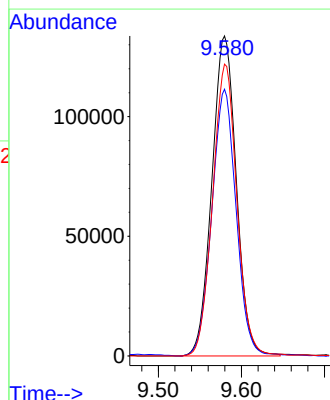
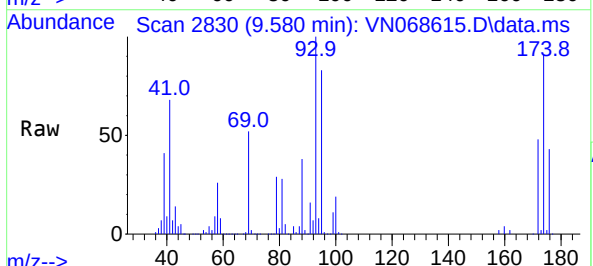
Tgt Ion: 63 Resp: 416114  
Ion Ratio Lower Upper  
63 100  
65 30.2 24.3 36.5

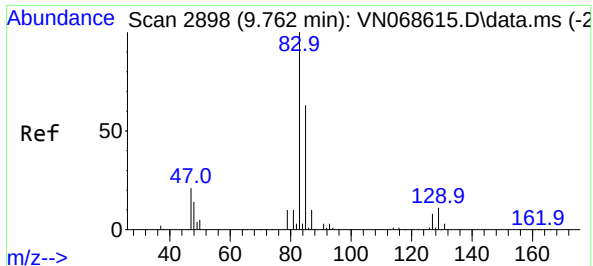


#46

Dibromomethane  
Concen: 47.348 ug/l  
RT: 9.580 min Scan# 2830  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 93 Resp: 273544  
Ion Ratio Lower Upper  
93 100  
95 83.0 66.1 99.1  
174 90.6 61.0 91.4

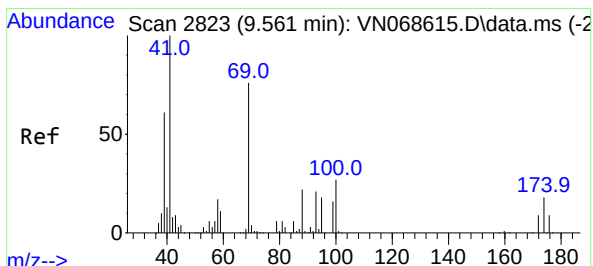
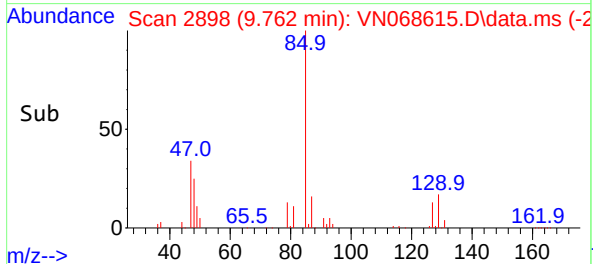
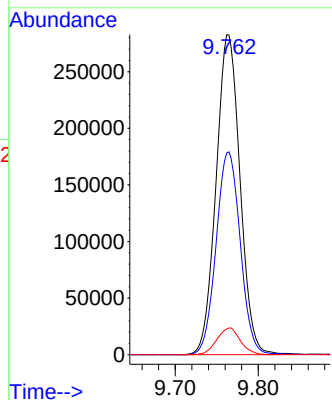
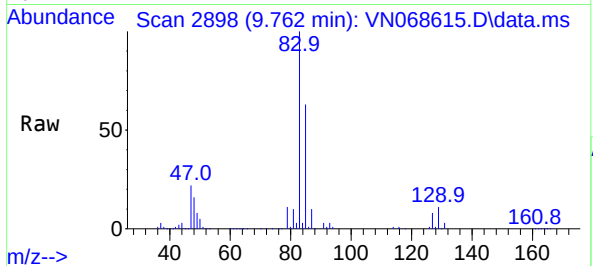




#47  
Bromodichloromethane  
Concen: 44.130 ug/l  
RT: 9.762 min Scan# 2898  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

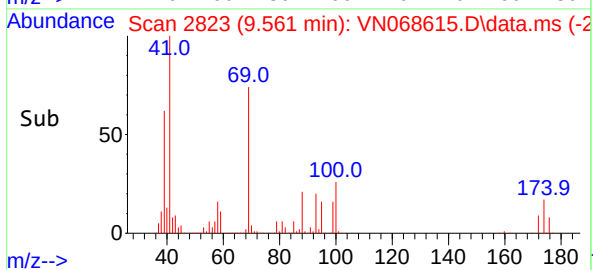
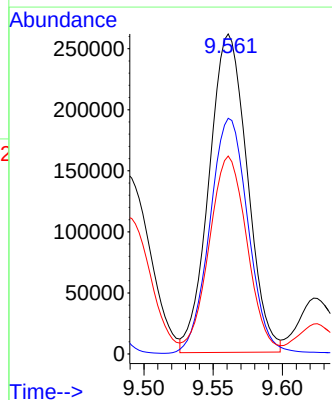
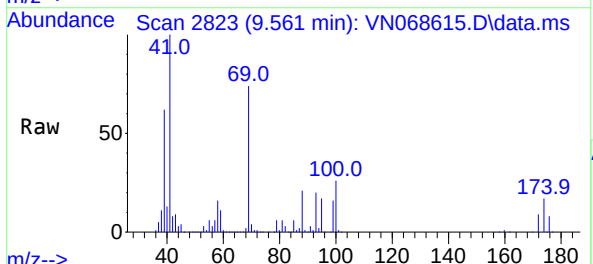
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

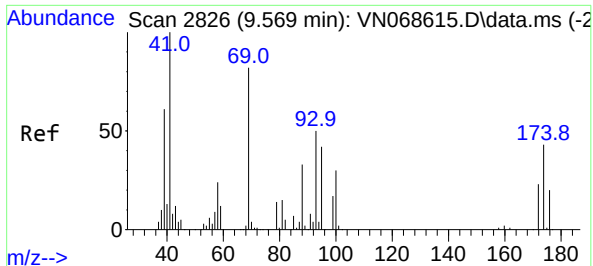
Tgt Ion: 83 Resp: 566746  
Ion Ratio Lower Upper  
83 100  
85 63.1 49.9 74.9  
127 8.1 6.1 9.1



#48  
Methyl methacrylate  
Concen: 49.816 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 41 Resp: 500826  
Ion Ratio Lower Upper  
41 100  
69 74.6 64.6 96.8  
39 61.6 53.3 79.9

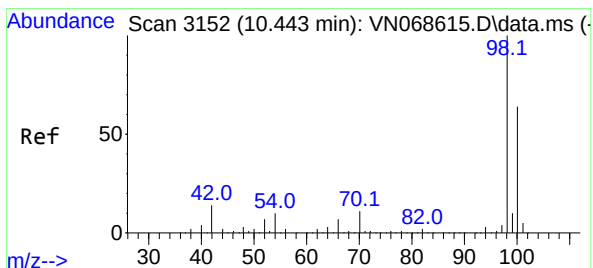
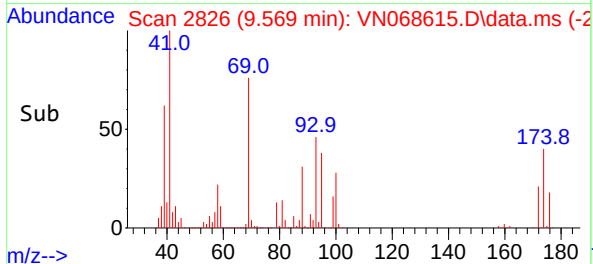
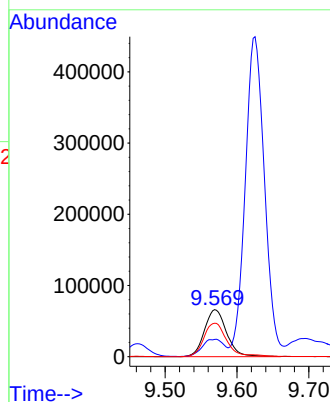
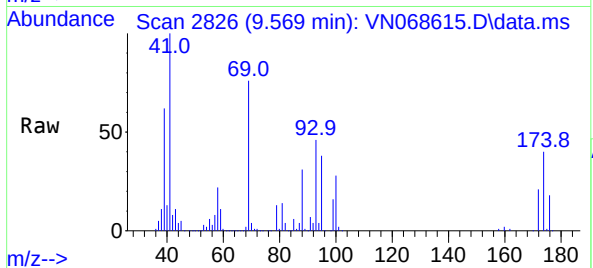




#49  
1,4-Dioxane  
Concen: 1034.700 ug/l  
RT: 9.569 min Scan# 2826  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

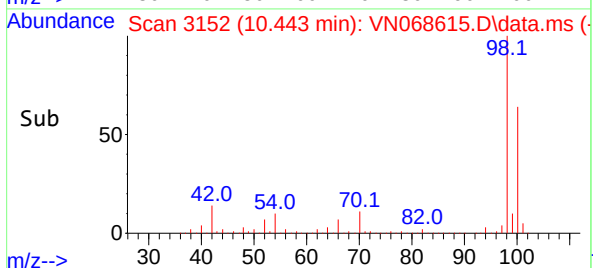
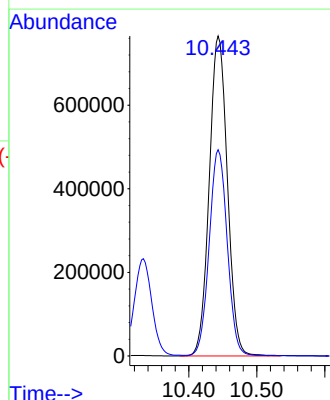
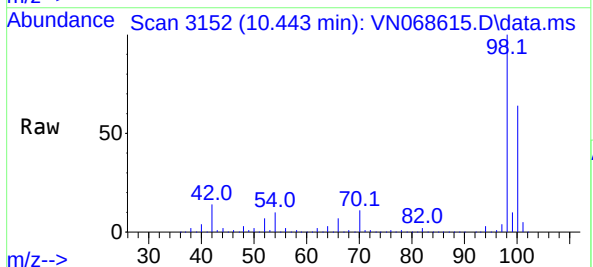
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDICCC050

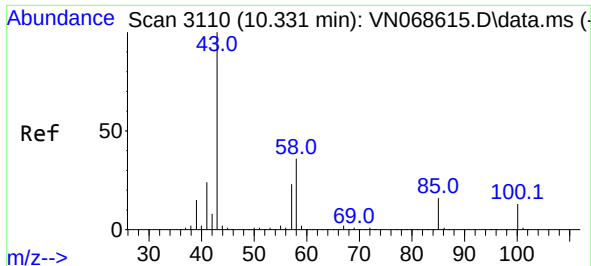
Tgt Ion: 88 Resp: 142233  
Ion Ratio Lower Upper  
88 100  
43 36.0 28.8 43.2  
58 74.6 60.4 90.6



#50  
Toluene-d8  
Concen: 52.781 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 98 Resp: 1418804  
Ion Ratio Lower Upper  
98 100  
100 64.0 51.7 77.5

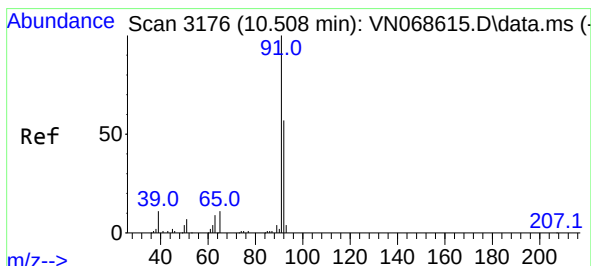
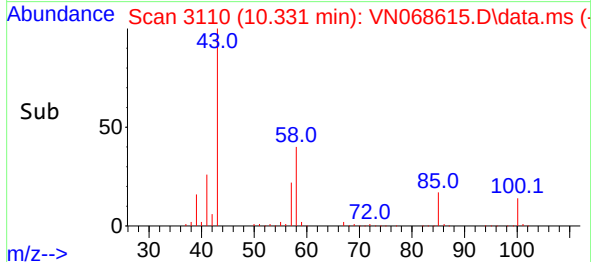
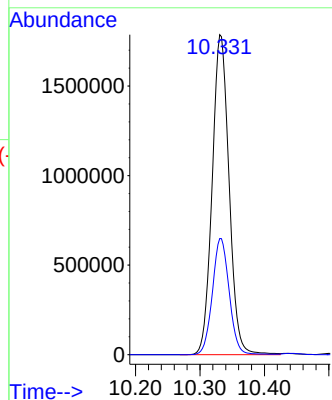
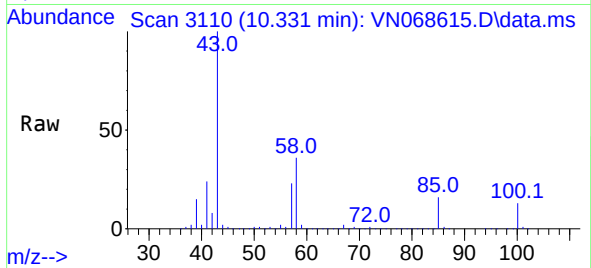




#51  
4-Methyl-2-Pentanone  
Concen: 256.547 ug/l  
RT: 10.331 min Scan# 3110  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

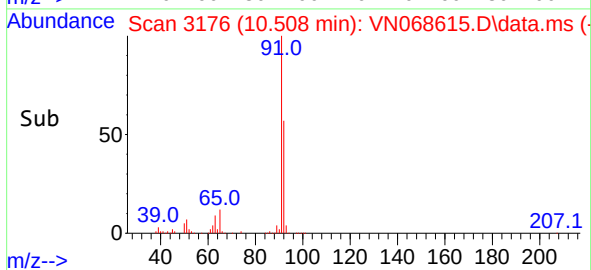
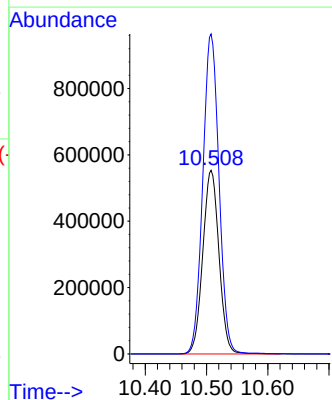
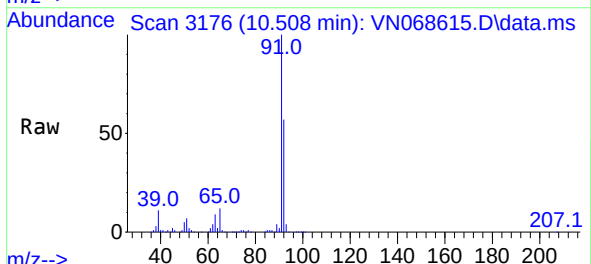
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ClientSampleId :  
VSTDICCC050

