

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN033022\  
 Data File : VN071650.D  
 Acq On : 30 Mar 2022 11:15  
 Operator : JC\MD  
 Sample : VSTDIC020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

Quant Time: Mar 30 12:07:32 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 30 12:03:14 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.081  | 168   | 565468   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.963  | 114   | 887511   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.739 | 117   | 799885   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.668 | 152   | 316575   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.433  | 65    | 125230   | 18.623   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | =      | 37.240%# |
| 35) Dibromofluoromethane     | 8.016  | 113   | 100473   | 18.596   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | =      | 37.200%# |
| 50) Toluene-d8               | 10.433 | 98    | 415036   | 18.618   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | =      | 37.240%# |
| 62) 4-Bromofluorobenzene     | 12.727 | 95    | 131133   | 17.986   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | =      | 35.980%# |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.069  | 85    | 92039    | 16.929   | ug/l   | 99       |
| 3) Chloromethane             | 2.299  | 50    | 107434   | 16.696   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.446  | 62    | 121912   | 17.039   | ug/l   | 98       |
| 5) Bromomethane              | 2.851  | 94    | 82054    | 19.618   | ug/l   | 99       |
| 6) Chloroethane              | 3.016  | 64    | 82823    | 16.004   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.375  | 101   | 155702   | 18.159   | ug/l   | 98       |
| 8) Diethyl Ether             | 3.828  | 74    | 66534    | 18.617   | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 4.216  | 101   | 94185    | 18.069   | ug/l   | 98       |
| 10) Methyl Iodide            | 4.422  | 142   | 134100   | 17.558   | ug/l   | 99       |
| 11) Tert butyl alcohol       | 5.357  | 59    | 102189   | 85.991   | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 4.181  | 96    | 91529    | 18.208   | ug/l   | 95       |
| 13) Acrolein                 | 4.040  | 56    | 127291   | 117.290  | ug/l   | 99       |
| 14) Allyl chloride           | 4.840  | 41    | 147518   | 18.275   | ug/l   | 99       |
| 15) Acrylonitrile            | 5.545  | 53    | 308521   | 92.563   | ug/l   | 98       |
| 16) Acetone                  | 4.281  | 43    | 258306   | 92.434   | ug/l   | 100      |
| 17) Carbon Disulfide         | 4.534  | 76    | 193563   | 15.563   | ug/l   | 100      |
| 18) Methyl Acetate           | 4.851  | 43    | 138478   | 16.018   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.610  | 73    | 349316   | 18.885   | ug/l   | 97       |
| 20) Methylene Chloride       | 5.098  | 84    | 112845   | 18.372   | ug/l   | 99       |
| 21) trans-1,2-Dichloroethene | 5.592  | 96    | 98697    | 18.265   | ug/l   | 98       |
| 22) Diisopropyl ether        | 6.487  | 45    | 330986   | 19.144   | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.428  | 43    | 1369613  | 94.029   | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.387  | 63    | 191058   | 18.596   | ug/l   | 99       |
| 25) 2-Butanone               | 7.328  | 43    | 396621   | 91.729   | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 7.322  | 77    | 165262   | 18.710   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.322  | 96    | 124655   | 18.729   | ug/l   | 98       |
| 28) Bromochloromethane       | 7.657  | 49    | 80371    | 19.747   | ug/l   | 98       |
| 29) Tetrahydrofuran          | 7.681  | 42    | 262523   | 93.344   | ug/l   | 99       |
| 30) Chloroform               | 7.810  | 83    | 199520   | 18.918   | ug/l   | 99       |
| 31) Cyclohexane              | 8.092  | 56    | 166683   | 17.749   | ug/l   | 96       |
| 32) 1,1,1-Trichloroethane    | 8.010  | 97    | 170320   | 18.652   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 8.216  | 75    | 139462   | 17.883   | ug/l   | 100      |
| 37) Ethyl Acetate            | 7.404  | 43    | 156807   | 18.260   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 8.204  | 117   | 137923   | 17.888   | ug/l   | 95       |
| 39) Methylcyclohexane        | 9.457  | 83    | 170940   | 17.776   | ug/l   | 98       |
| 40) Benzene                  | 8.457  | 78    | 446795   | 18.656   | ug/l   | 98       |

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 Sample : VSTDIC020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

Quant Time: Mar 30 12:07:32 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 30 12:03:14 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.628  | 41   | 86325    | 20.758  | ug/l # | 86       |
| 42) 1,2-Dichloroethane        | 8.522  | 62   | 155324   | 18.770  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.557  | 43   | 248109   | 16.422  | ug/l   | 99       |
| 44) Trichloroethene           | 9.210  | 130  | 116532   | 18.463  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.486  | 63   | 112231   | 18.977  | ug/l   | 95       |
| 46) Dibromomethane            | 9.575  | 93   | 76744    | 18.975  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.757  | 83   | 153207   | 19.218  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.551  | 41   | 116135   | 19.069  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.563  | 88   | 48302    | 355.743 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.322 | 43   | 786193   | 93.839  | ug/l   | 100      |
| 52) Toluene                   | 10.498 | 92   | 289577   | 18.759  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.716 | 75   | 160958   | 18.561  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.186 | 75   | 179876   | 19.078  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.892 | 97   | 118998   | 19.088  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.757 | 69   | 174169   | 18.759  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.039 | 76   | 197836   | 19.039  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.033 | 63   | 198657   | 83.958  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.080 | 43   | 557381   | 93.114  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.233 | 129  | 118831   | 19.063  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.339 | 107  | 117966   | 18.764  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.974 | 164  | 103289   | 18.757  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.763 | 112  | 312964   | 18.787  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.833 | 131  | 116151   | 19.456  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.839 | 91   | 538843   | 18.760  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.951 | 106  | 421920   | 38.593  | ug/l   | 100      |
| 69) o-Xylene                  | 12.274 | 106  | 209852   | 19.118  | ug/l   | 98       |
| 70) Styrene                   | 12.292 | 104  | 322961   | 19.280  | ug/l   | 99       |
| 71) Bromoform                 | 12.451 | 173  | 88709    | 18.810  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.574 | 105  | 535669   | 19.322  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.380 | 43   | 154749   | 18.375  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.821 | 83   | 176473   | 19.027  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.874 | 75   | 201919   | 26.594  | ug/l   | 52       |
| 77) Bromobenzene              | 12.857 | 156  | 126012   | 18.055  | ug/l   | 100      |
| 78) n-propylbenzene           | 12.916 | 91   | 562381   | 18.809  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.004 | 91   | 353431   | 18.874  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.051 | 105  | 430692   | 19.674  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.621 | 75   | 45847    | 17.433  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.098 | 91   | 324686   | 18.578  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.315 | 119  | 390215   | 19.408  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 417035   | 19.419  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.498 | 105  | 509143   | 19.200  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 406322   | 19.249  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.610 | 146  | 210658   | 18.721  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.692 | 146  | 201926   | 18.074  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.939 | 91   | 294259   | 18.452  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.204 | 117  | 73888    | 18.670  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.980 | 146  | 203828   | 18.541  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 27841    | 17.414  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.257 | 180  | 86718    | 17.825  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.362 | 225  | 60173    | 19.575  | ug/l   | 99       |
| 95) Naphthalene               | 15.498 | 128  | 210351   | 15.894  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.692 | 180  | 83113    | 17.088  | ug/l   | 100      |

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Sample : VSTDICC020  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
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Quant Title : SW846 8260  
QLast Update : Wed Mar 30 12:03:14 2022  
Response via : Initial Calibration

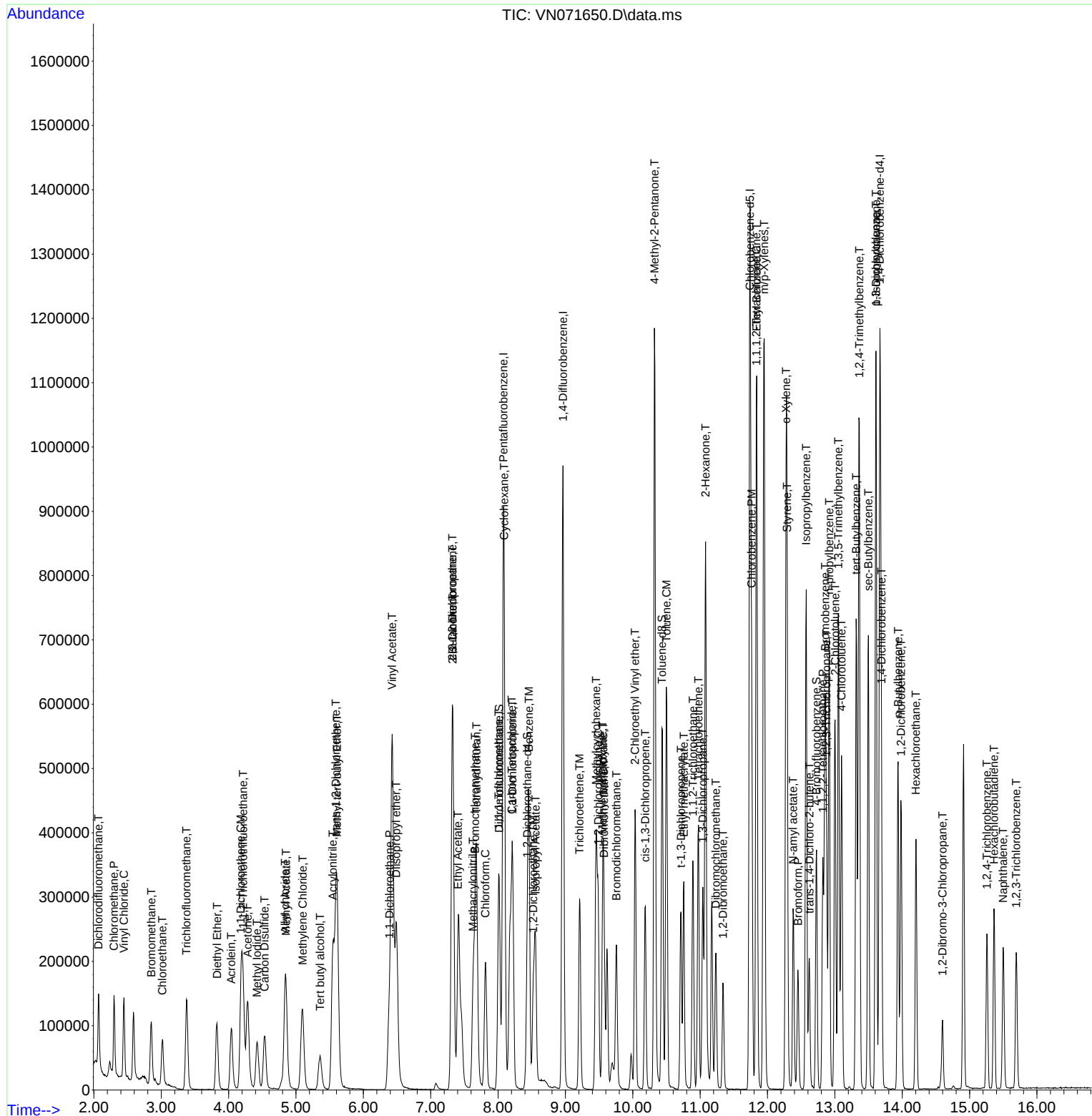
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

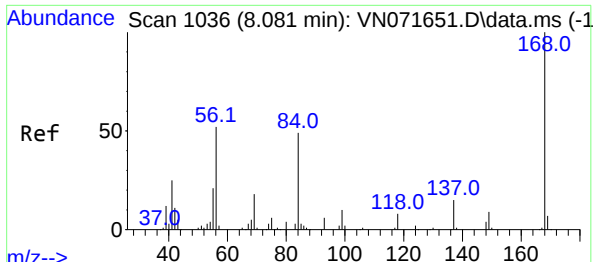
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 Sample : VSTDIC020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
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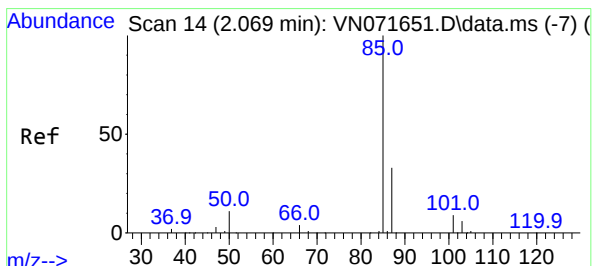
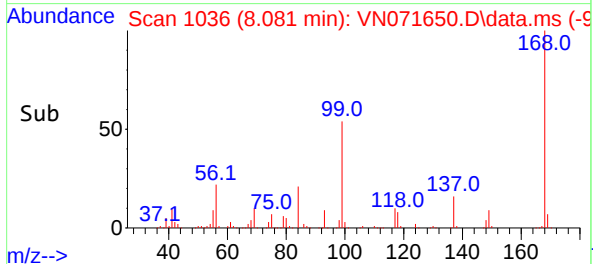
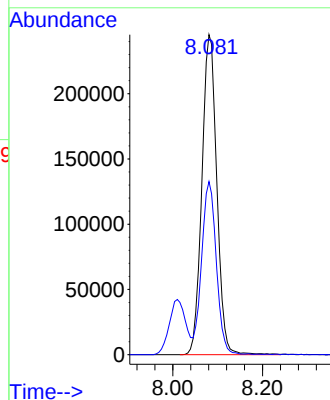
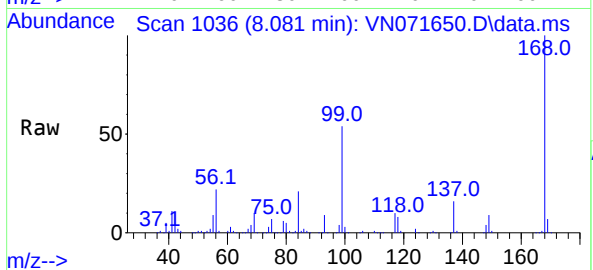