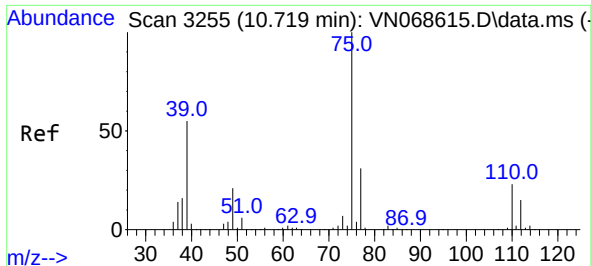
Tgt Ion: 43 Resp: 3254133  
Ion Ratio Lower Upper  
43 100  
58 36.2 28.6 43.0



#52  
Toluene  
Concen: 50.046 ug/l  
RT: 10.508 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 92 Resp: 1013290  
Ion Ratio Lower Upper  
92 100  
91 175.2 139.6 209.4

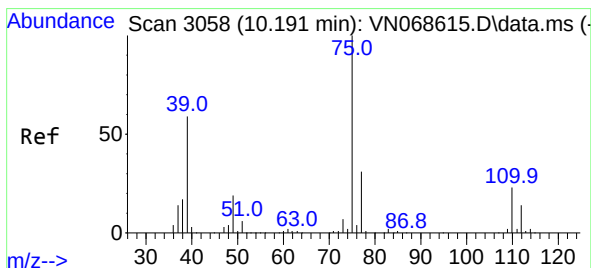
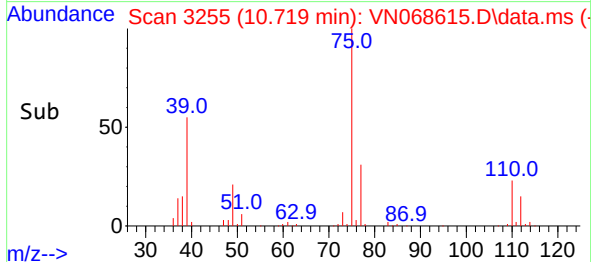
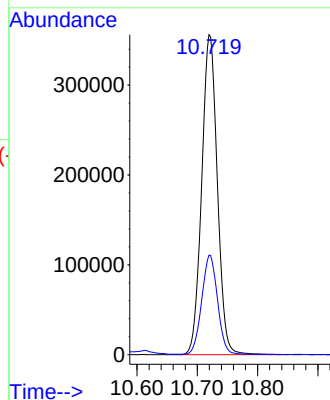
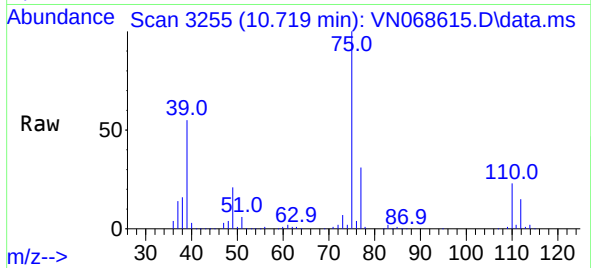




#53  
t-1,3-Dichloropropene  
Concen: 45.149 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

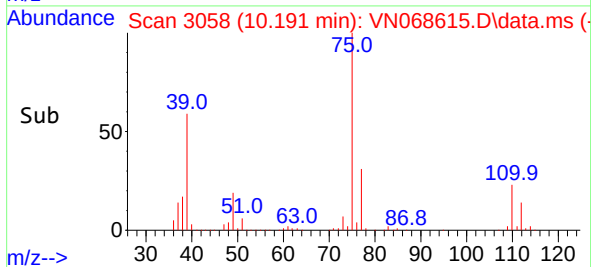
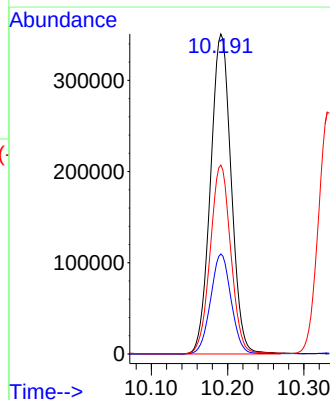
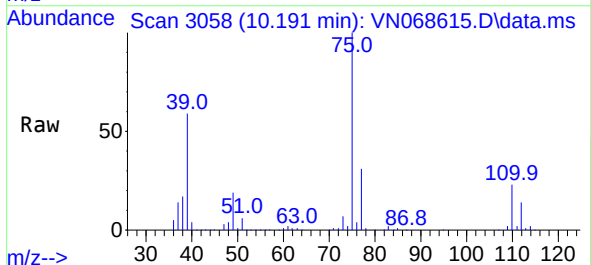
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ClientSampleId :  
VSTDICCC050

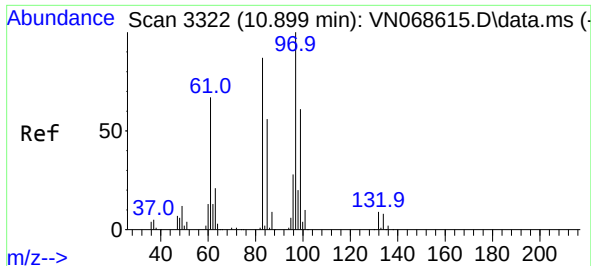
Tgt Ion: 75 Resp: 641798  
Ion Ratio Lower Upper  
75 100  
77 31.0 25.1 37.7



#54  
cis-1,3-Dichloropropene  
Concen: 45.869 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 75 Resp: 661524  
Ion Ratio Lower Upper  
75 100  
77 31.3 24.6 37.0  
39 59.0 50.7 76.1



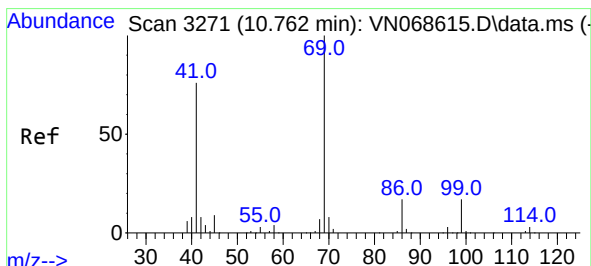
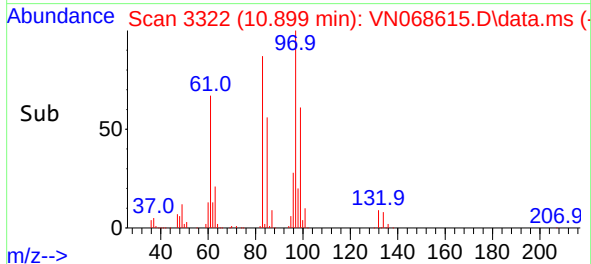
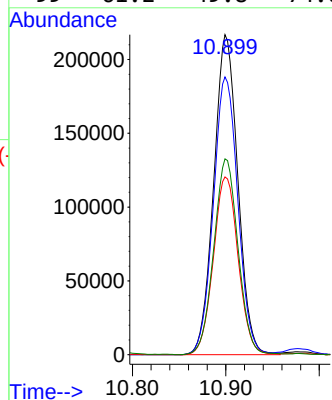
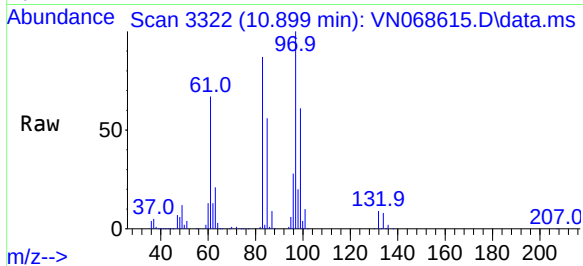


#55  
1,1,2-Trichloroethane  
Concen: 49.572 ug/l  
RT: 10.899 min Scan# 3322  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 97 Resp: 388739

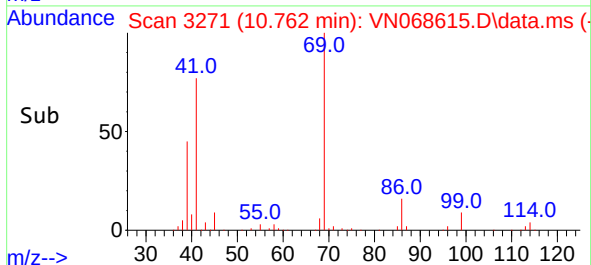
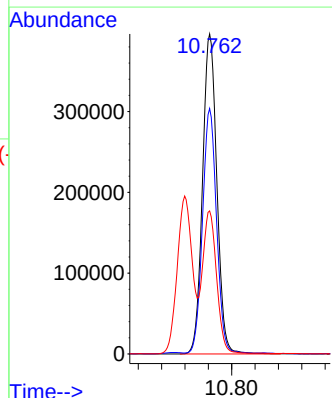
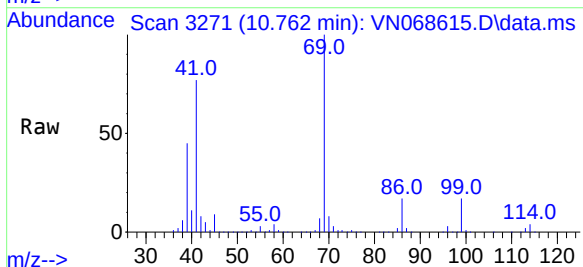
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.8  | 72.0  | 108.0 |
| 85  | 55.5  | 46.8  | 70.2  |
| 99  | 61.2  | 49.8  | 74.6  |



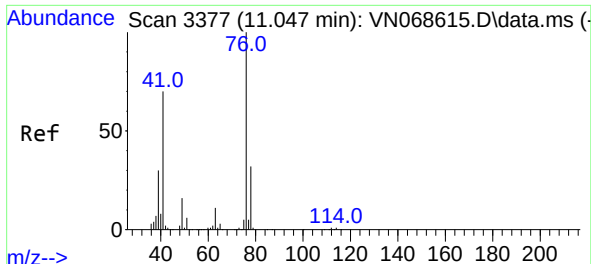
#56  
Ethyl methacrylate  
Concen: 48.175 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 69 Resp: 673168

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 74.7  | 58.6  | 88.0  |
| 39  | 42.7  | 38.3  | 57.5  |

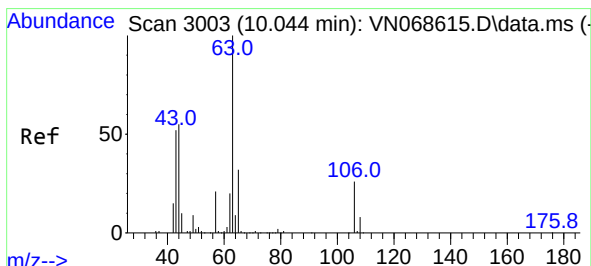
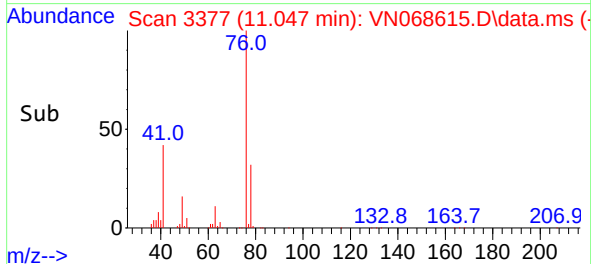
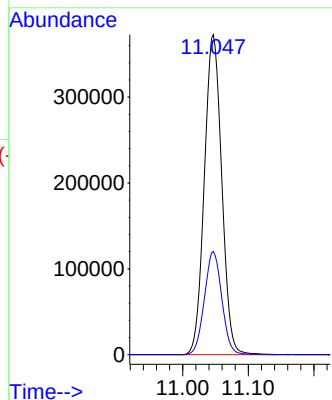
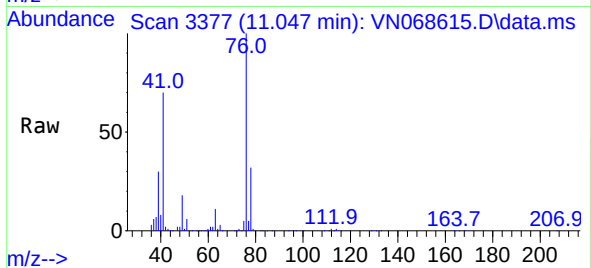






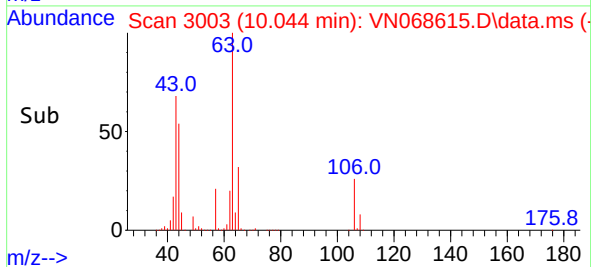
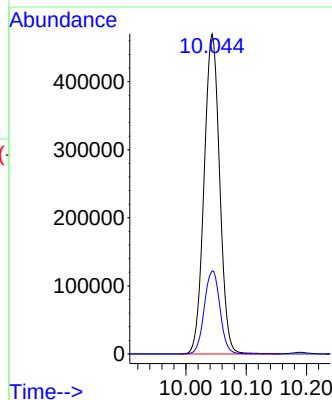
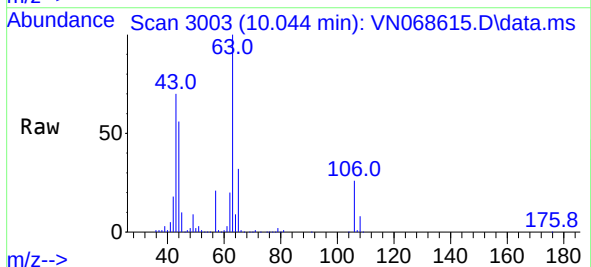
#57  
1,3-Dichloropropane  
Concen: 48.201 ug/l  
RT: 11.047 min Scan# 3377  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 76 Resp: 685997  
Ion Ratio Lower Upper  
76 100  
78 32.3 25.7 38.5