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

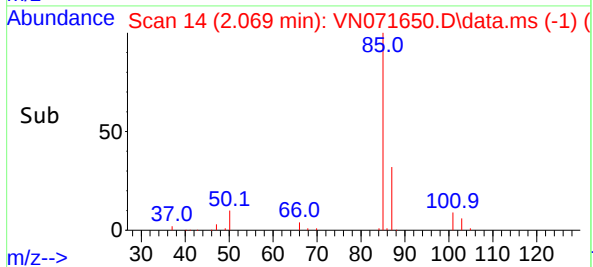
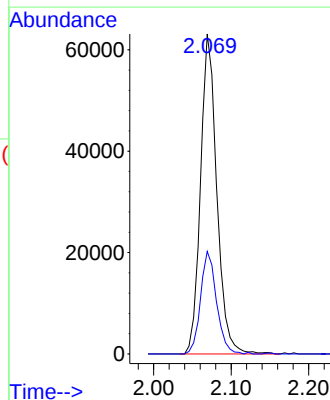
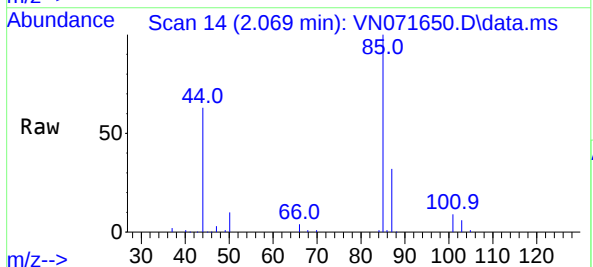
Instrument :  
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VSTDIC020

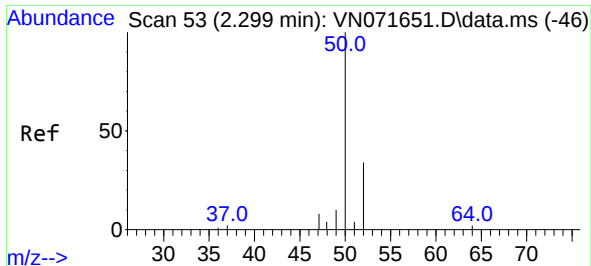
Tgt Ion:168 Resp: 565468  
Ion Ratio Lower Upper  
168 100  
99 54.1 42.3 63.5



#2  
Dichlorodifluoromethane  
Concen: 16.929 ug/l  
RT: 2.069 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 85 Resp: 92039  
Ion Ratio Lower Upper  
85 100  
87 32.1 15.7 47.1

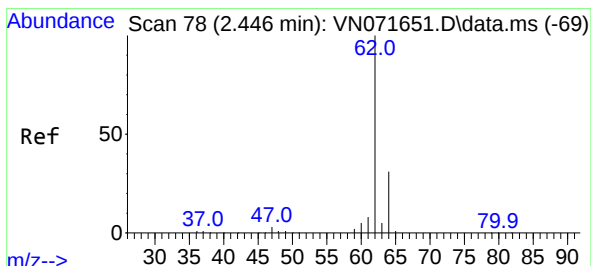
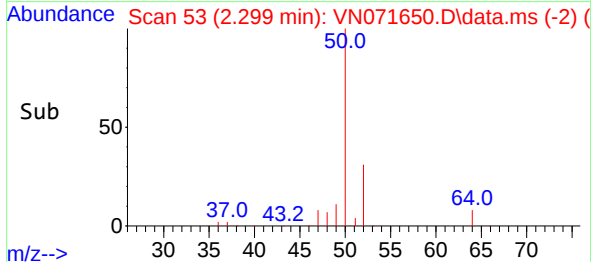
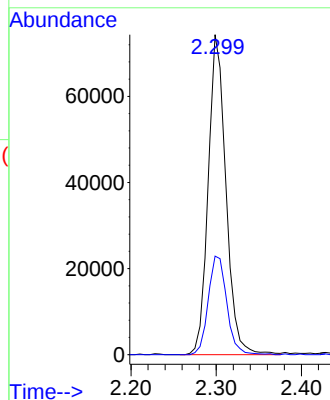
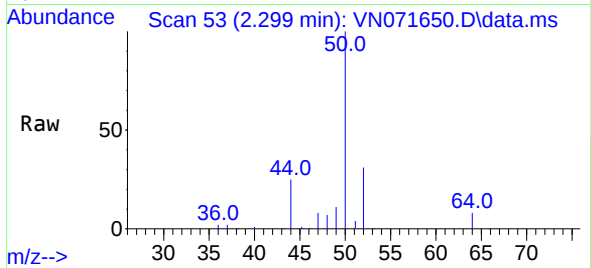




#3  
Chloromethane  
Concen: 16.696 ug/l  
RT: 2.299 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

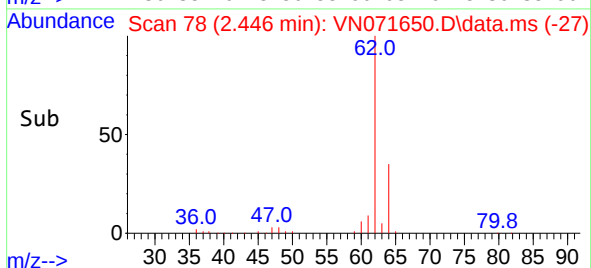
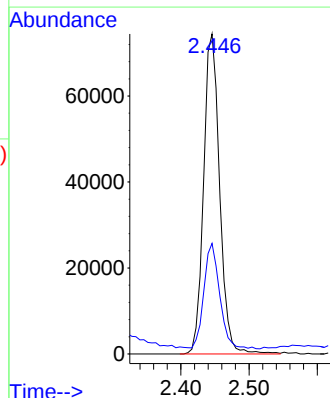
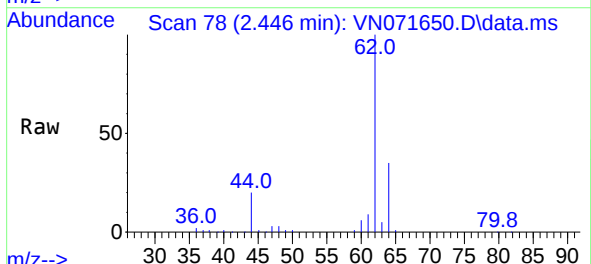
Instrument :  
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VSTDICC020

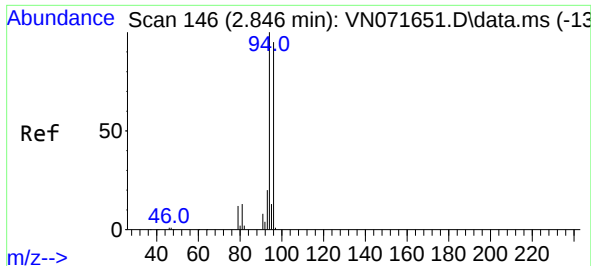
Tgt Ion: 50 Resp: 107434  
Ion Ratio Lower Upper  
50 100  
52 30.8 25.7 38.5



#4  
Vinyl Chloride  
Concen: 17.039 ug/l  
RT: 2.446 min Scan# 78  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 62 Resp: 121912  
Ion Ratio Lower Upper  
62 100  
64 32.4 25.0 37.4

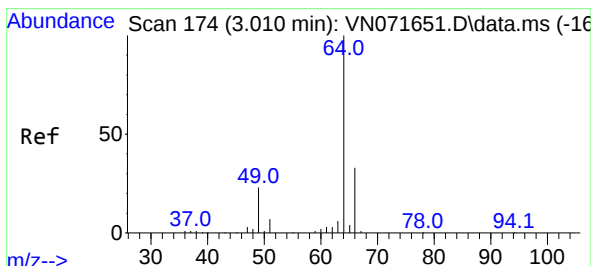
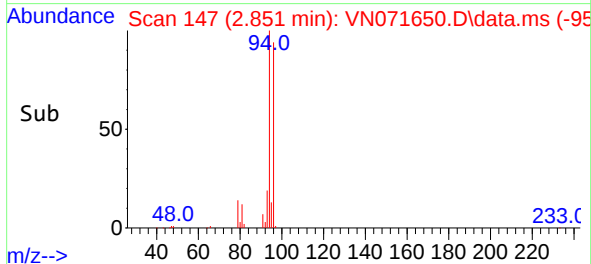
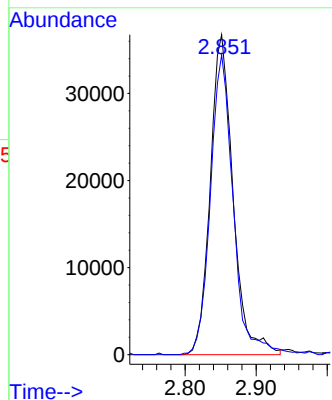
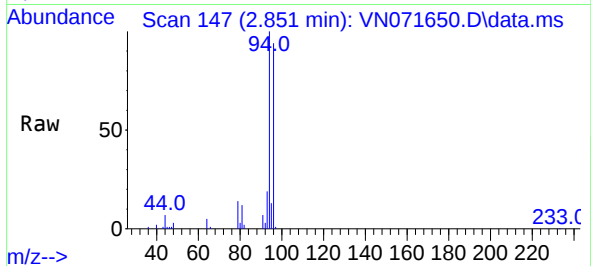




#5  
Bromomethane  
Concen: 19.618 ug/l  
RT: 2.851 min Scan# 14  
Delta R.T. 0.006 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

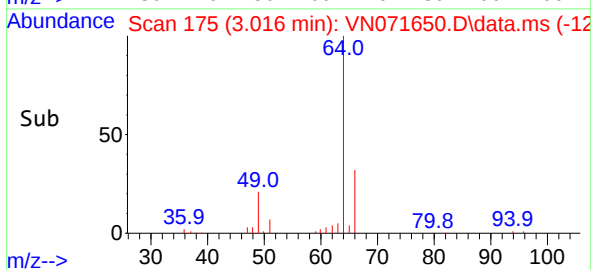
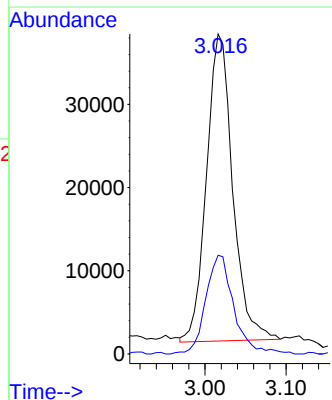
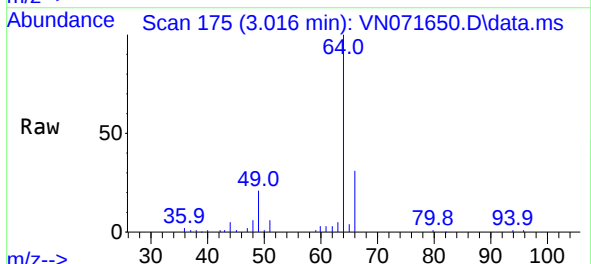
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

Tgt Ion: 94 Resp: 82054  
Ion Ratio Lower Upper  
94 100  
96 93.6 76.0 114.0



#6  
Chloroethane  
Concen: 16.004 ug/l  
RT: 3.016 min Scan# 175  
Delta R.T. 0.006 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 64 Resp: 82823  
Ion Ratio Lower Upper  
64 100  
66 31.7 26.2 39.4

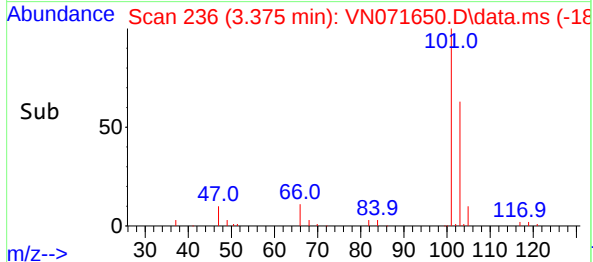
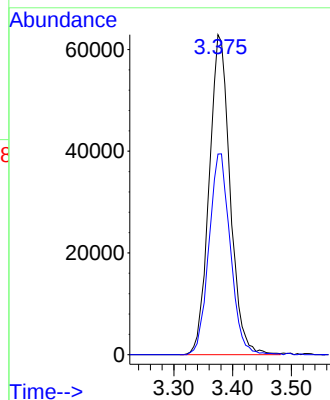
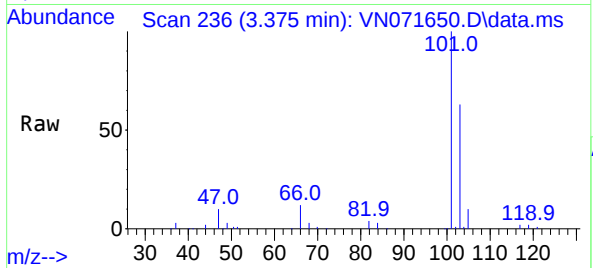




#7  
Trichlorofluoromethane  
Concen: 18.159 ug/l  
RT: 3.375 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

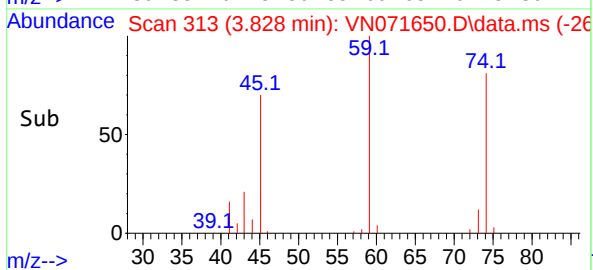
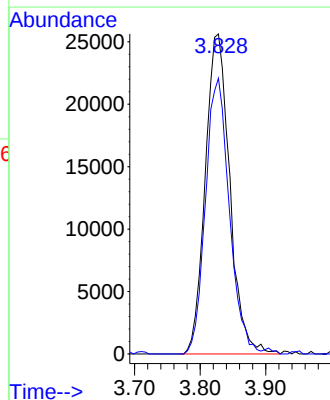
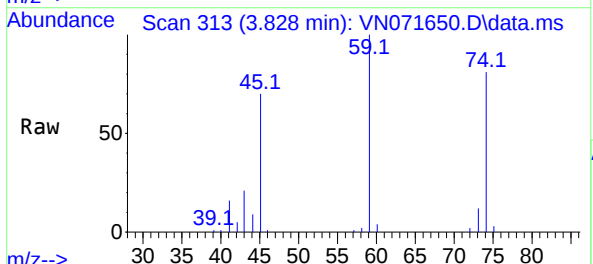
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

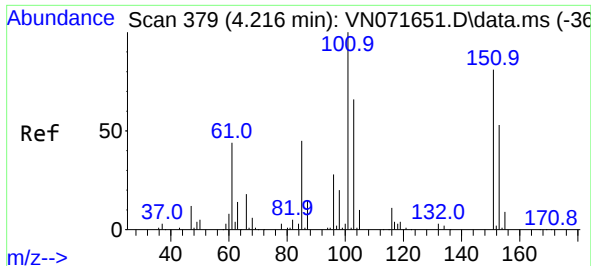
Tgt Ion:101 Resp: 155702  
Ion Ratio Lower Upper  
101 100  
103 62.7 51.5 77.3



#8  
Diethyl Ether  
Concen: 18.617 ug/l  
RT: 3.828 min Scan# 313  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 74 Resp: 66534  
Ion Ratio Lower Upper  
74 100  
45 84.0 42.9 128.5

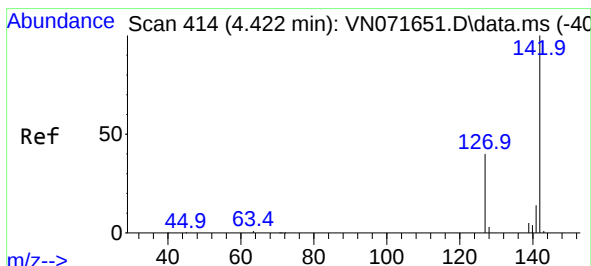
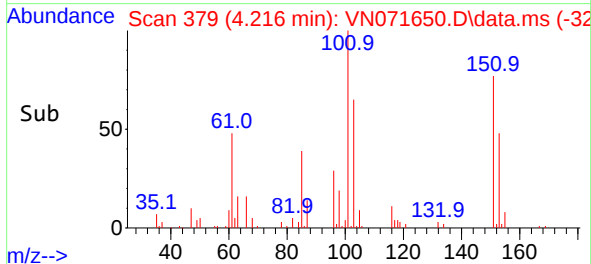
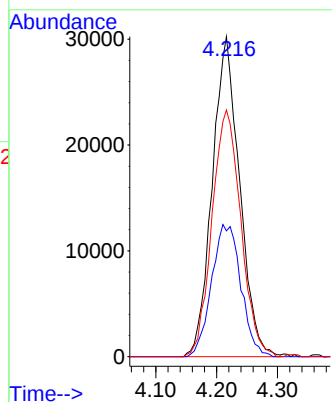
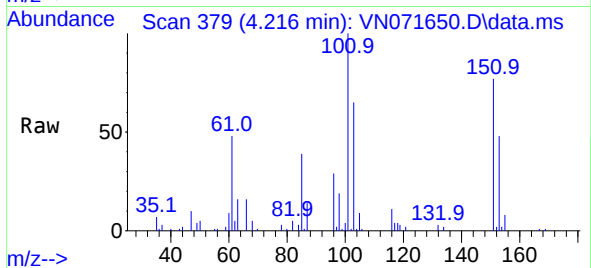




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.069 ug/l  
RT: 4.216 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

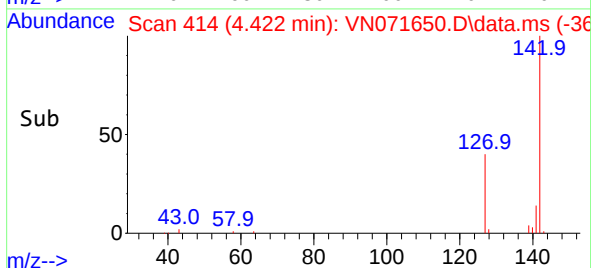
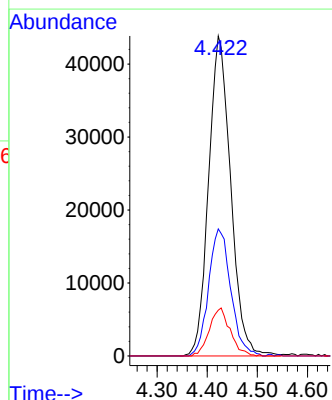
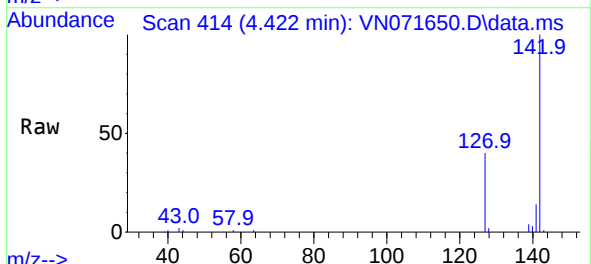
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

Tgt Ion:101 Resp: 94185  
Ion Ratio Lower Upper  
101 100  
85 44.3 34.7 52.1  
151 81.2 63.0 94.4



#10  
Methyl Iodide  
Concen: 17.558 ug/l  
RT: 4.422 min Scan# 414  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion:142 Resp: 134100  
Ion Ratio Lower Upper  
142 100  
127 39.9 31.3 46.9  
141 14.1 11.2 16.8

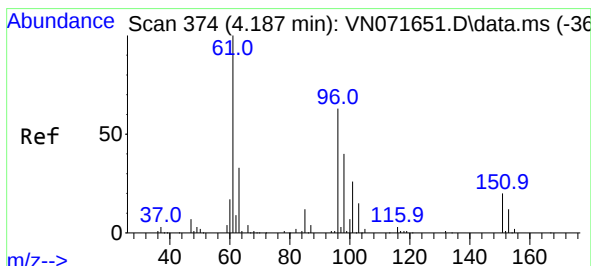
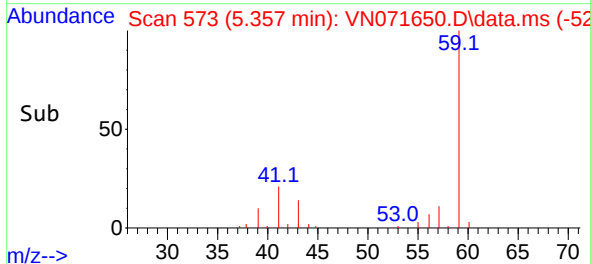
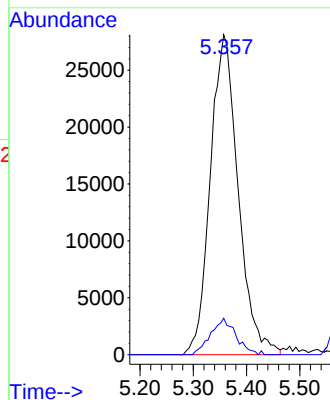
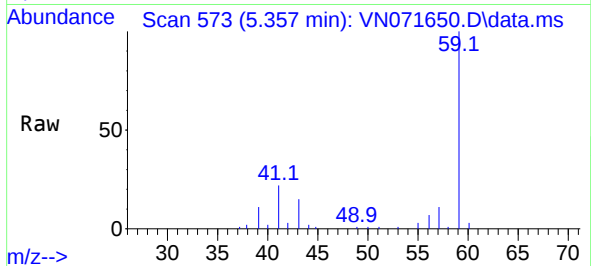




#11  
Tert butyl alcohol  
Concen: 85.991 ug/l  
RT: 5.357 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

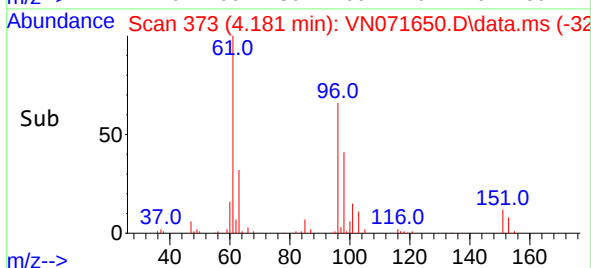
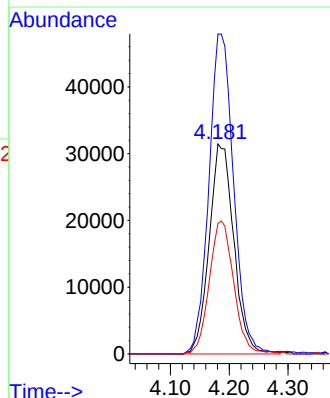
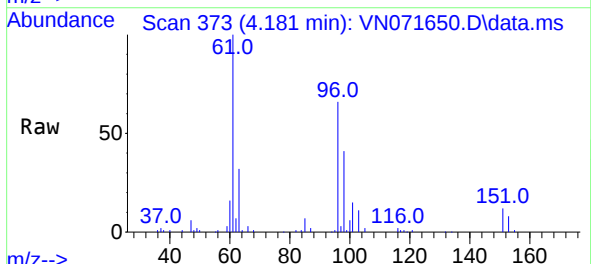
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

Tgt Ion: 59 Resp: 102189  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 18.208 ug/l  
RT: 4.181 min Scan# 373  
Delta R.T. -0.006 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 96 Resp: 91529  
Ion Ratio Lower Upper  
96 100  
61 152.3 127.6 191.4  
98 62.0 51.2 76.8

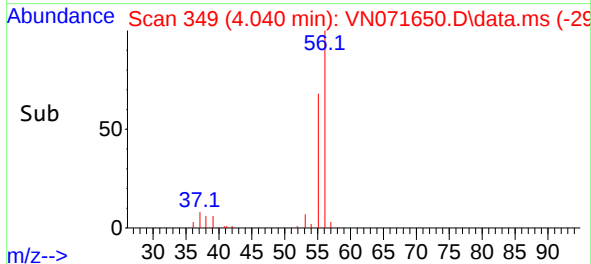
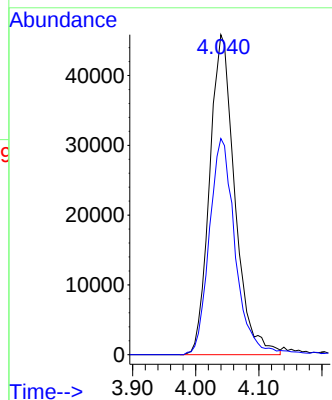
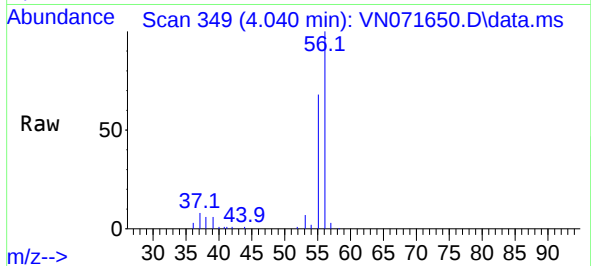




#13  
Acrolein  
Concen: 117.290 ug/l  
RT: 4.040 min Scan# 349  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

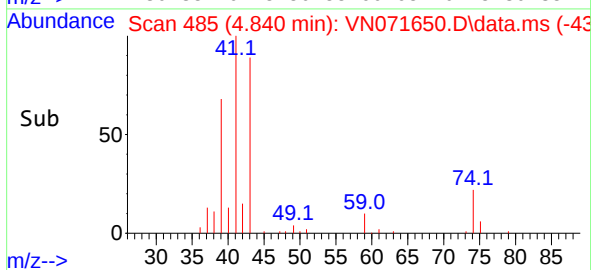
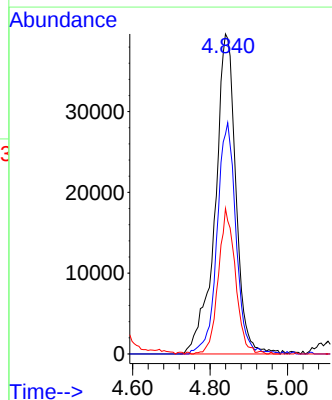
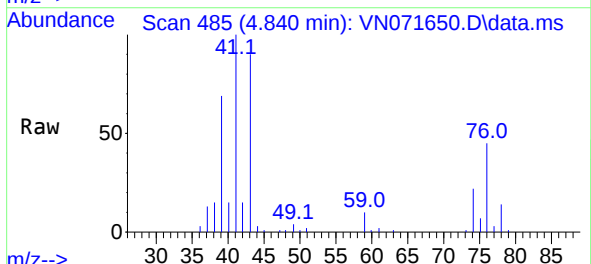
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