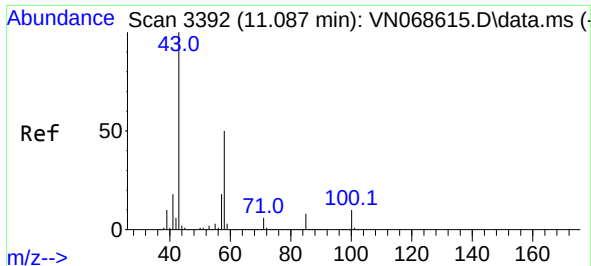


#58  
2-Chloroethyl Vinyl ether  
Concen: 210.729 ug/l  
RT: 10.044 min Scan# 3003  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 63 Resp: 843817  
Ion Ratio Lower Upper  
63 100  
106 26.2 19.8 29.8



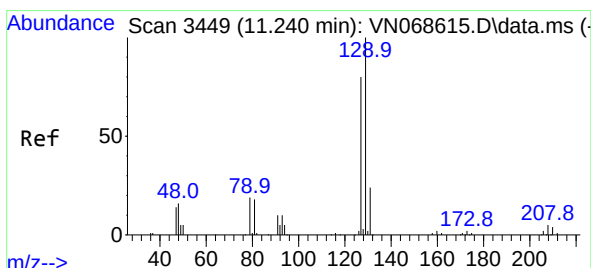
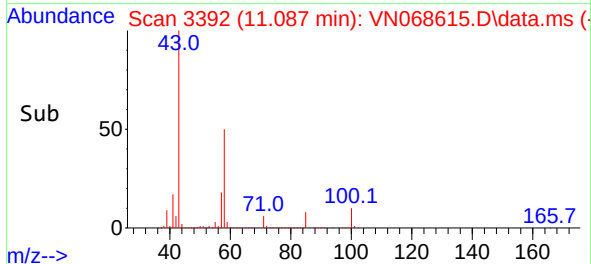
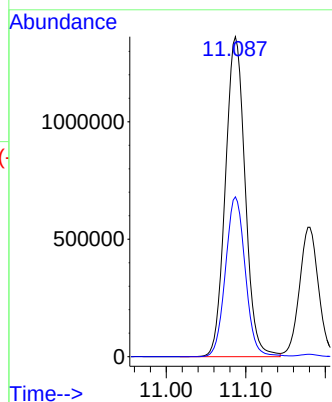
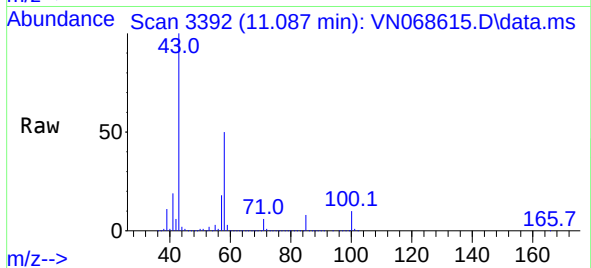
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



#59  
2-Hexanone  
Concen: 253.044 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

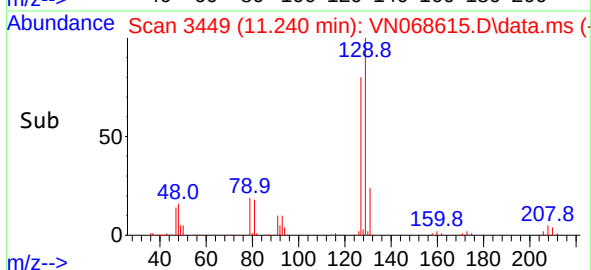
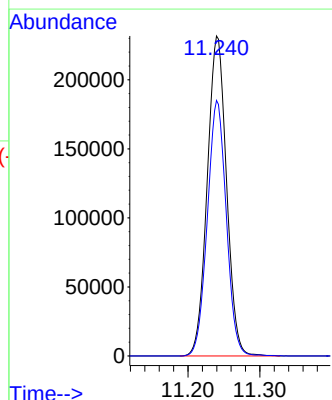
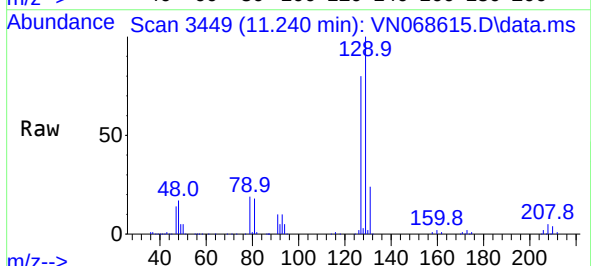
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

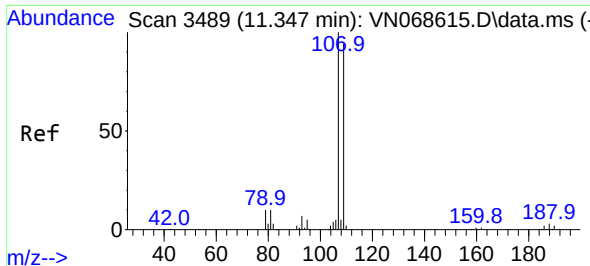
Tgt Ion: 43 Resp: 2346898  
Ion Ratio Lower Upper  
43 100  
58 50.1 24.7 74.1



#60  
Dibromochloromethane  
Concen: 50.422 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion:129 Resp: 431461  
Ion Ratio Lower Upper  
129 100  
127 78.5 38.6 115.8

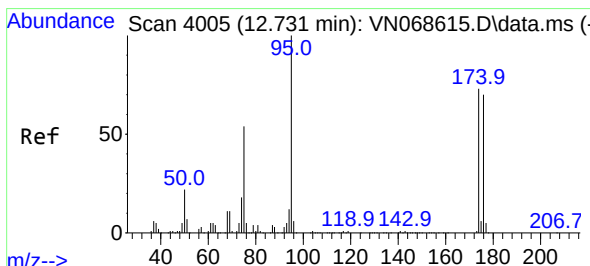
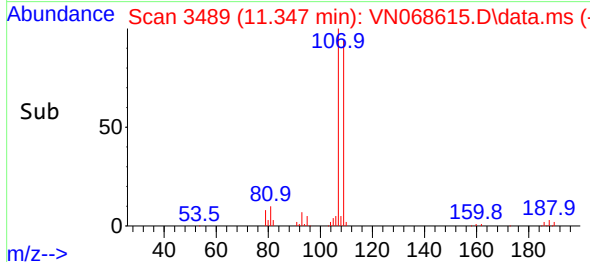
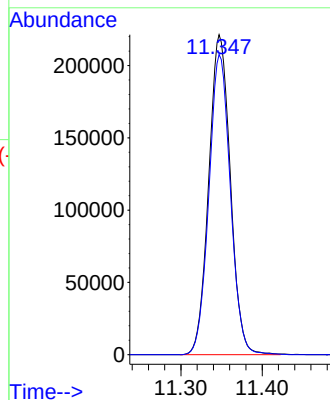
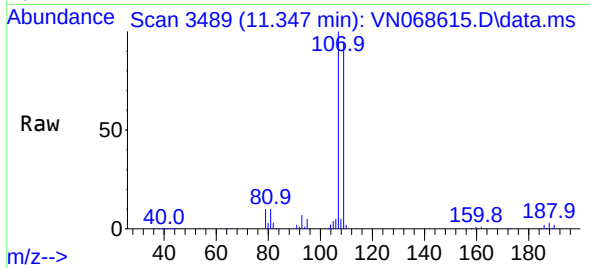




#61  
1,2-Dibromoethane  
Concen: 49.623 ug/l  
RT: 11.347 min Scan# 3489  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

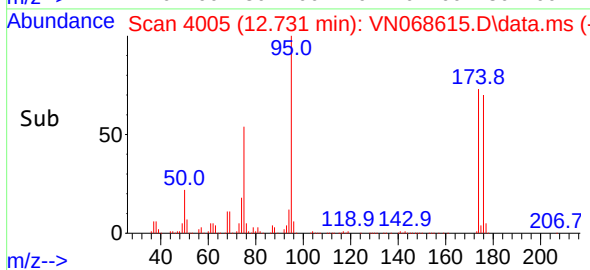
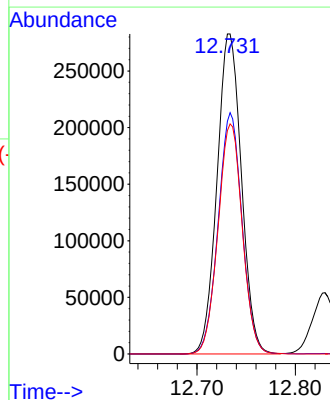
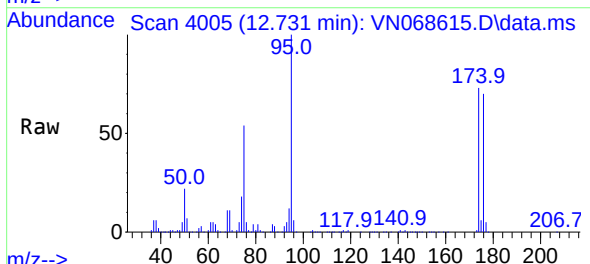
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

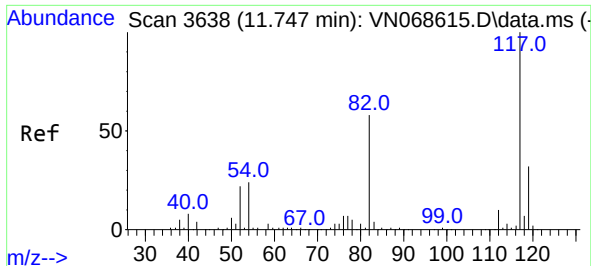
Tgt Ion:107 Resp: 407459  
Ion Ratio Lower Upper  
107 100  
109 93.6 75.0 112.4



#62  
4-Bromofluorobenzene  
Concen: 45.515 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 95 Resp: 487744  
Ion Ratio Lower Upper  
95 100  
174 73.8 0.0 122.0  
176 71.5 0.0 117.6

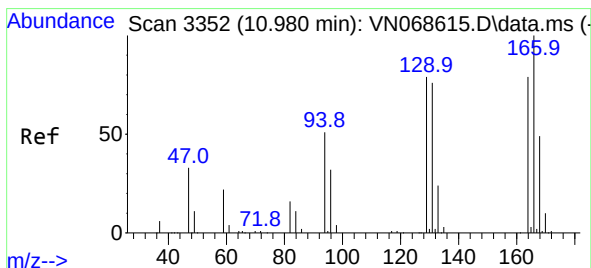
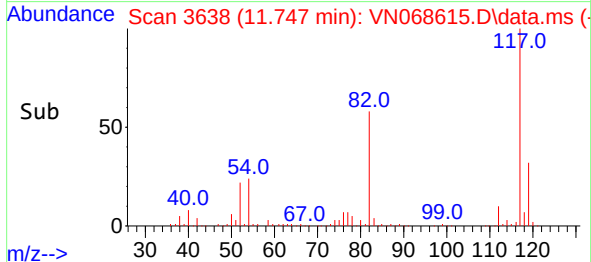
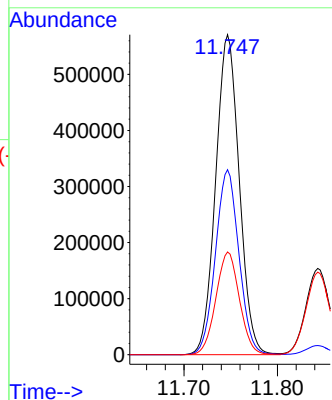
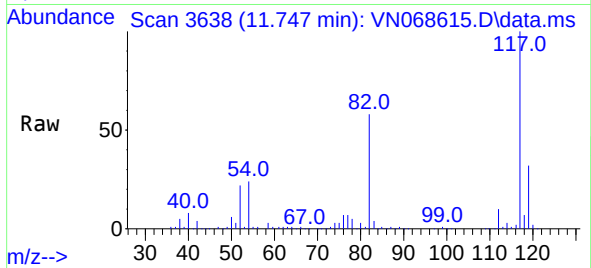




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

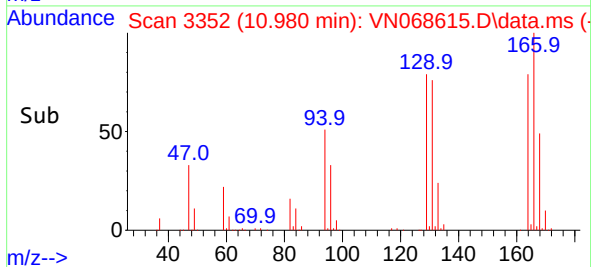
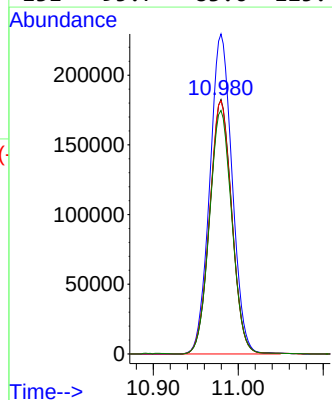
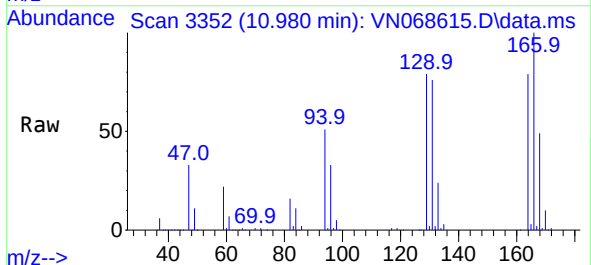
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

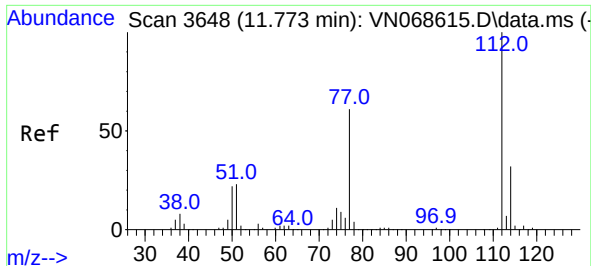
Tgt Ion:117 Resp: 1000707  
Ion Ratio Lower Upper  
117 100  
82 57.8 53.1 79.7  
119 32.1 25.5 38.3