Tgt Ion: 56 Resp: 127291  
Ion Ratio Lower Upper  
56 100  
55 69.4 54.8 82.2



#14  
Allyl chloride  
Concen: 18.275 ug/l  
RT: 4.840 min Scan# 485  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

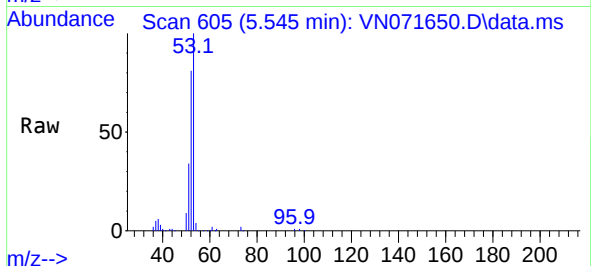
Tgt Ion: 41 Resp: 147518  
Ion Ratio Lower Upper  
41 100  
39 65.9 53.2 79.8  
76 37.2 29.9 44.9



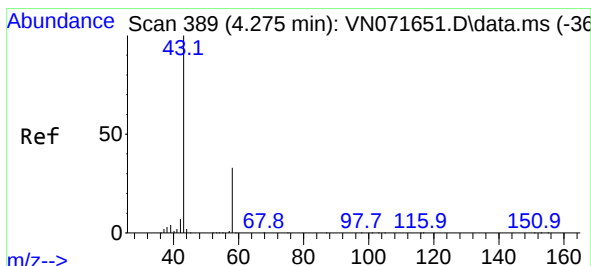
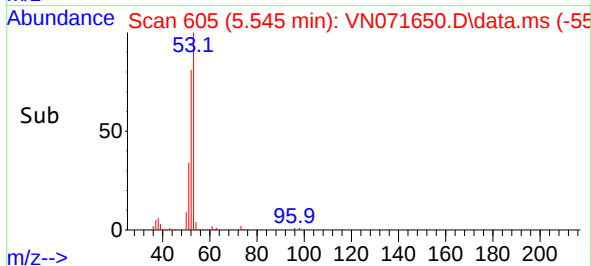
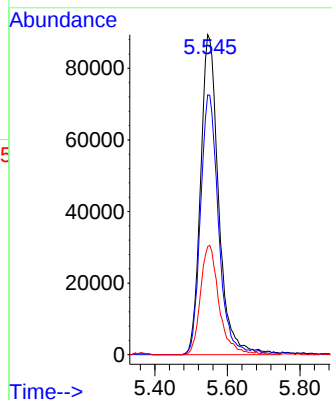


#15  
Acrylonitrile  
Concen: 92.563 ug/l  
RT: 5.545 min Scan# 605  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

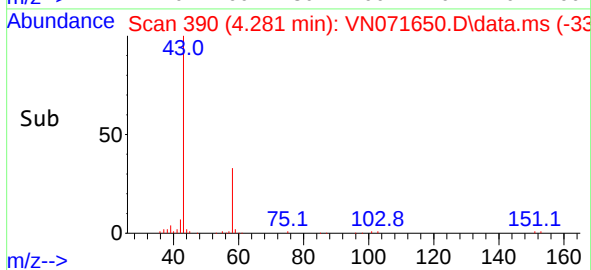
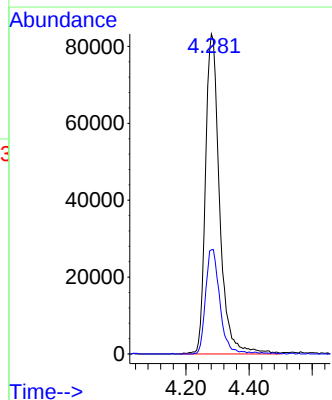
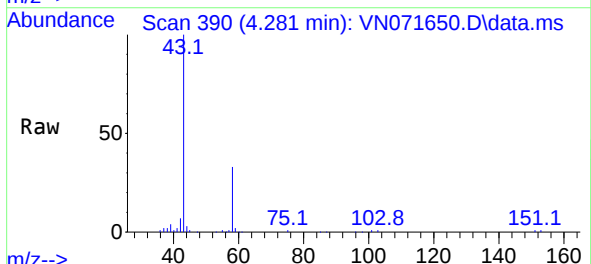


Tgt Ion: 53 Resp: 308521  
Ion Ratio Lower Upper  
53 100  
52 81.3 66.4 99.6  
51 35.2 28.5 42.7



#16  
Acetone  
Concen: 92.434 ug/l  
RT: 4.281 min Scan# 390  
Delta R.T. 0.006 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 43 Resp: 258306  
Ion Ratio Lower Upper  
43 100  
58 32.5 26.0 39.0

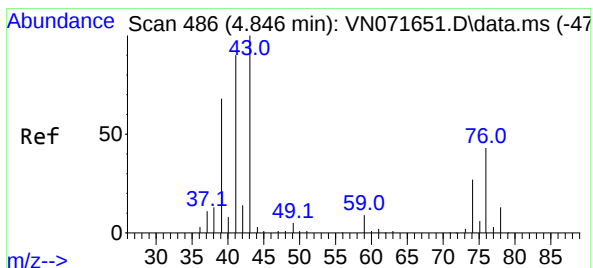
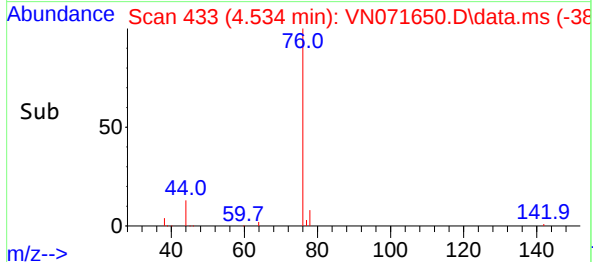
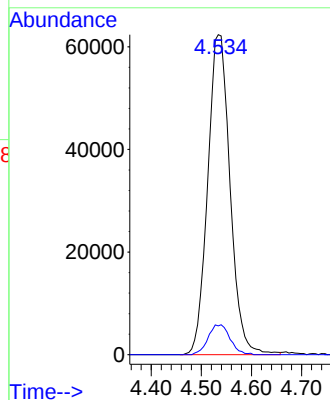
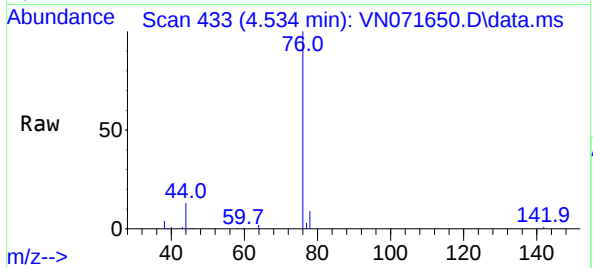




#17  
Carbon Disulfide  
Concen: 15.563 ug/l  
RT: 4.534 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

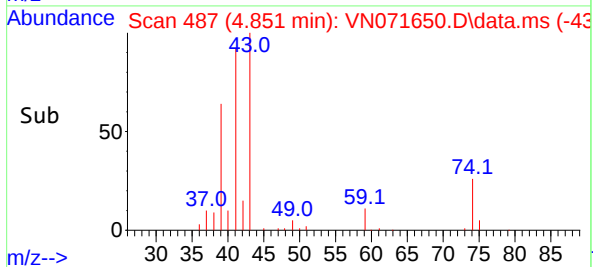
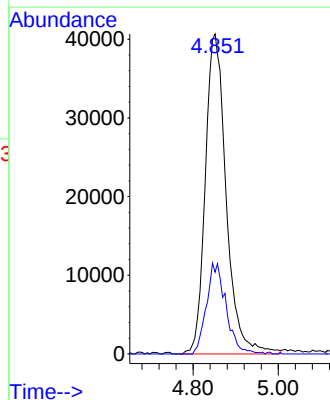
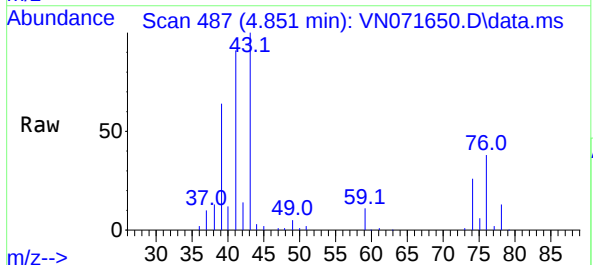
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

Tgt Ion: 76 Resp: 193563  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.2 10.8



#18  
Methyl Acetate  
Concen: 16.018 ug/l  
RT: 4.851 min Scan# 487  
Delta R.T. 0.006 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 43 Resp: 138478  
Ion Ratio Lower Upper  
43 100  
74 26.6 21.6 32.4

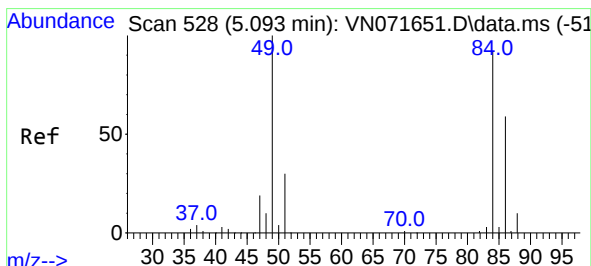
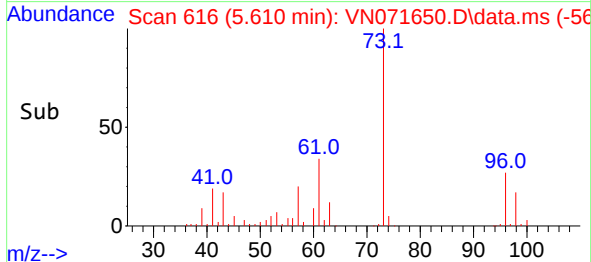
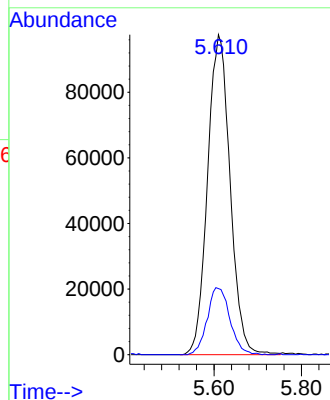
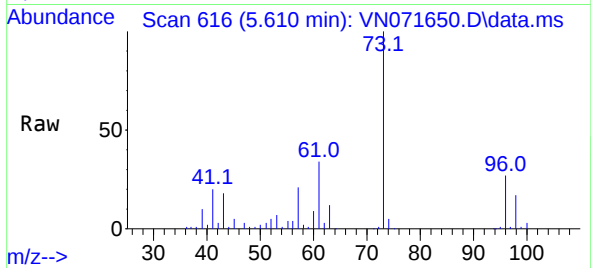




#19  
Methyl tert-butyl Ether  
Concen: 18.885 ug/l  
RT: 5.610 min Scan# 616  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

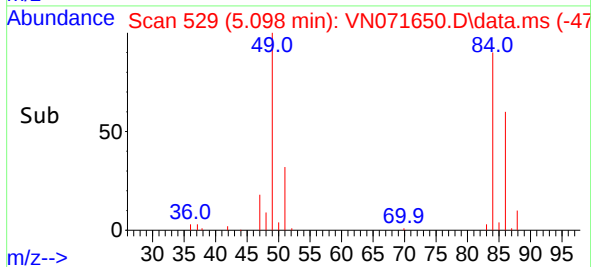
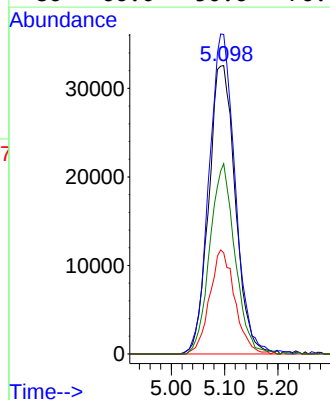
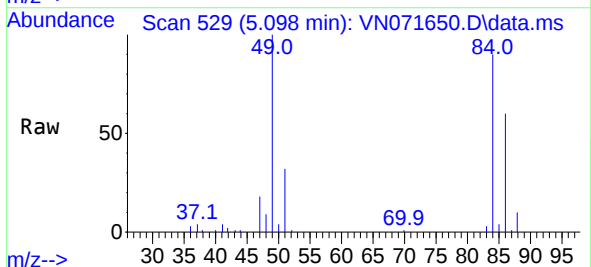
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

Tgt Ion: 73 Resp: 349316  
Ion Ratio Lower Upper  
73 100  
57 20.7 17.6 26.4



#20  
Methylene Chloride  
Concen: 18.372 ug/l  
RT: 5.098 min Scan# 529  
Delta R.T. 0.006 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 84 Resp: 112845  
Ion Ratio Lower Upper  
84 100  
49 110.8 88.3 132.5  
51 35.1 28.2 42.2  
86 66.0 50.6 76.0

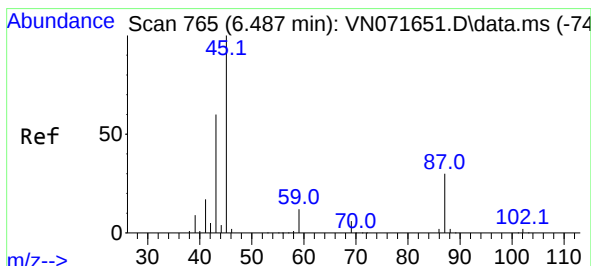
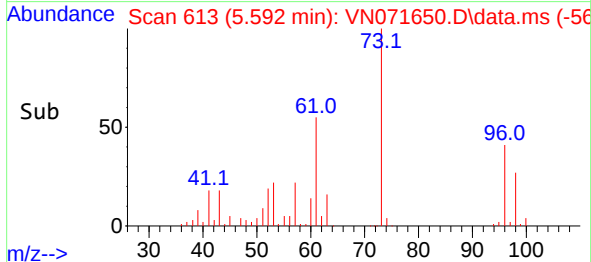
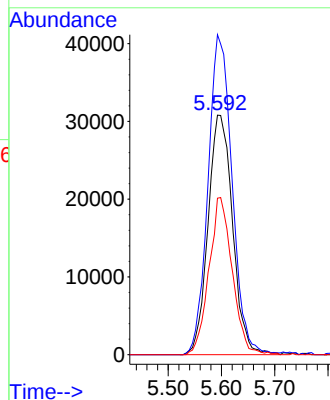
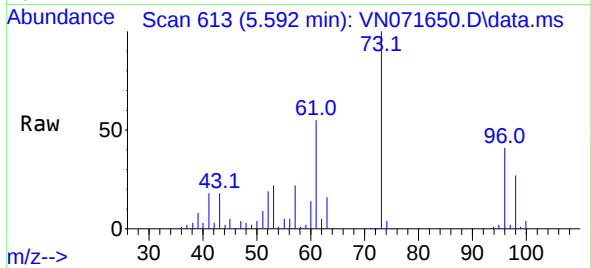




#21  
trans-1,2-Dichloroethene  
Concen: 18.265 ug/l  
RT: 5.592 min Scan# 614  
Delta R.T. -0.006 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

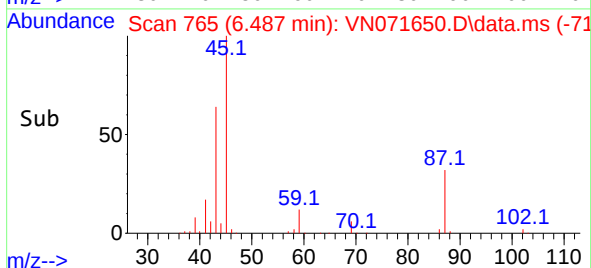
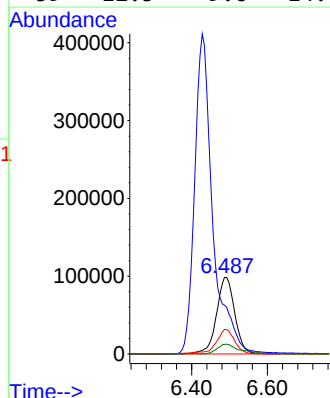
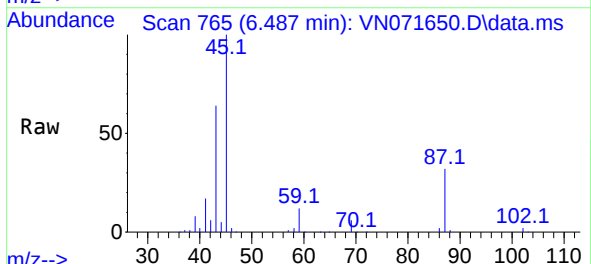
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

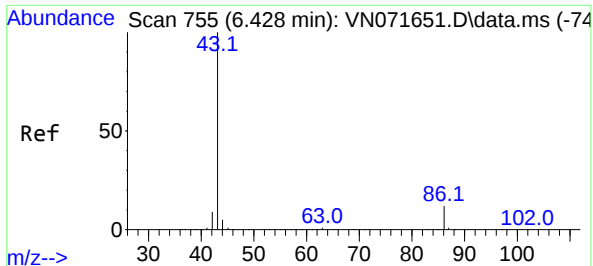
Tgt Ion: 96 Resp: 98697  
Ion Ratio Lower Upper  
96 100  
61 133.6 105.8 158.8  
98 65.3 50.3 75.5



#22  
Diisopropyl ether  
Concen: 19.144 ug/l  
RT: 6.487 min Scan# 765  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 45 Resp: 330986  
Ion Ratio Lower Upper  
45 100  
43 62.3 46.6 70.0  
87 31.7 24.3 36.5  
59 12.5 9.6 14.4

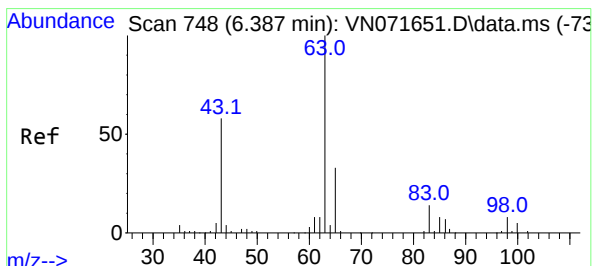
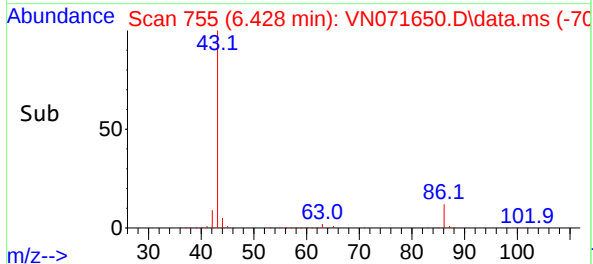
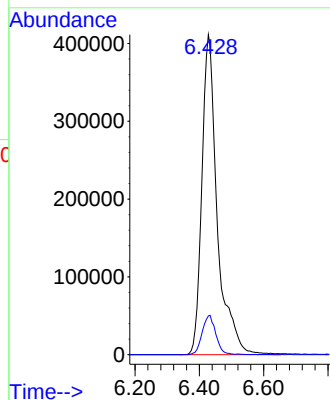
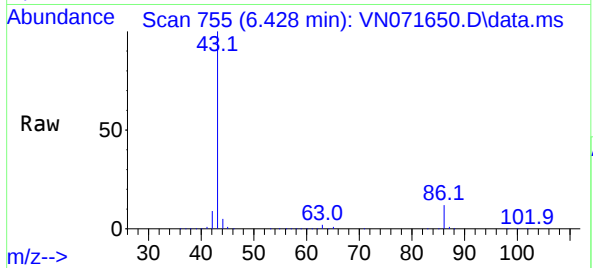




#23  
 Vinyl Acetate  
 Concen: 94.029 ug/l  
 RT: 6.428 min Scan# 755  
 Delta R.T. -0.000 min  
 Lab File: VN071650.D  
 Acq: 30 Mar 2022 11:15

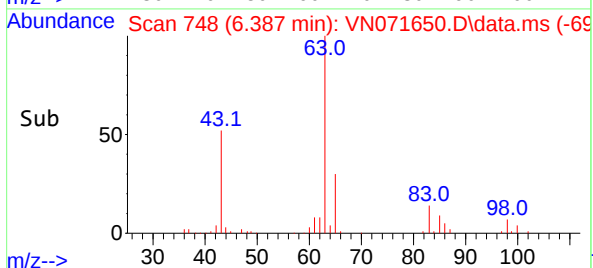
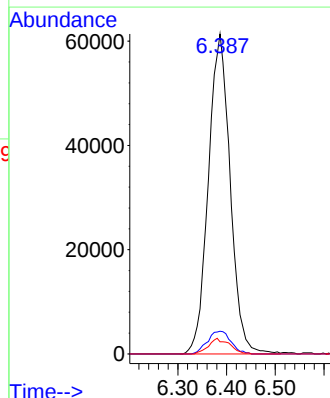
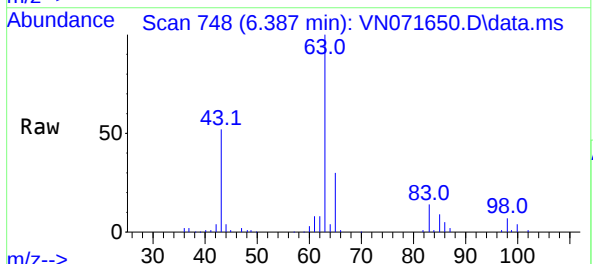
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

Tgt Ion: 43 Resp: 1369613  
 Ion Ratio Lower Upper  
 43 100  
 86 12.1 10.0 15.0



#24  
 1,1-Dichloroethane  
 Concen: 18.596 ug/l  
 RT: 6.387 min Scan# 748  
 Delta R.T. -0.000 min  
 Lab File: VN071650.D  
 Acq: 30 Mar 2022 11:15

Tgt Ion: 63 Resp: 191058  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.5 10.4  
 100 3.8 2.3 6.8





#25

2-Butanone

Concen: 91.729 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN071650.D

Acq: 30 Mar 2022 11:15

Instrument :

MSVOA\_N

ClientSampleId :

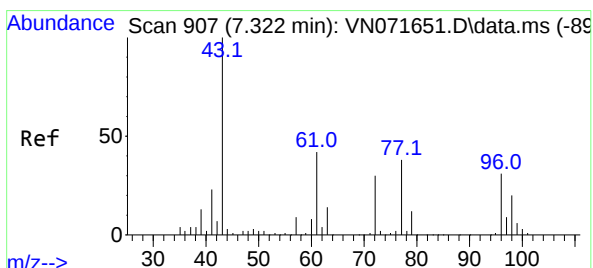
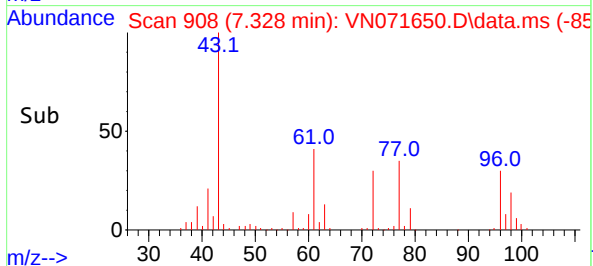
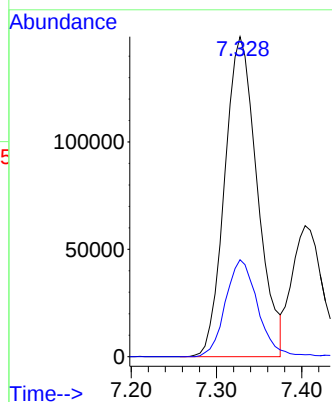
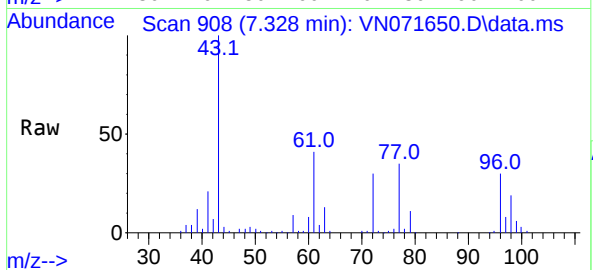
VSTDIC020

Tgt Ion: 43 Resp: 396621

Ion Ratio Lower Upper

43 100

72 30.3 23.7 35.5



#26

2,2-Dichloropropane

Concen: 18.710 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071650.D

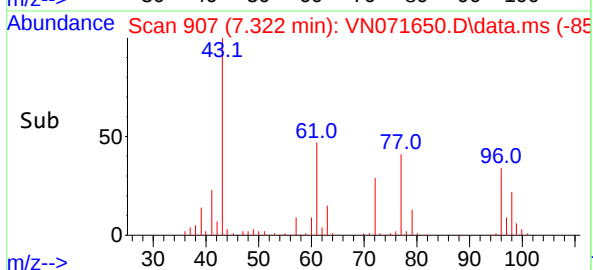
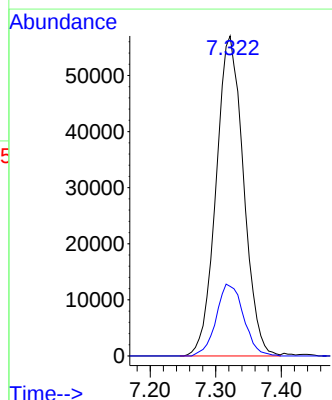
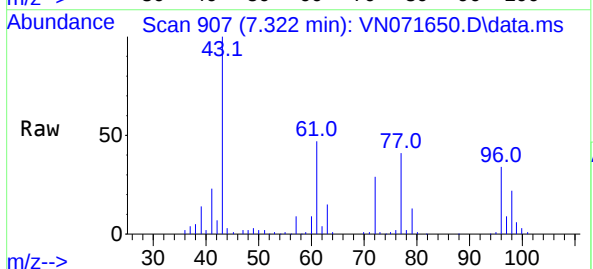
Acq: 30 Mar 2022 11:15