#64  
Tetrachloroethene  
Concen: 47.187 ug/l  
RT: 10.980 min Scan# 3352  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion:164 Resp: 329491  
Ion Ratio Lower Upper  
164 100  
166 125.8 102.1 153.1  
129 99.5 86.9 130.3  
131 95.7 83.6 125.4

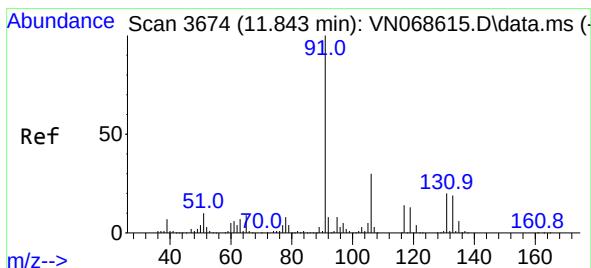
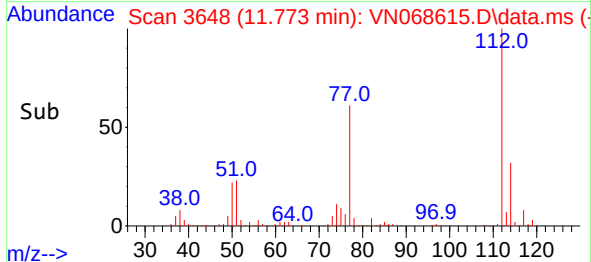
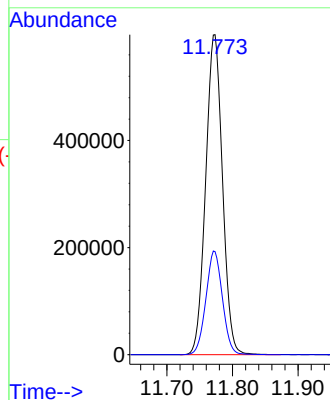
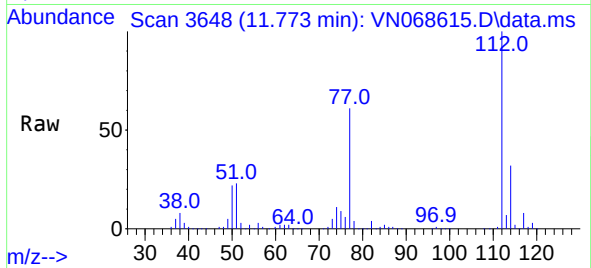




#65  
Chlorobenzene  
Concen: 49.258 ug/l  
RT: 11.773 min Scan# 3648  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

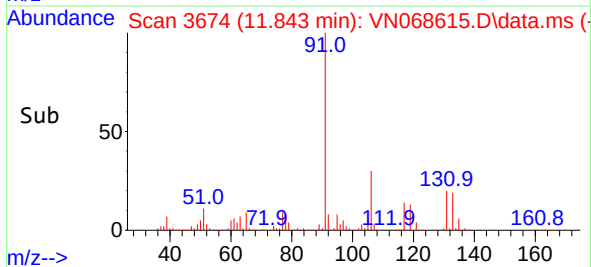
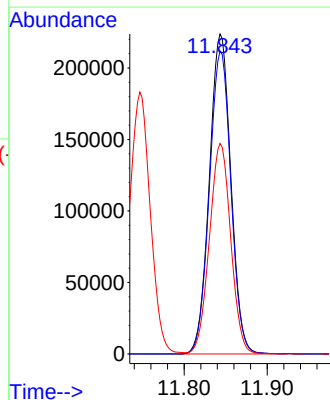
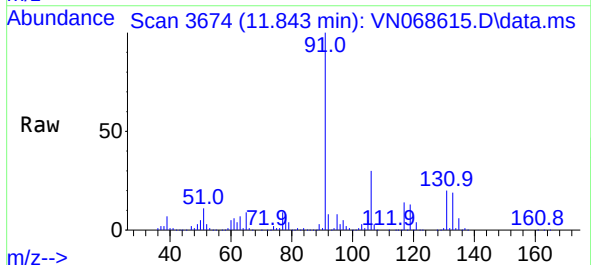
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

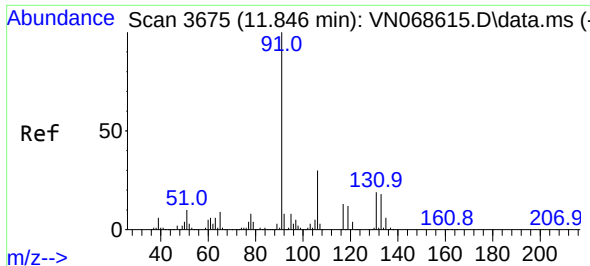
Tgt Ion:112 Resp: 1063011  
Ion Ratio Lower Upper  
112 100  
114 32.2 24.6 37.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.932 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion:131 Resp: 401720  
Ion Ratio Lower Upper  
131 100  
133 94.8 47.5 142.5  
119 65.4 33.1 99.3

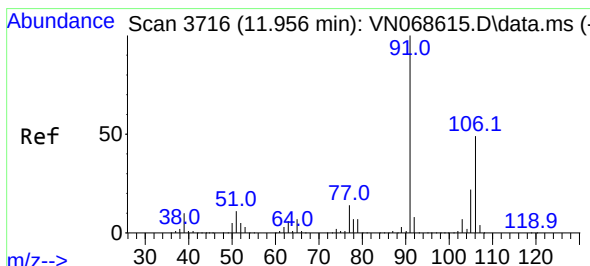
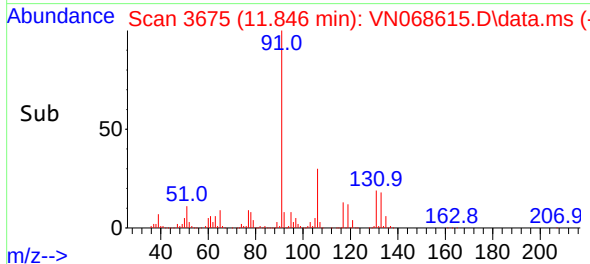
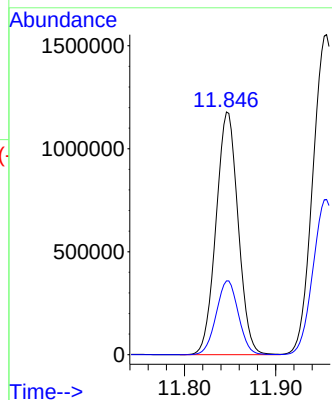
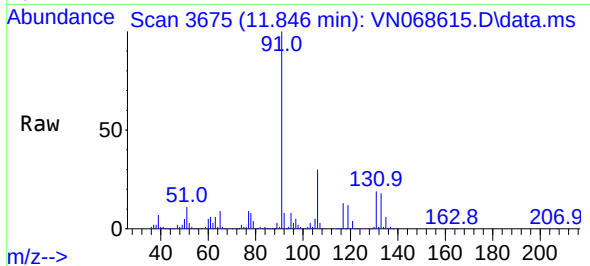




#67  
Ethyl Benzene  
Concen: 46.909 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

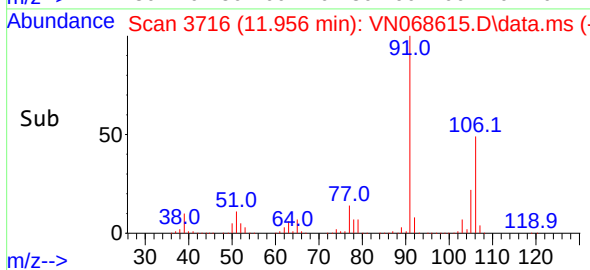
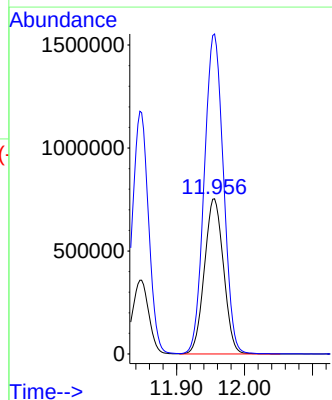
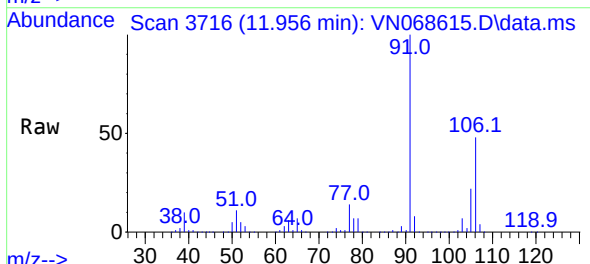
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

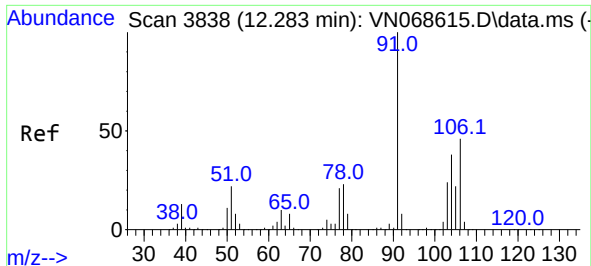
Tgt Ion: 91 Resp: 1982459  
Ion Ratio Lower Upper  
91 100  
106 30.4 23.4 35.0



#68  
m/p-Xylenes  
Concen: 96.932 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion:106 Resp: 1467820  
Ion Ratio Lower Upper  
106 100  
91 207.2 180.6 270.8

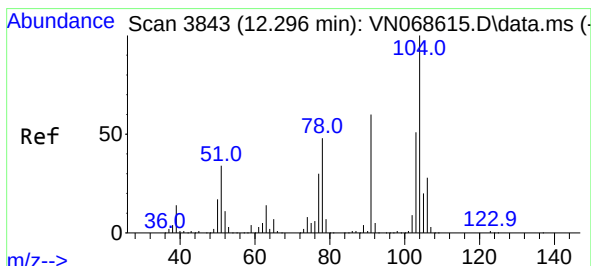
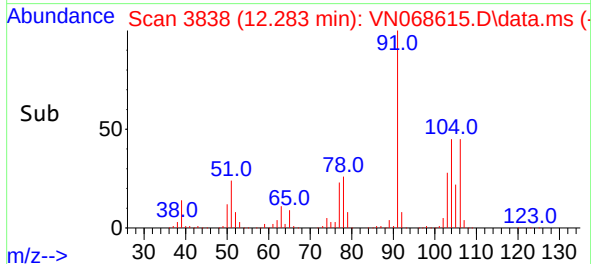
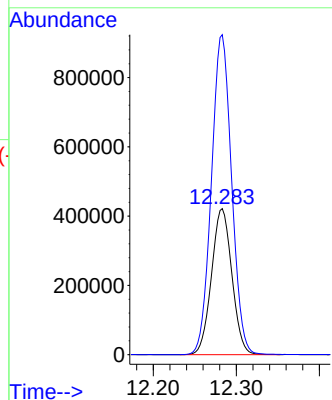
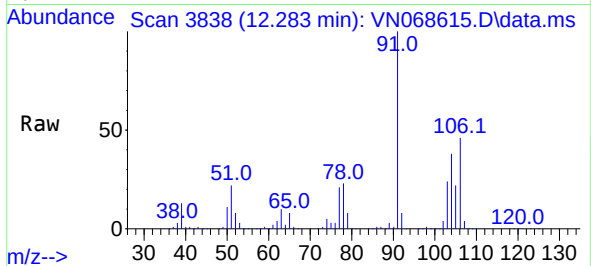




#69  
o-Xylene  
Concen: 48.537 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

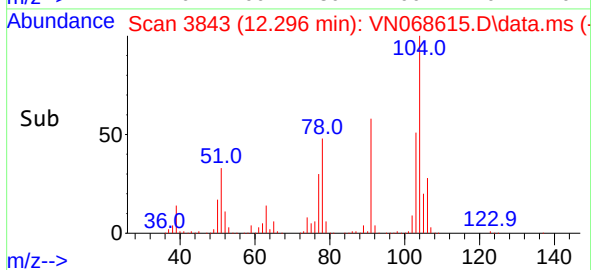
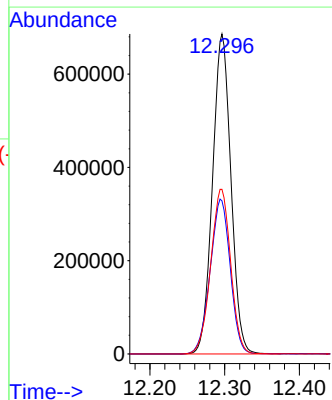
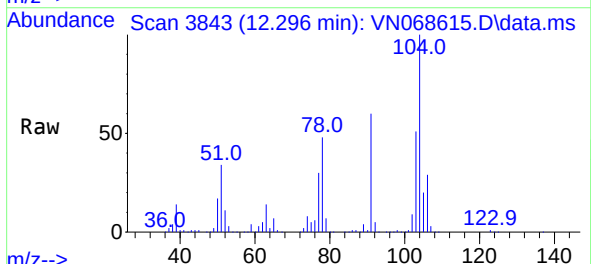
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

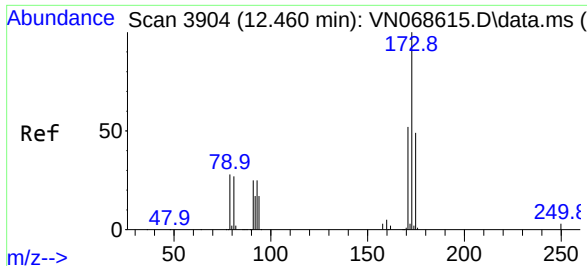
Tgt Ion:106 Resp: 718100  
Ion Ratio Lower Upper  
106 100  
91 217.6 118.3 354.9



#70  
Styrene  
Concen: 48.111 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion:104 Resp: 1174798  
Ion Ratio Lower Upper  
104 100  
78 52.7 48.2 72.2  
103 55.7 44.5 66.7