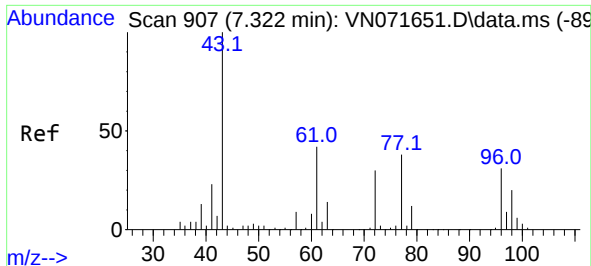
Tgt Ion: 77 Resp: 165262

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 18.729 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071650.D

Acq: 30 Mar 2022 11:15

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC020

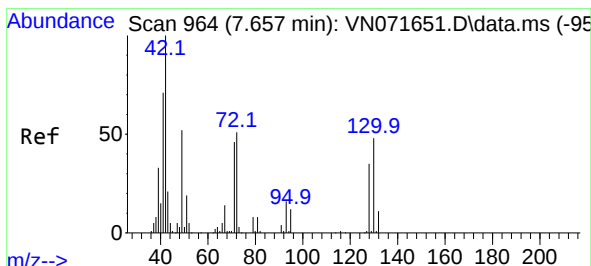
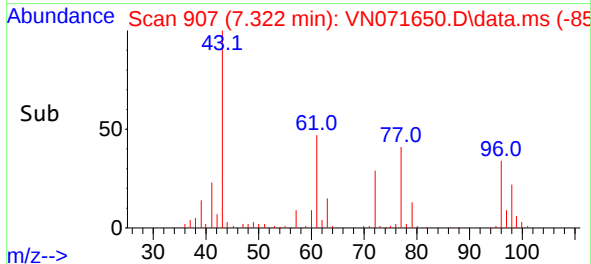
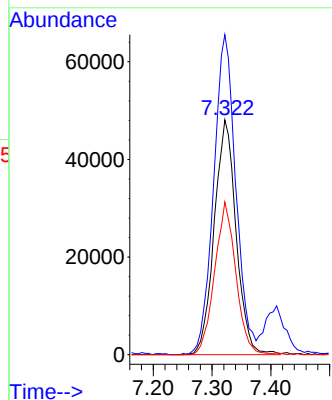
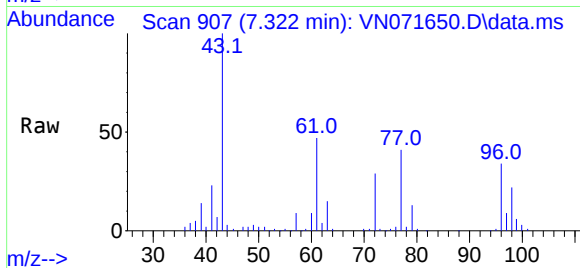
Tgt Ion: 96 Resp: 124655

Ion Ratio Lower Upper

96 100

61 137.9 0.0 280.6

98 63.0 0.0 128.4



#28

Bromochloromethane

Concen: 19.747 ug/l

RT: 7.657 min Scan# 964

Delta R.T. -0.000 min

Lab File: VN071650.D

Acq: 30 Mar 2022 11:15

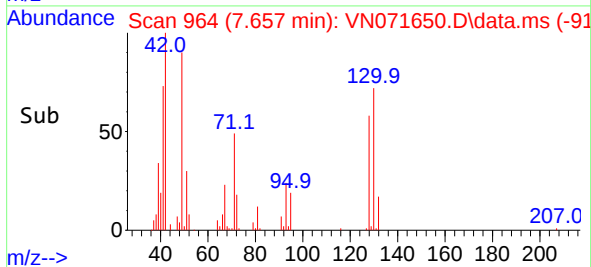
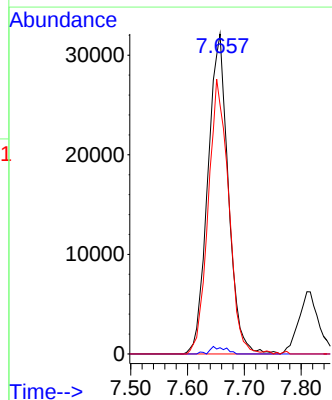
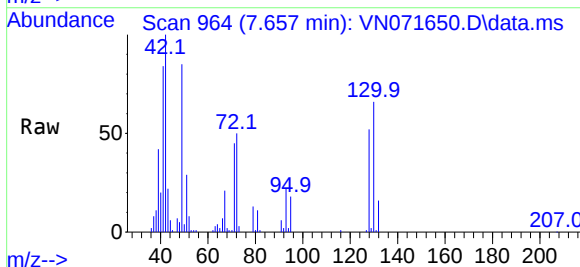
Tgt Ion: 49 Resp: 80371

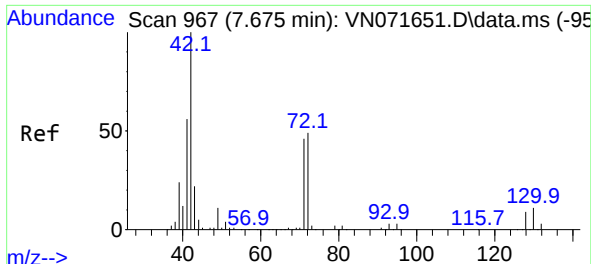
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

130 85.4 69.7 104.5





#29

Tetrahydrofuran

Concen: 93.344 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN071650.D

Acq: 30 Mar 2022 11:15

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC020

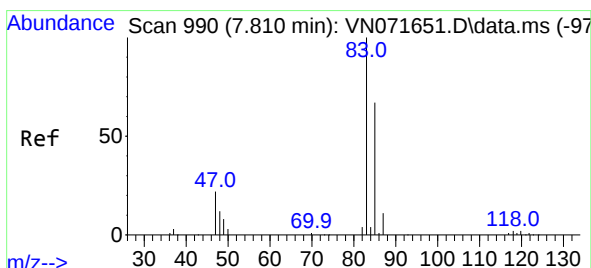
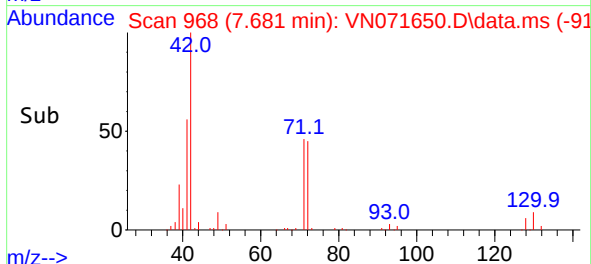
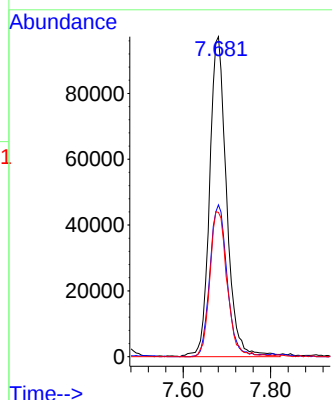
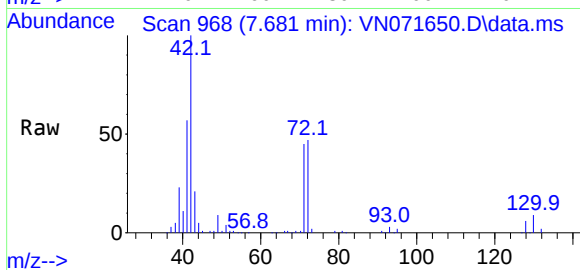
Tgt Ion: 42 Resp: 262523

Ion Ratio Lower Upper

42 100

72 48.2 39.7 59.5

71 46.0 36.6 55.0



#30

Chloroform

Concen: 18.918 ug/l

RT: 7.810 min Scan# 990

Delta R.T. -0.000 min

Lab File: VN071650.D

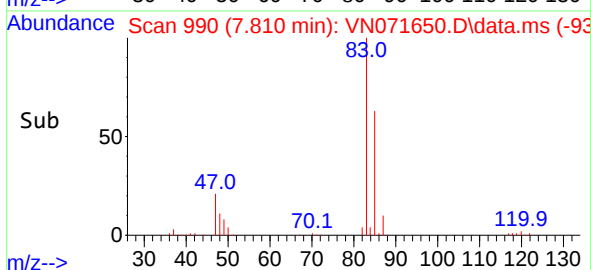
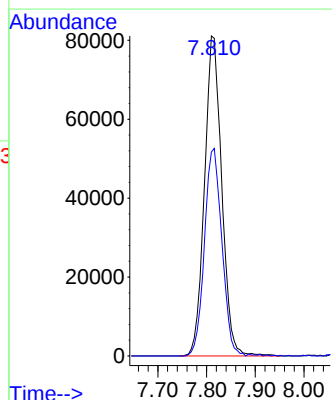
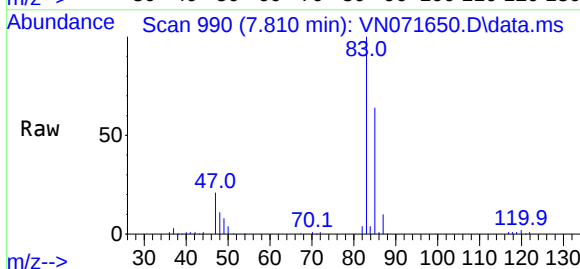
Acq: 30 Mar 2022 11:15

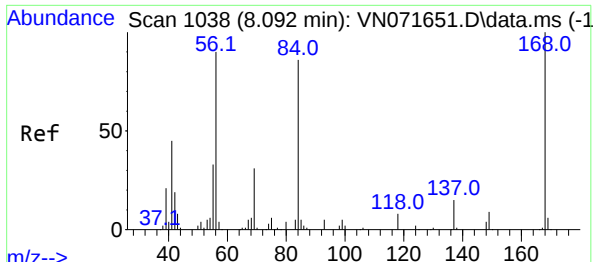
Tgt Ion: 83 Resp: 199520

Ion Ratio Lower Upper

83 100

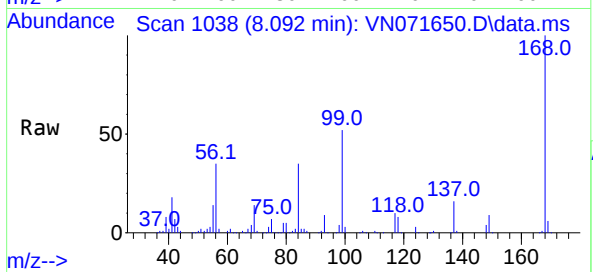
85 63.8 51.8 77.8



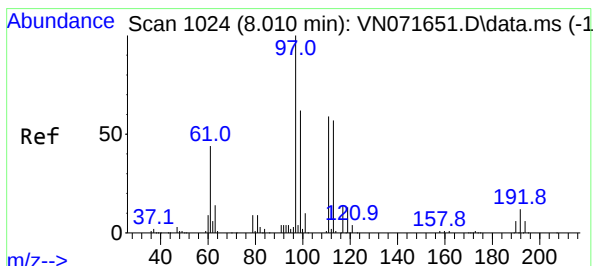
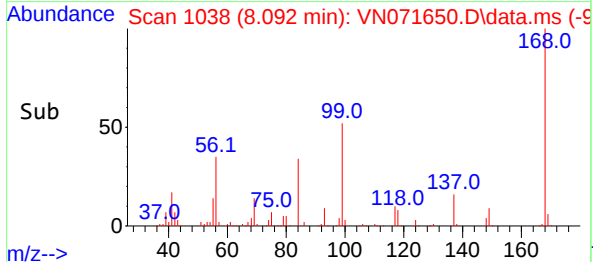
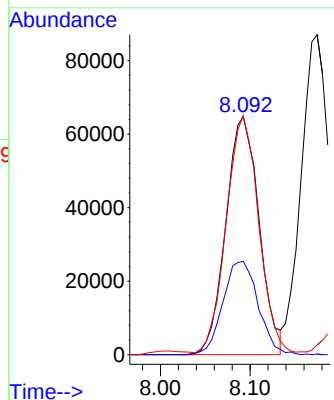


#31  
Cyclohexane  
Concen: 17.749 ug/l  
RT: 8.092 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

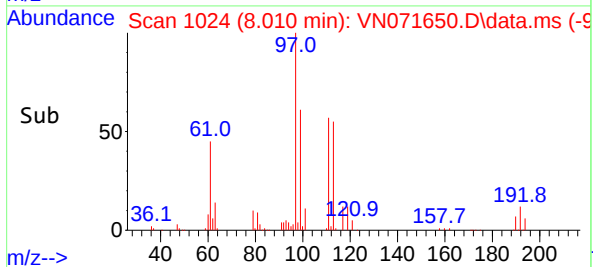
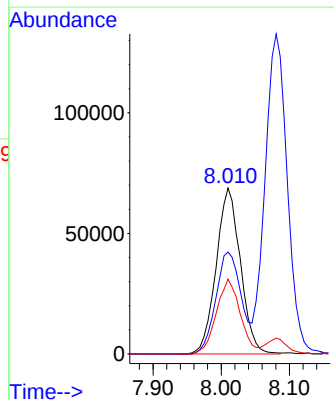
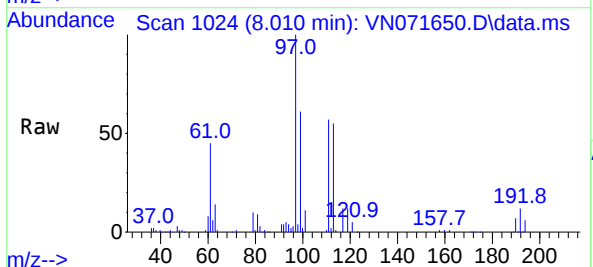