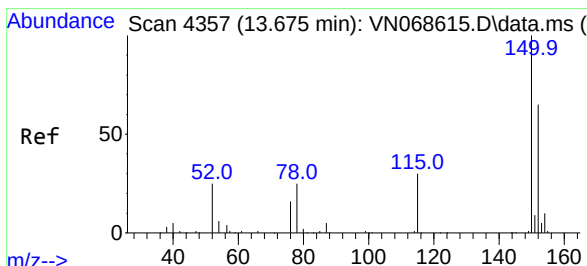
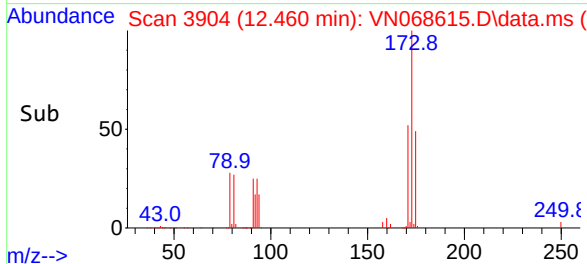
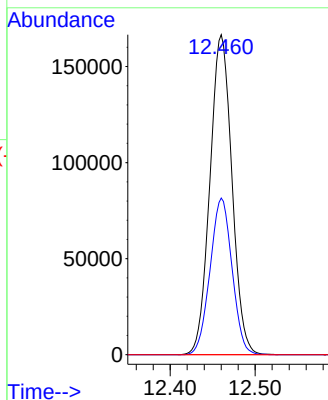
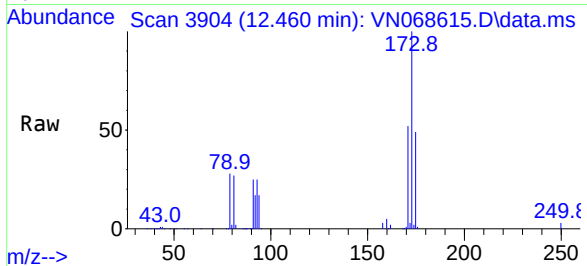




#71  
Bromoform  
Concen: 48.912 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

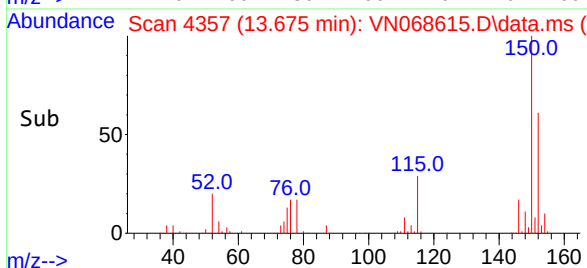
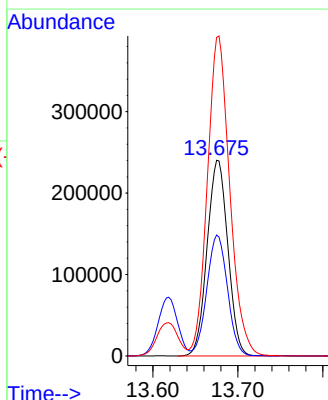
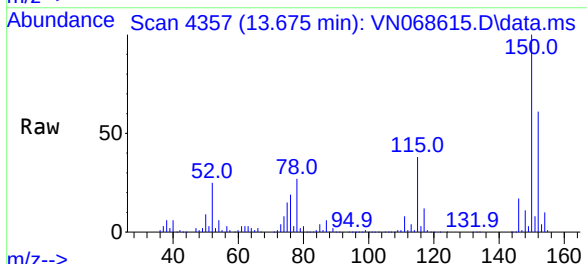
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tgt Ion:173 Resp: 299558  
Ion Ratio Lower Upper  
173 100  
175 48.9 23.9 71.8  
254 0.0 0.0 0.0

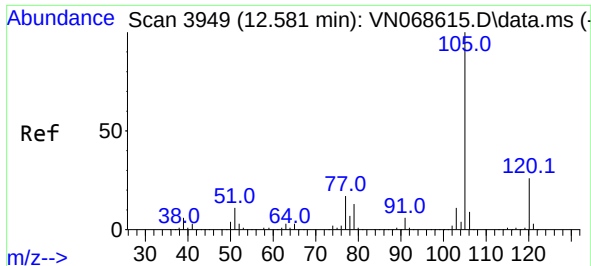


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion:152 Resp: 408164  
Ion Ratio Lower Upper  
152 100  
115 61.7 36.1 108.5  
150 176.4 0.0 351.8



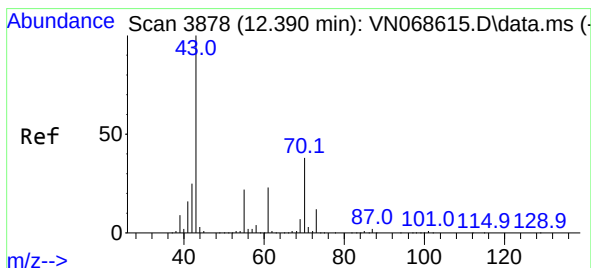
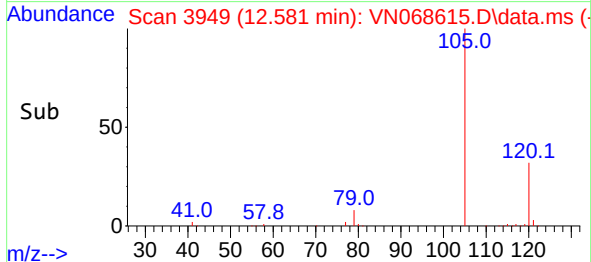
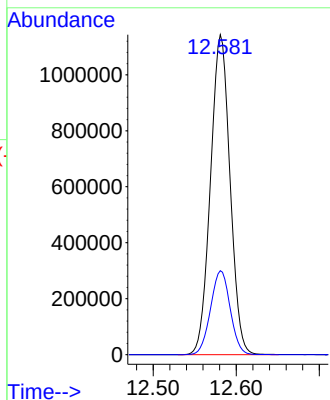
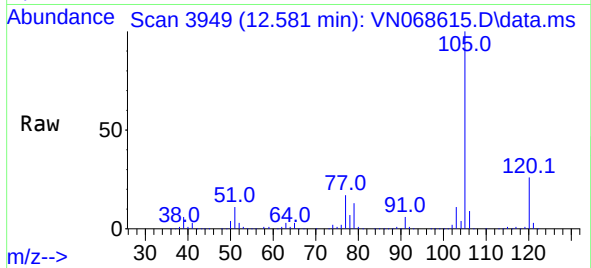




#73  
Isopropylbenzene  
Concen: 48.080 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

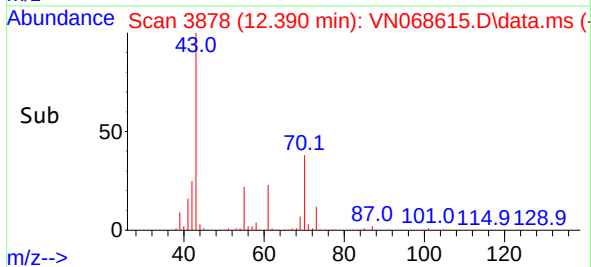
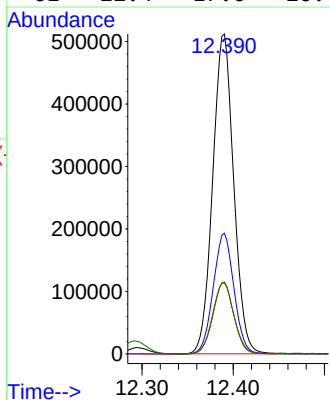
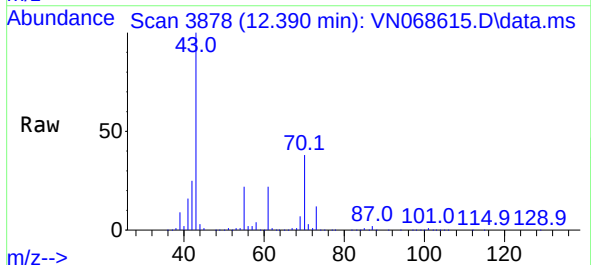
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

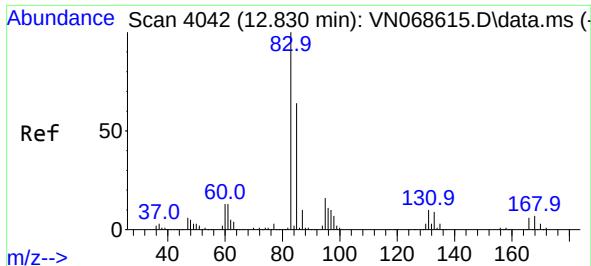
Tgt Ion:105 Resp: 1867658  
Ion Ratio Lower Upper  
105 100  
120 26.4 12.5 37.5



#74  
N-ethyl acetate  
Concen: 43.944 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 43 Resp: 817245  
Ion Ratio Lower Upper  
43 100  
70 37.4 29.4 44.2  
55 22.7 17.0 25.4  
61 22.4 17.6 26.4

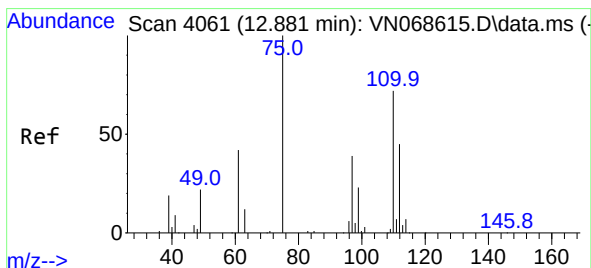
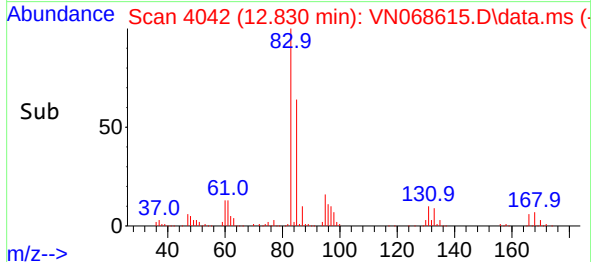
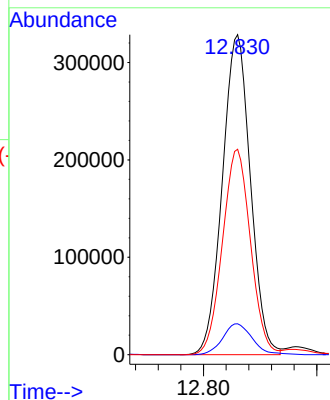
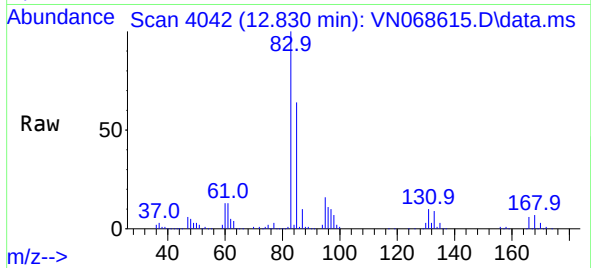




#75  
1,1,2,2-Tetrachloroethane  
Concen: 48.639 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

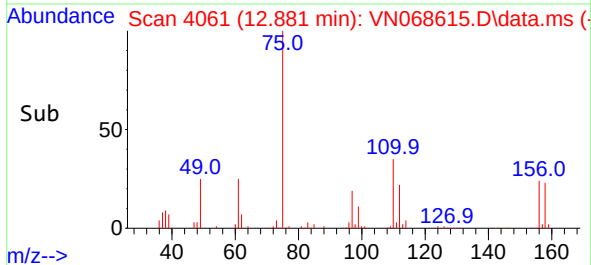
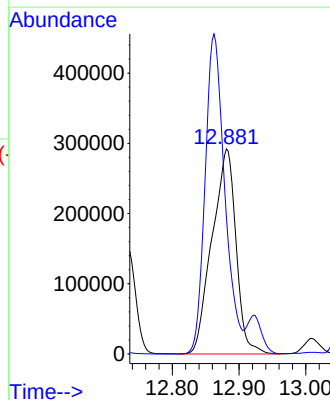
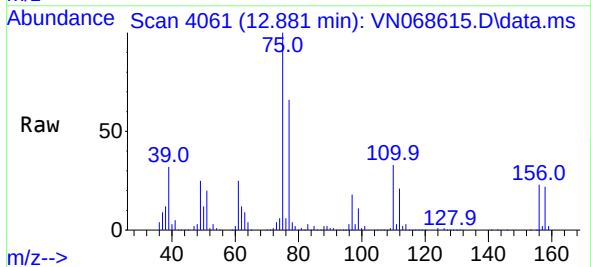
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

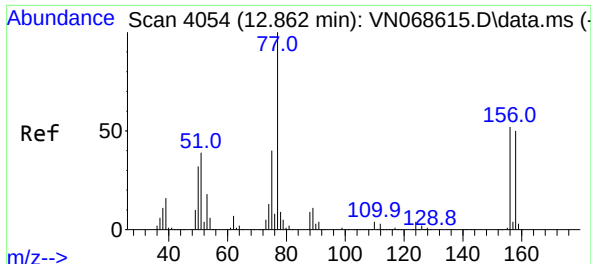
Tgt Ion: 83 Resp: 564544  
Ion Ratio Lower Upper  
83 100  
131 10.2 4.8 14.4  
85 64.2 32.2 96.6



#76  
1,2,3-Trichloropropane  
Concen: 69.433 ug/l  
RT: 12.881 min Scan# 4061  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 75 Resp: 729092  
Ion Ratio Lower Upper  
75 100  
77 127.6 0.0 0.0#

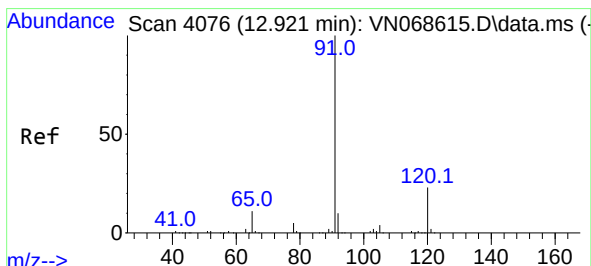
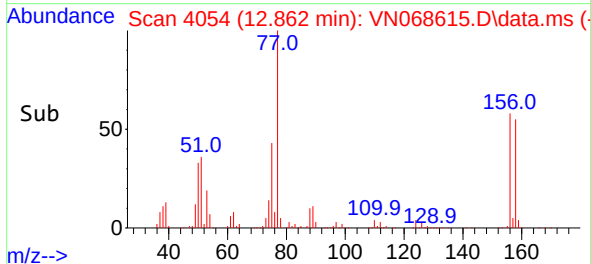
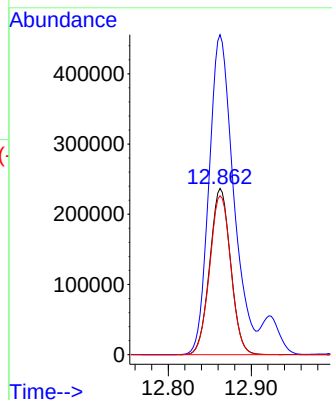
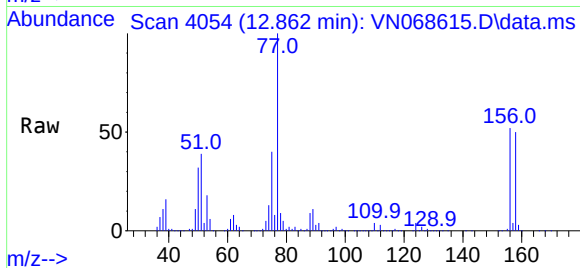




#77  
Bromobenzene  
Concen: 51.517 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

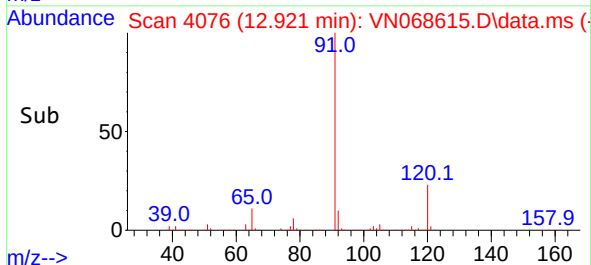
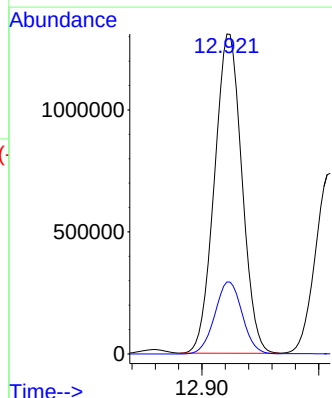
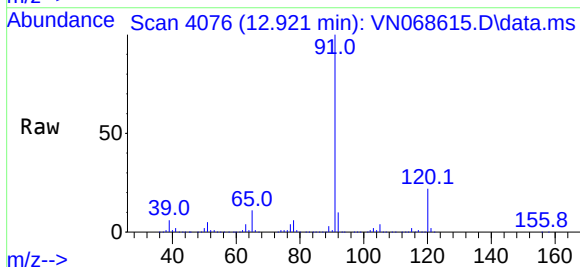
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MSVOA\_N  
ClientSampleId :  
VSTDICCC050

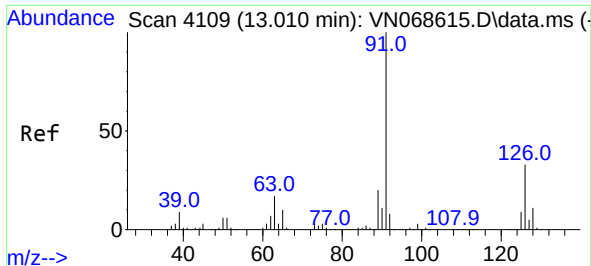
Tgt Ion:156 Resp: 413618  
Ion Ratio Lower Upper  
156 100  
77 225.0 136.2 408.6  
158 97.0 48.4 145.3



#78  
n-propylbenzene  
Concen: 46.520 ug/l  
RT: 12.921 min Scan# 4076  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 91 Resp: 2133034  
Ion Ratio Lower Upper  
91 100  
120 22.6 10.4 31.4

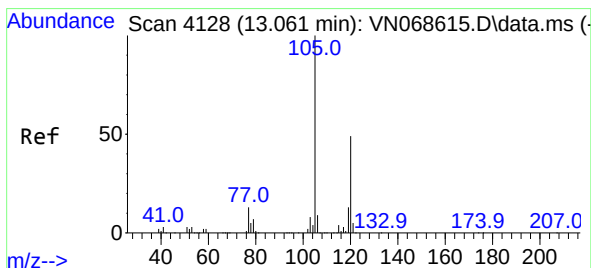
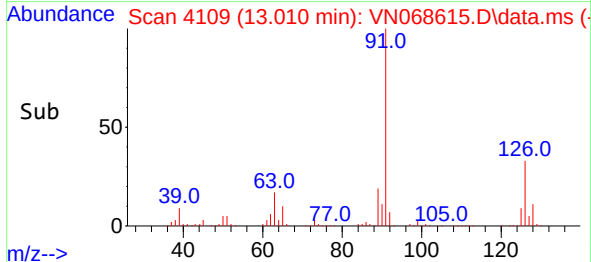
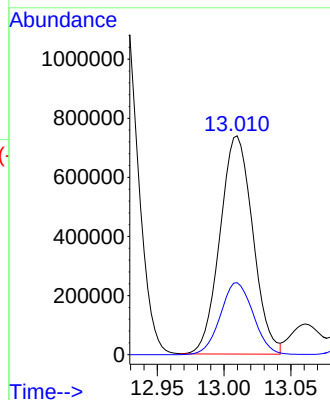
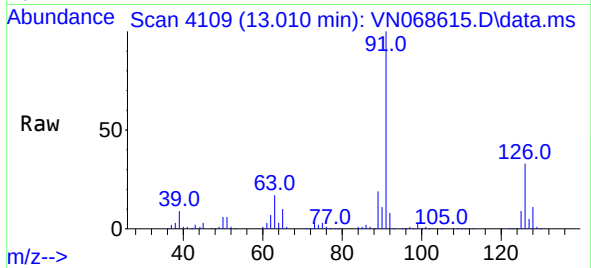




#79  
2-Chlorotoluene  
Concen: 44.534 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

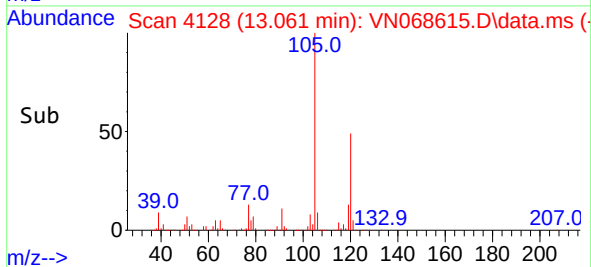
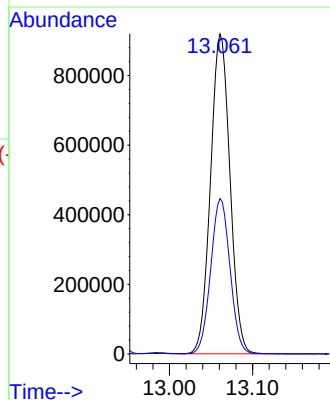
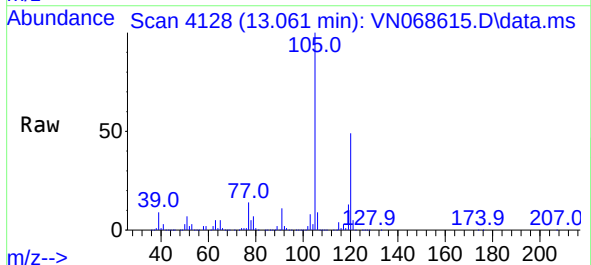
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

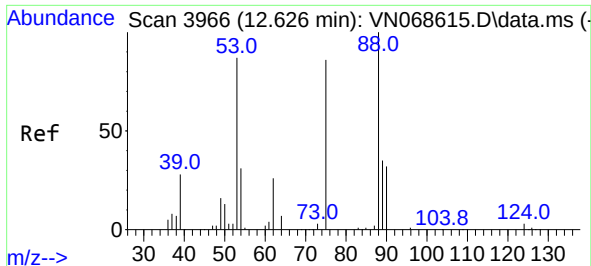
Tgt Ion: 91 Resp: 1264329  
Ion Ratio Lower Upper  
91 100  
126 33.1 14.5 43.5



#80  
1,3,5-Trimethylbenzene  
Concen: 46.047 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 105 Resp: 1490886  
Ion Ratio Lower Upper  
105 100  
120 48.4 22.2 66.6

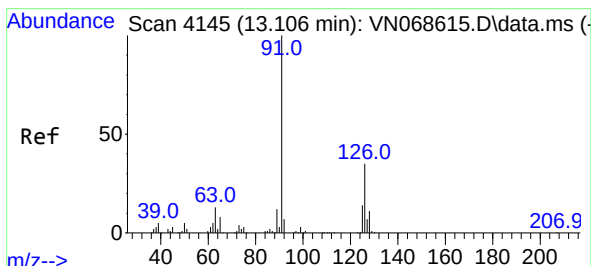
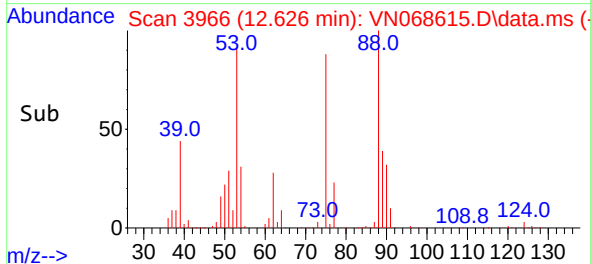
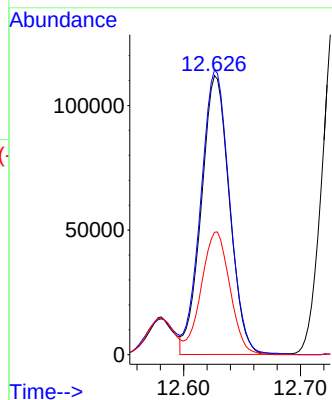
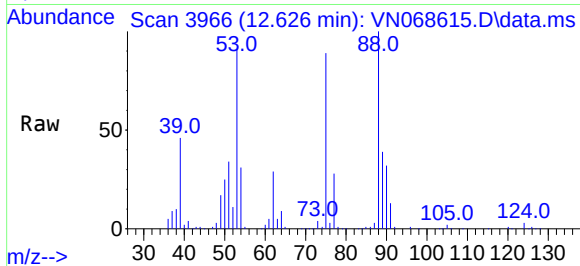




#81  
trans-1,4-Dichloro-2-butene  
Concen: 44.791 ug/l  
RT: 12.626 min Scan# 3966  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

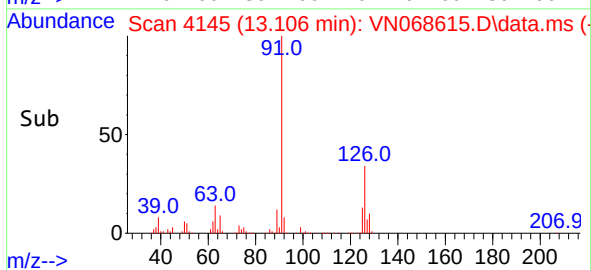
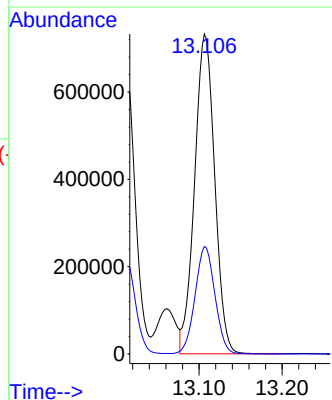
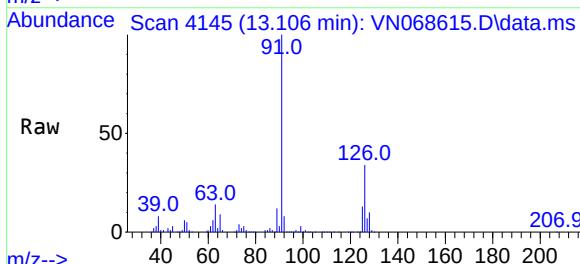
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MSVOA\_N  
ClientSampleId :  
VSTDICCC050

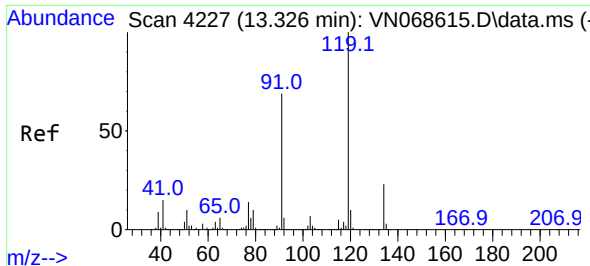
Tgt Ion: 75 Resp: 187560  
Ion Ratio Lower Upper  
75 100  
53 104.5 87.6 131.4  
89 44.6 37.8 56.8



#82  
4-Chlorotoluene  
Concen: 43.820 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 91 Resp: 1232281  
Ion Ratio Lower Upper  
91 100  
126 33.3 14.8 44.4

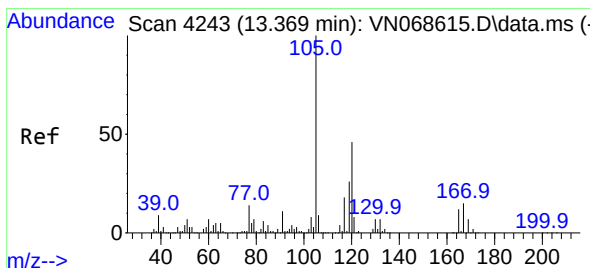
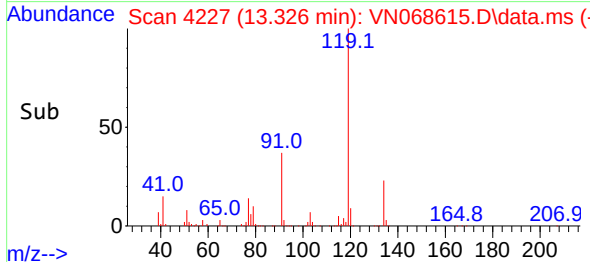
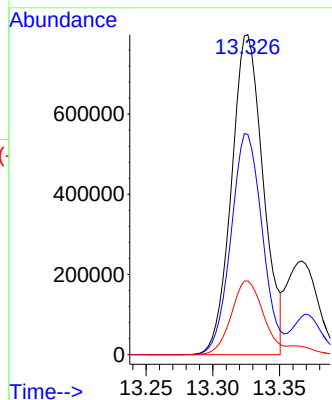
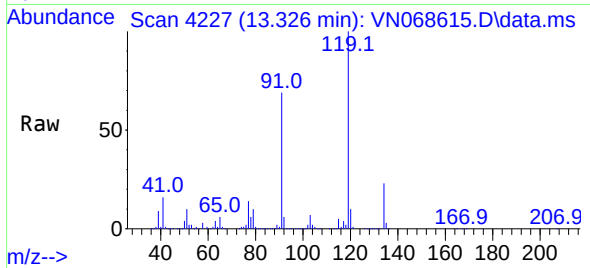