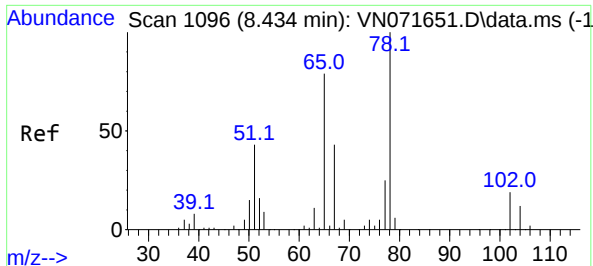
Tgt Ion: 56 Resp: 166683  
Ion Ratio Lower Upper  
56 100  
69 38.9 27.8 41.8  
84 99.2 76.9 115.3



#32  
1,1,1-Trichloroethane  
Concen: 18.652 ug/l  
RT: 8.010 min Scan# 1024  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 97 Resp: 170320  
Ion Ratio Lower Upper  
97 100  
99 65.2 50.6 76.0  
61 44.6 36.0 54.0

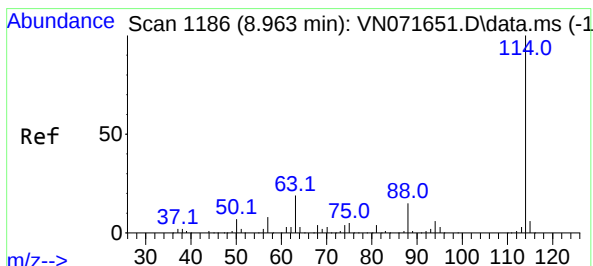
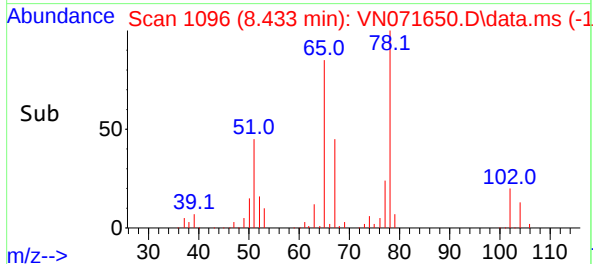
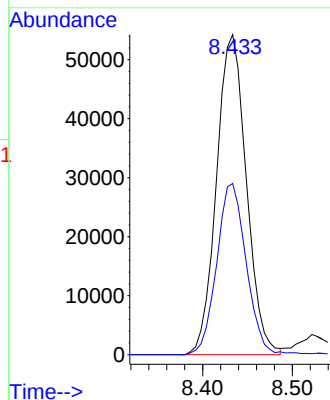
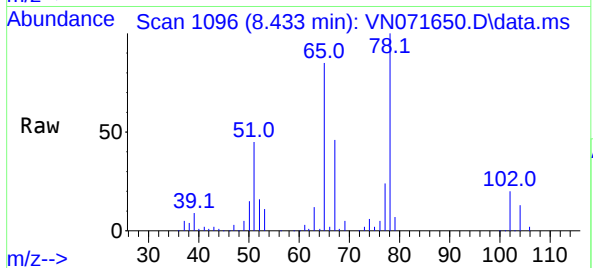




#33  
1,2-Dichloroethane-d4  
Concen: 18.623 ug/l  
RT: 8.433 min Scan# 1096  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

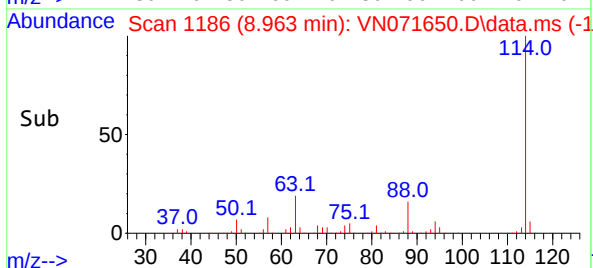
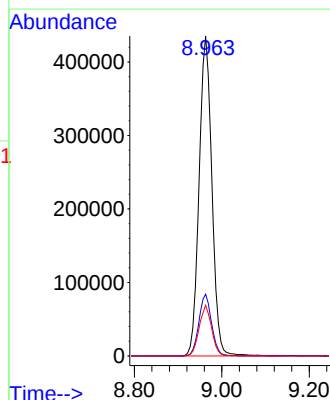
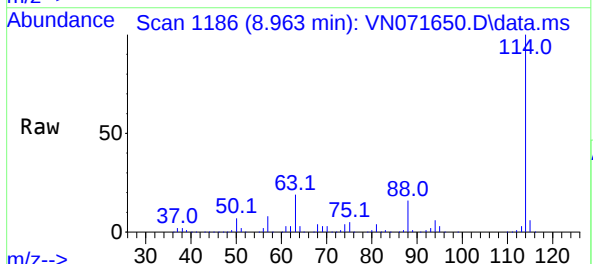
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

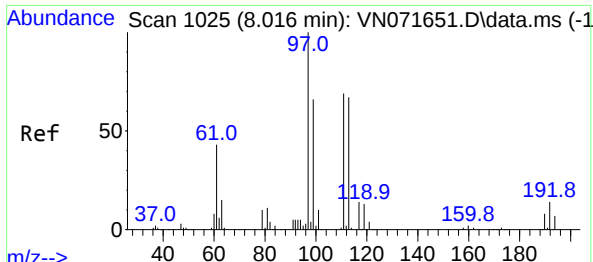
Tgt Ion: 65 Resp: 125230  
Ion Ratio Lower Upper  
65 100  
67 53.0 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 114 Resp: 887511  
Ion Ratio Lower Upper  
114 100  
63 19.3 0.0 40.0  
88 15.8 0.0 32.6

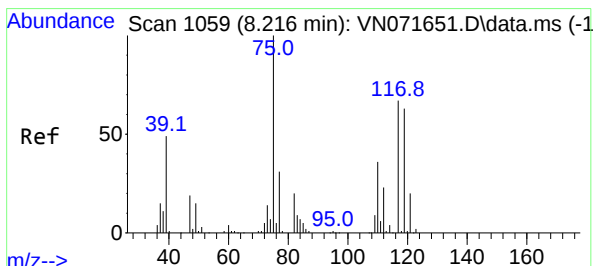
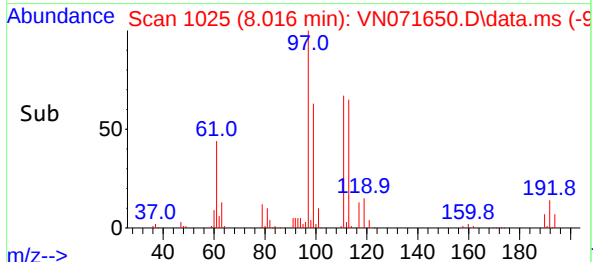
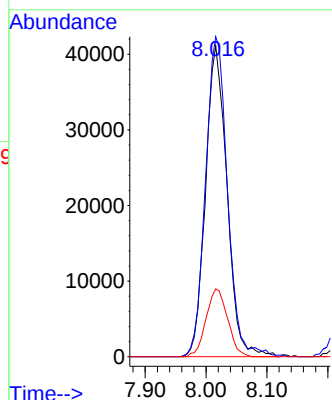
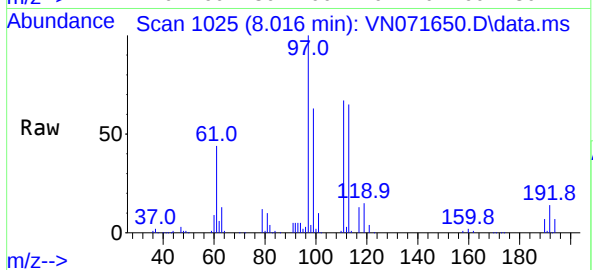




#35  
Dibromofluoromethane  
Concen: 18.596 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

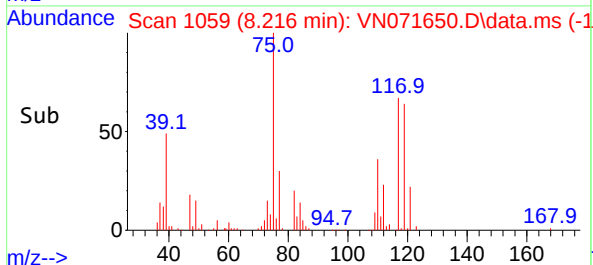
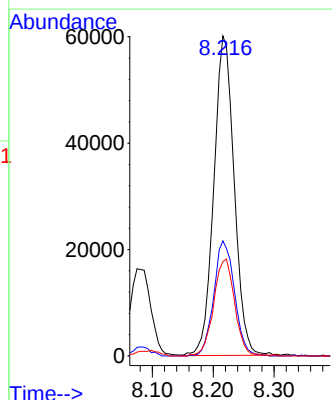
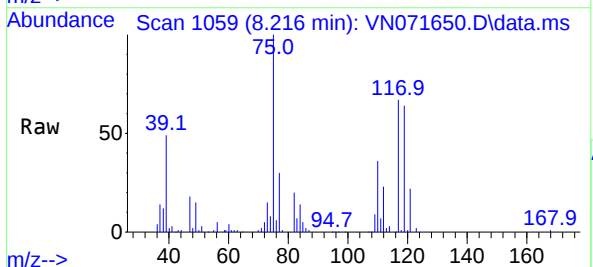
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

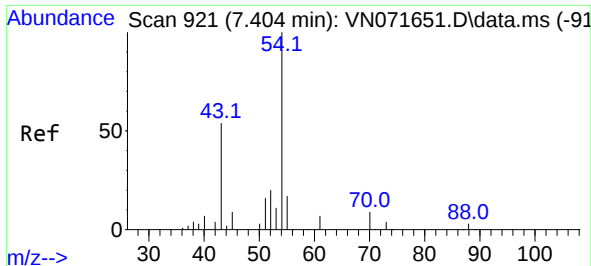
Tgt Ion:113 Resp: 100473  
Ion Ratio Lower Upper  
113 100  
111 105.6 81.4 122.0  
192 21.9 17.0 25.6



#36  
1,1-Dichloropropene  
Concen: 17.883 ug/l  
RT: 8.216 min Scan# 1059  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 75 Resp: 139462  
Ion Ratio Lower Upper  
75 100  
110 36.7 18.3 54.8  
77 31.4 25.1 37.7



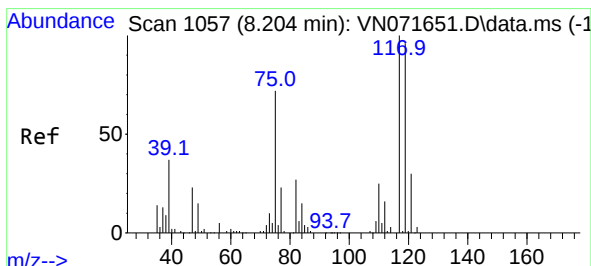
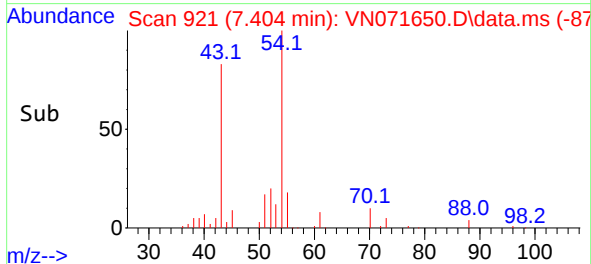
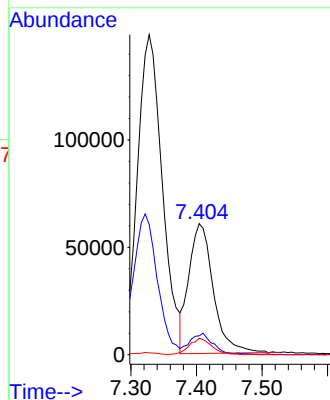
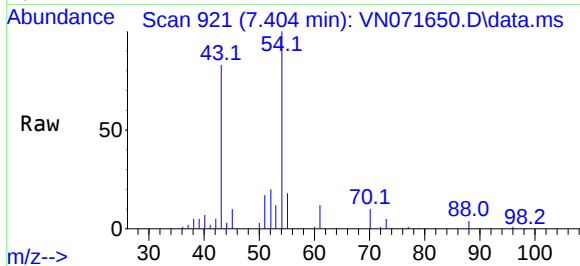


#37  
Ethyl Acetate  
Concen: 18.260 ug/l  
RT: 7.404 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

Tgt Ion: 43 Resp: 156807

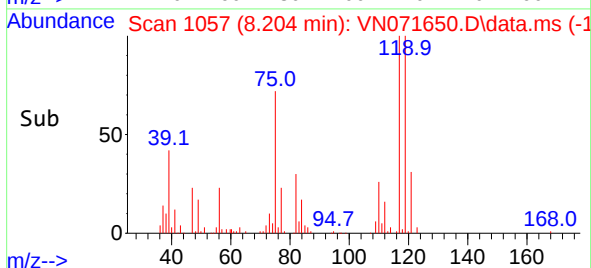
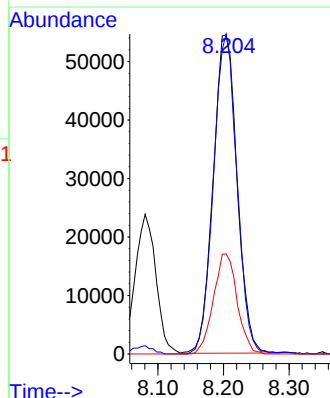
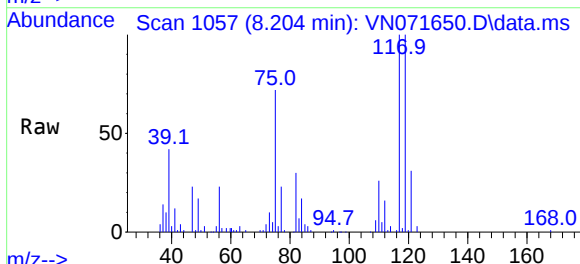
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 15.4  | 11.8  | 17.6  |
| 70  | 11.6  | 9.3   | 13.9  |