#83  
tert-Butylbenzene  
Concen: 50.360 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

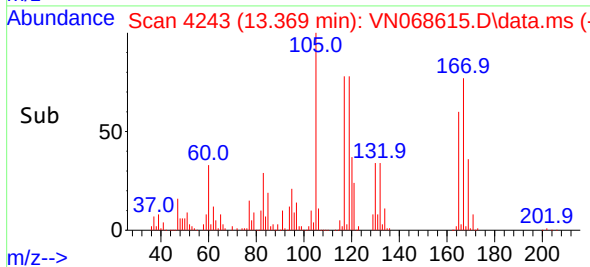
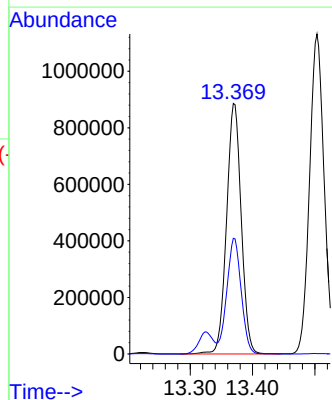
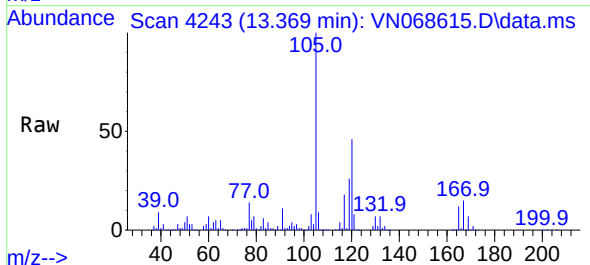
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

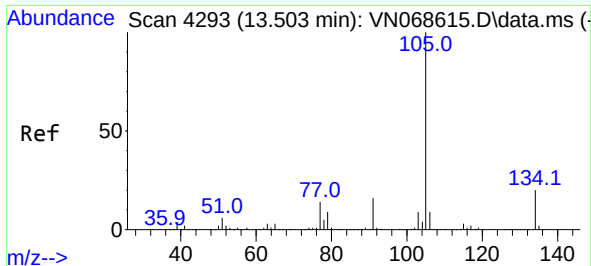
Tgt Ion:119 Resp: 1320277  
Ion Ratio Lower Upper  
119 100  
91 68.5 39.5 118.5  
134 23.6 12.0 36.0



#84  
1,2,4-Trimethylbenzene  
Concen: 45.291 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion:105 Resp: 1446909  
Ion Ratio Lower Upper  
105 100  
120 45.3 20.6 61.8

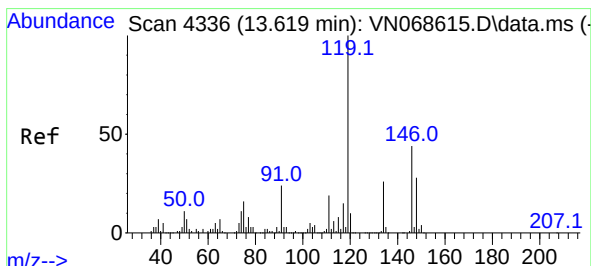
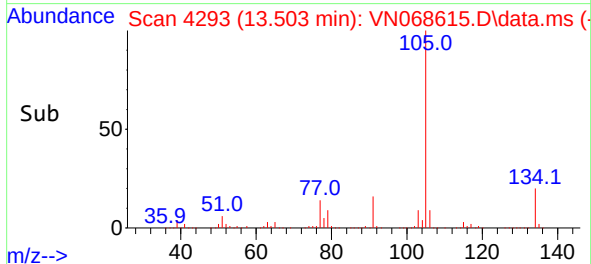
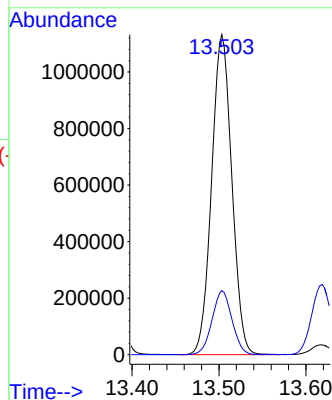
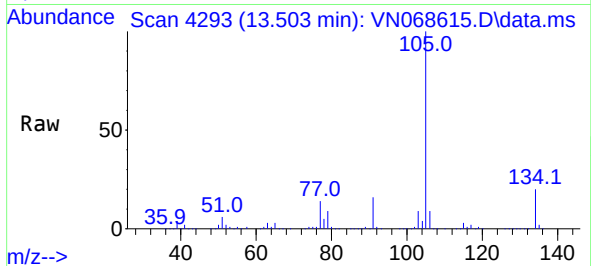




#85  
sec-Butylbenzene  
Concen: 49.394 ug/l  
RT: 13.503 min Scan# 4293  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

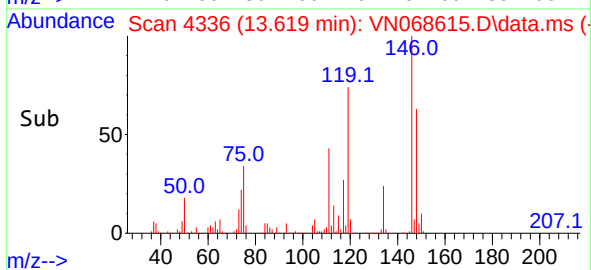
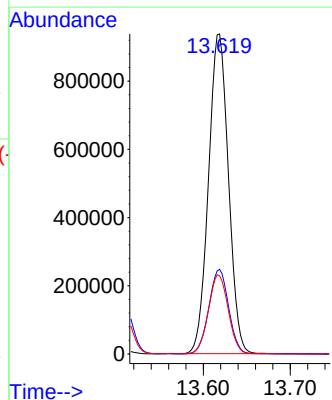
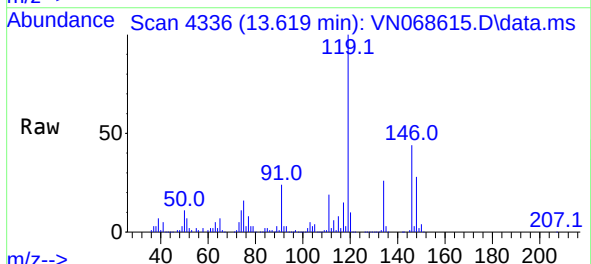
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

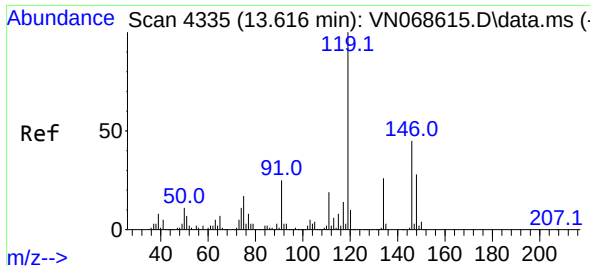
Tgt Ion:105 Resp: 1825700  
Ion Ratio Lower Upper  
105 100  
134 19.7 9.0 27.1



#86  
p-Isopropyltoluene  
Concen: 49.858 ug/l  
RT: 13.619 min Scan# 4336  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion:119 Resp: 1493794  
Ion Ratio Lower Upper  
119 100  
134 26.2 12.4 37.4  
91 24.6 14.8 44.3

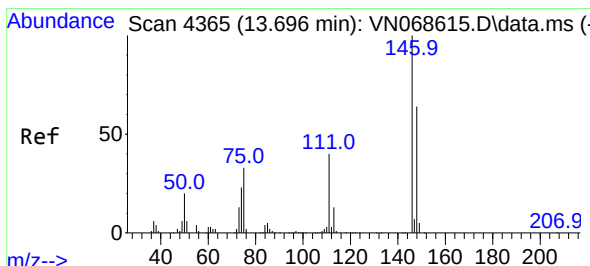
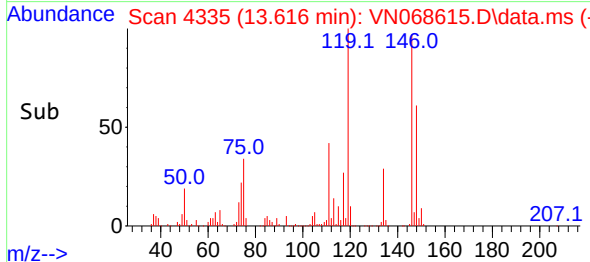
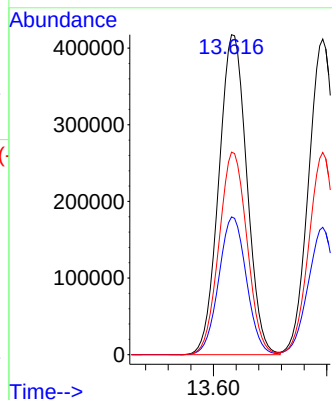
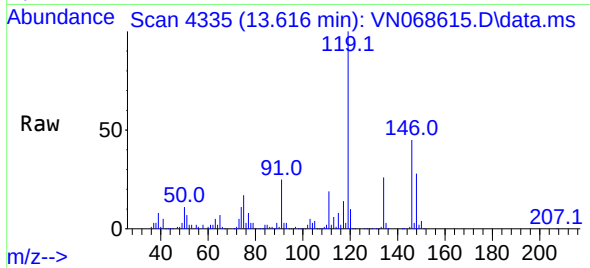




#87  
1,3-Dichlorobenzene  
Concen: 50.075 ug/l  
RT: 13.616 min Scan# 4335  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

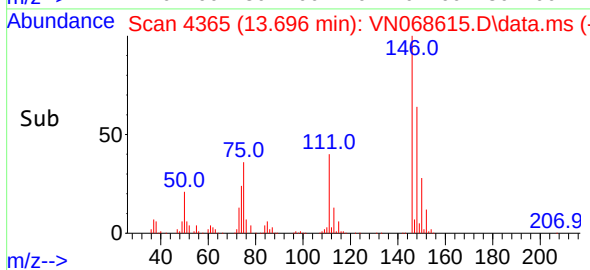
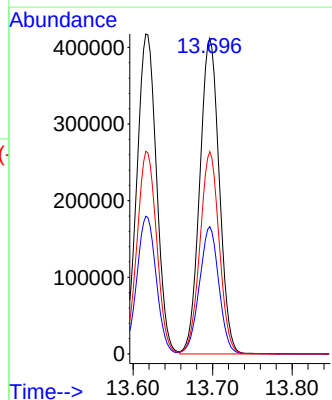
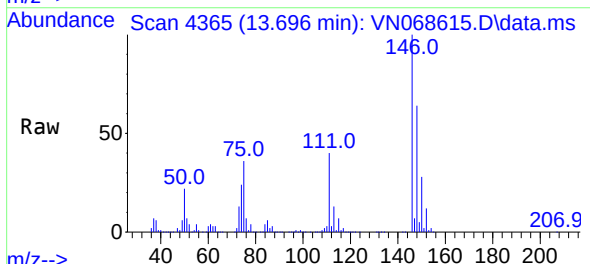
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tgt Ion:146 Resp: 717250  
Ion Ratio Lower Upper  
146 100  
111 42.5 24.3 72.8  
148 63.3 32.0 96.0

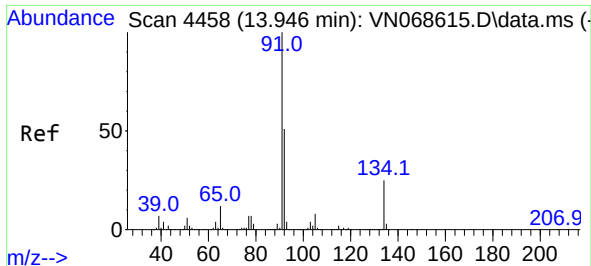


#88  
1,4-Dichlorobenzene  
Concen: 48.770 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion:146 Resp: 700009  
Ion Ratio Lower Upper  
146 100  
111 40.2 23.4 70.2  
148 63.3 31.8 95.3



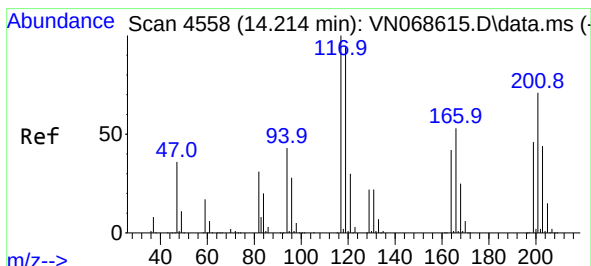
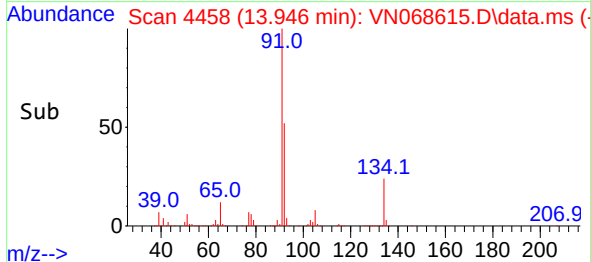
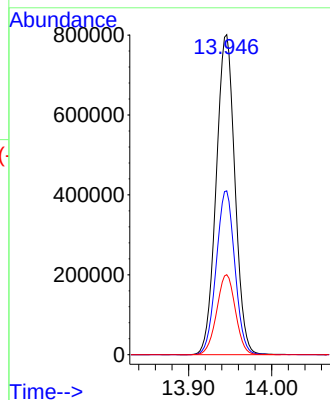
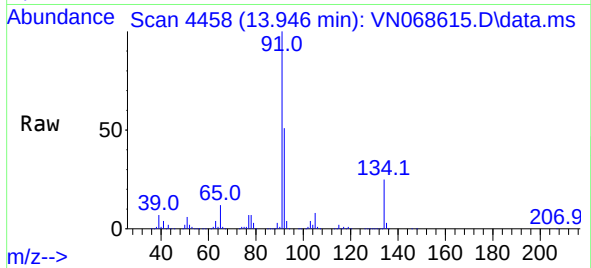




#89  
n-Butylbenzene  
Concen: 45.404 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

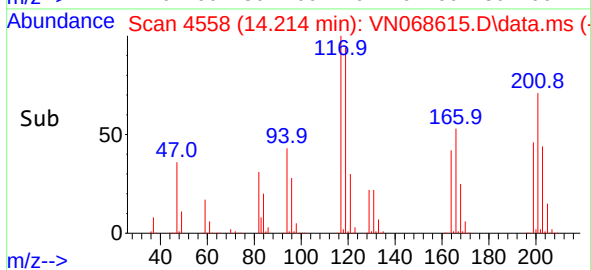
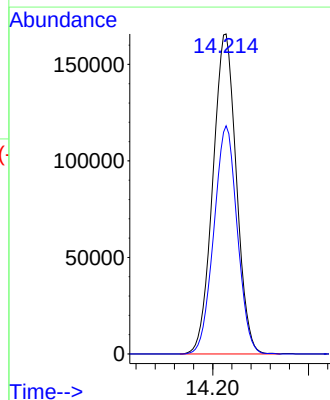
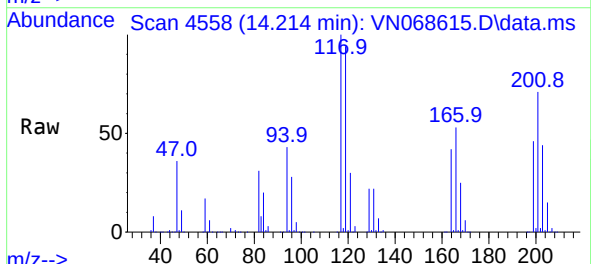
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ClientSampleId :  
VSTDICCC050

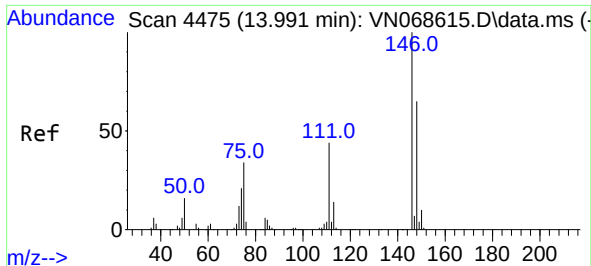
Tgt Ion: 91 Resp: 1253720  
Ion Ratio Lower Upper  
91 100  
92 51.1 25.7 77.1  
134 25.1 11.2 33.6



#90  
Hexachloroethane  
Concen: 48.719 ug/l  
RT: 14.214 min Scan# 4558  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 117 Resp: 281798  
Ion Ratio Lower Upper  
117 100  
201 70.9 33.5 100.5

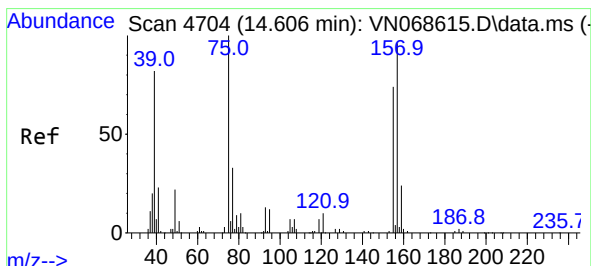
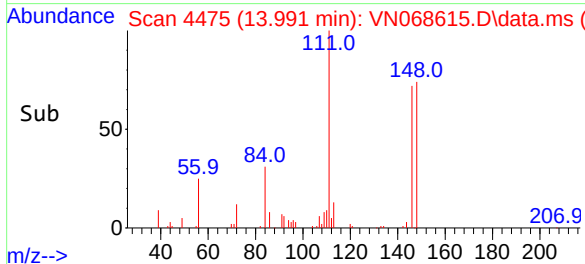
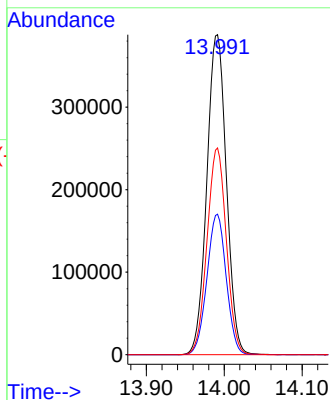
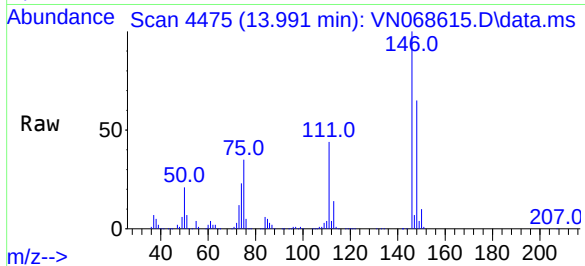




#91  
1,2-Dichlorobenzene  
Concen: 50.014 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

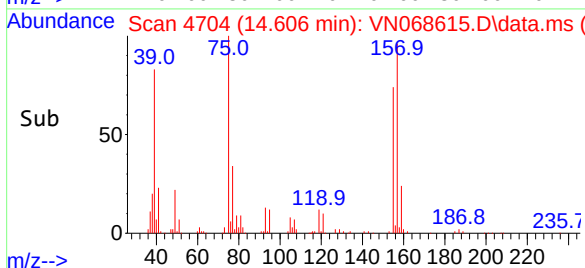
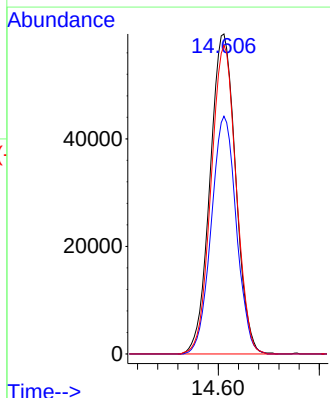
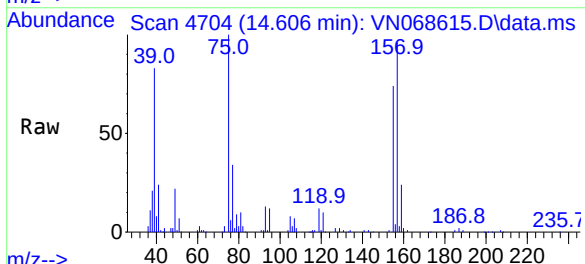
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ClientSampleId :  
VSTDICCC050

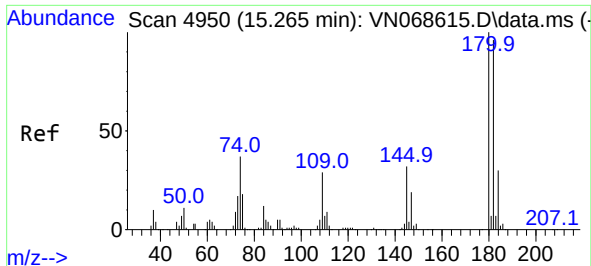
Tgt Ion:146 Resp: 676956  
Ion Ratio Lower Upper  
146 100  
111 43.4 24.9 74.6  
148 63.9 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 37.599 ug/l  
RT: 14.606 min Scan# 4704  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion: 75 Resp: 104736  
Ion Ratio Lower Upper  
75 100  
155 72.6 29.8 89.5  
157 94.1 37.6 112.8

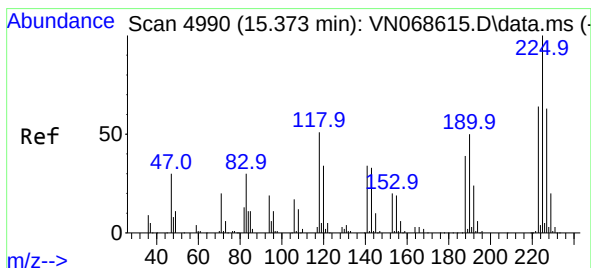
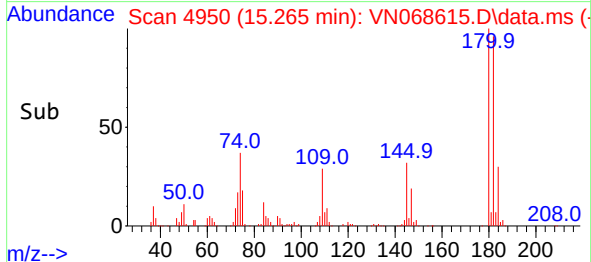
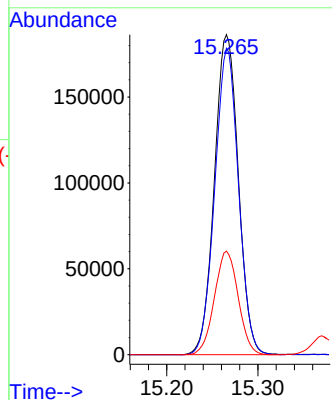
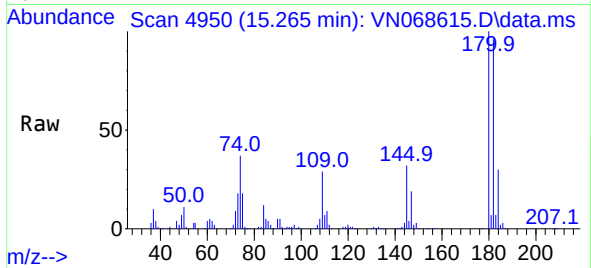




#93  
1,2,4-Trichlorobenzene  
Concen: 48.412 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

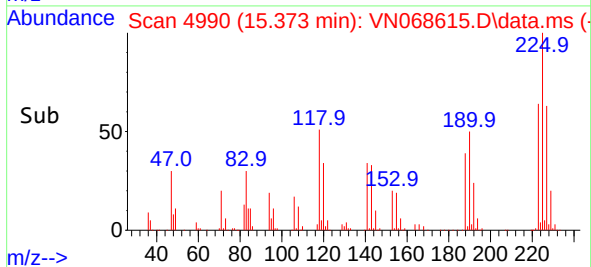
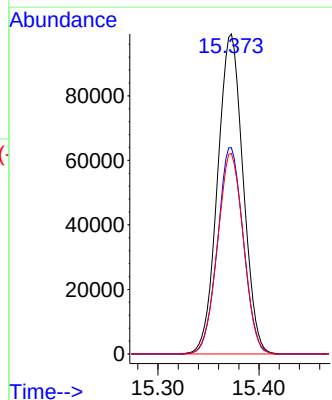
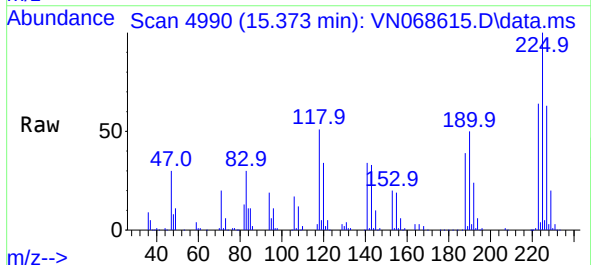
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

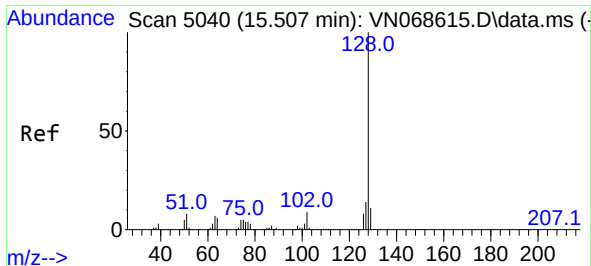
Tgt Ion:180 Resp: 339478  
Ion Ratio Lower Upper  
180 100  
182 94.9 47.5 142.5  
145 32.2 17.2 51.6



#94  
Hexachlorobutadiene  
Concen: 43.545 ug/l  
RT: 15.373 min Scan# 4990  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion:225 Resp: 173801  
Ion Ratio Lower Upper  
225 100  
223 64.9 31.4 94.0  
227 63.9 31.2 93.6



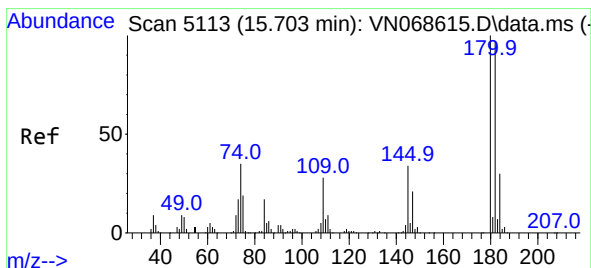
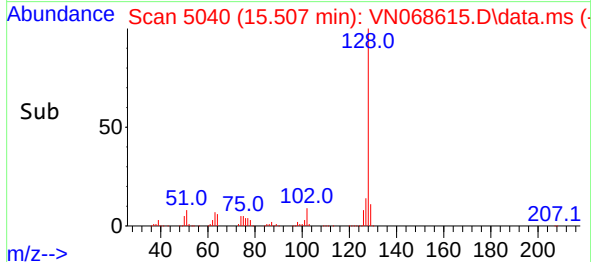
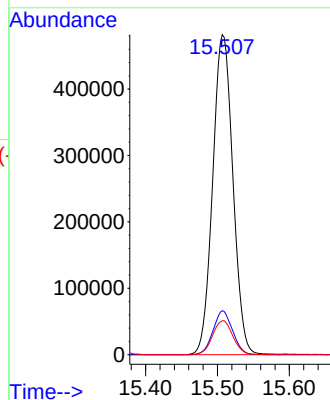
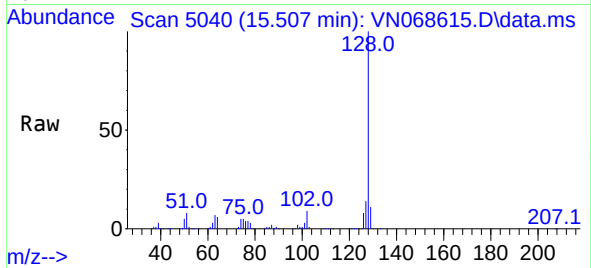


#95  
Naphthalene  
Concen: 44.828 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tgt Ion:128 Resp: 938847

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.3  | 10.6  | 15.8  |
| 129 | 10.7  | 8.6   | 12.8  |



#96  
1,2,3-Trichlorobenzene  
Concen: 48.772 ug/l  
RT: 15.703 min Scan# 5113  
Delta R.T. 0.000 min  
Lab File: VN068615.D  
Acq: 23 Sep 2021 11:46

Tgt Ion:180 Resp: 329768

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.3  | 47.8  | 143.3 |
| 145 | 33.4  | 18.2  | 54.6  |