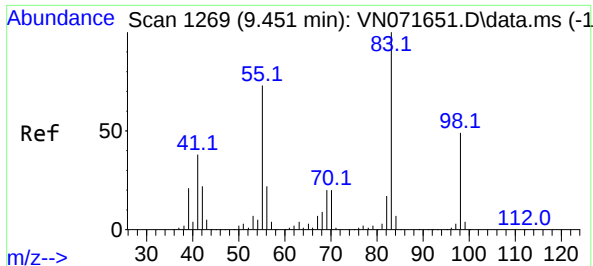


#38  
Carbon Tetrachloride  
Concen: 17.888 ug/l  
RT: 8.204 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 117 Resp: 137923

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 100.6 | 75.8  | 113.8 |
| 121 | 31.4  | 24.6  | 37.0  |

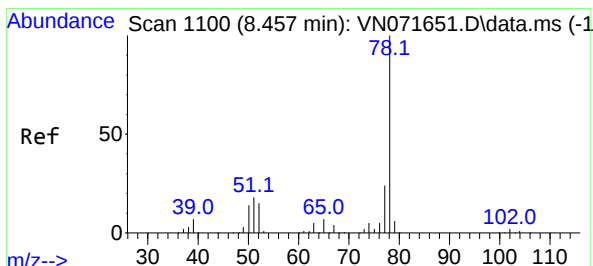
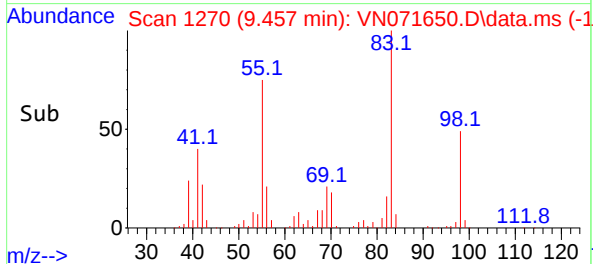
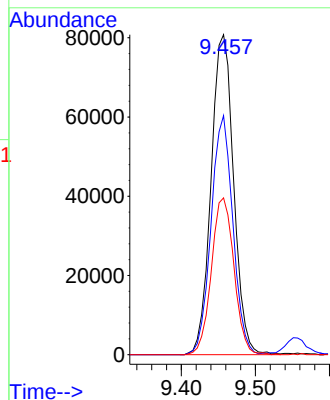
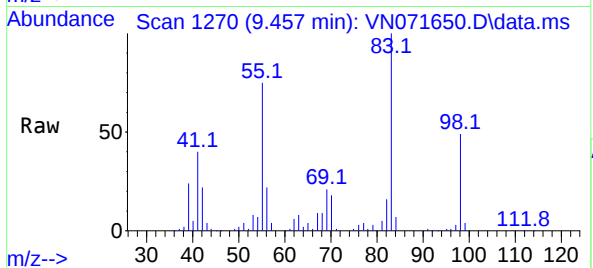




#39  
Methylcyclohexane  
Concen: 17.776 ug/l  
RT: 9.457 min Scan# 1100  
Delta R.T. 0.006 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

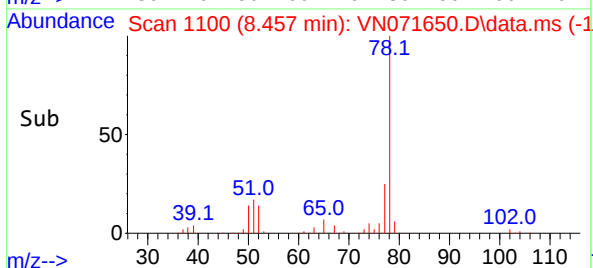
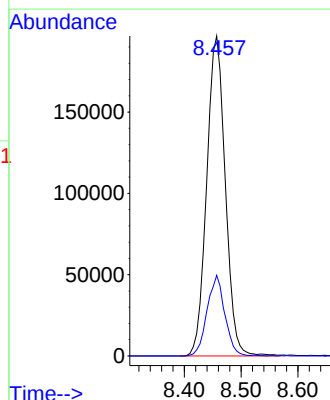
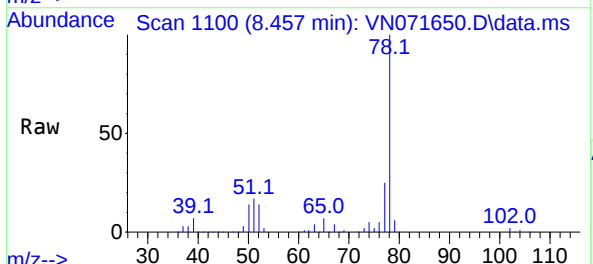
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

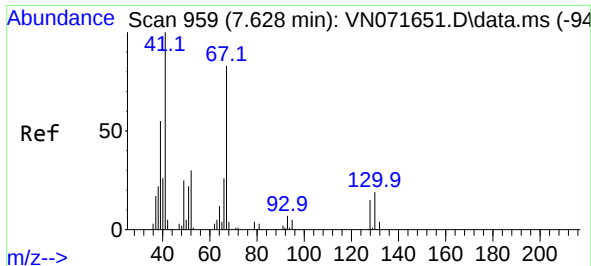
Tgt Ion: 83 Resp: 170940  
Ion Ratio Lower Upper  
83 100  
55 74.7 57.8 86.8  
98 49.0 39.4 59.2



#40  
Benzene  
Concen: 18.656 ug/l  
RT: 8.457 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 78 Resp: 446795  
Ion Ratio Lower Upper  
78 100  
77 25.2 19.4 29.0

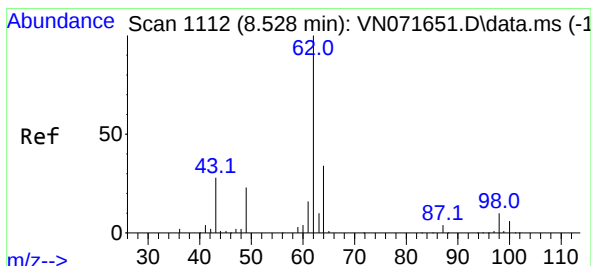
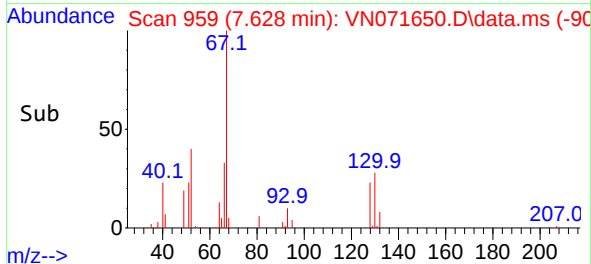
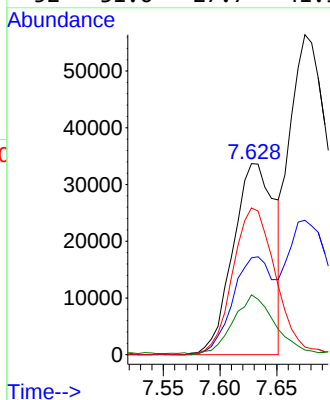
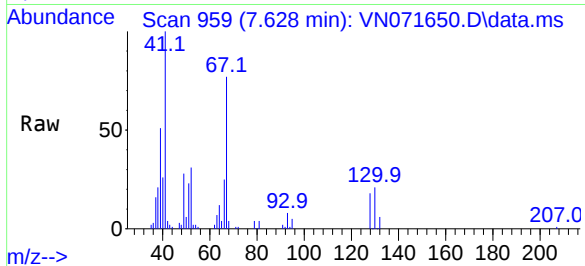




#41  
Methacrylonitrile  
Concen: 20.758 ug/l  
RT: 7.628 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

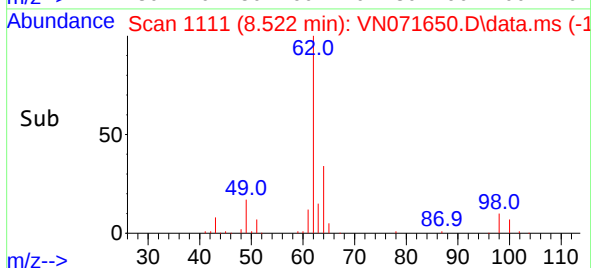
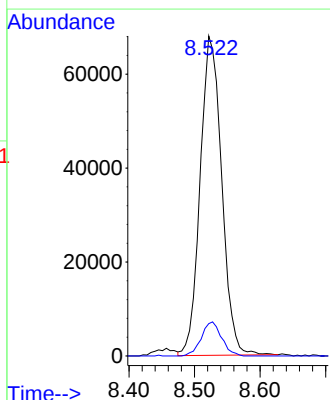
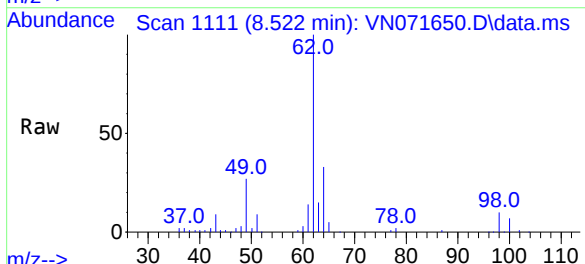
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

Tgt Ion: 41 Resp: 86325  
Ion Ratio Lower Upper  
41 100  
39 45.9 48.6 73.0#  
67 79.0 73.4 110.2  
52 31.6 27.7 41.5



#42  
1,2-Dichloroethane  
Concen: 18.770 ug/l  
RT: 8.522 min Scan# 1111  
Delta R.T. -0.006 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 62 Resp: 155324  
Ion Ratio Lower Upper  
62 100  
98 10.1 0.0 19.4





#43

Isopropyl Acetate

Concen: 16.422 ug/l

RT: 8.557 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN071650.D

Acq: 30 Mar 2022 11:15

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC020

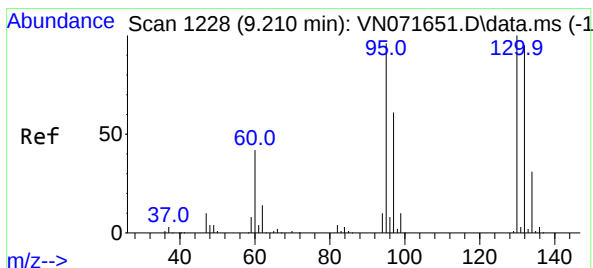
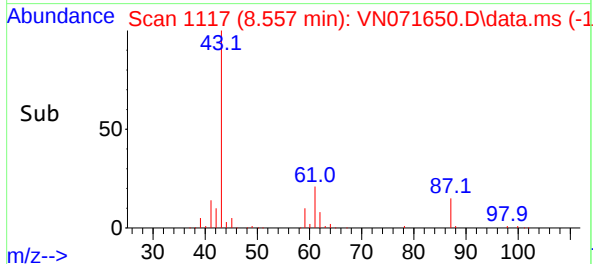
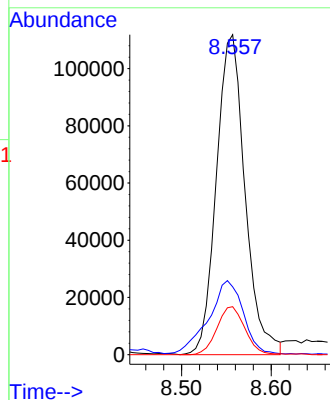
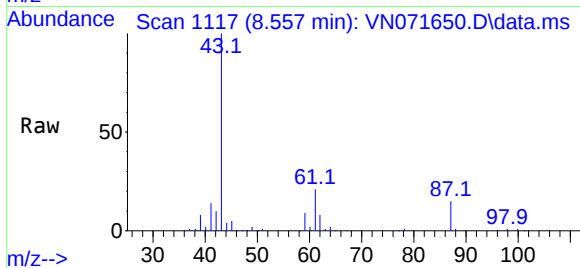
Tgt Ion: 43 Resp: 248109

Ion Ratio Lower Upper

43 100

61 27.9 21.9 32.9

87 14.7 12.0 18.0



#44

Trichloroethene

Concen: 18.463 ug/l

RT: 9.210 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VN071650.D

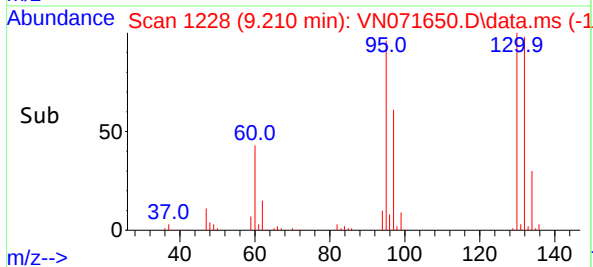
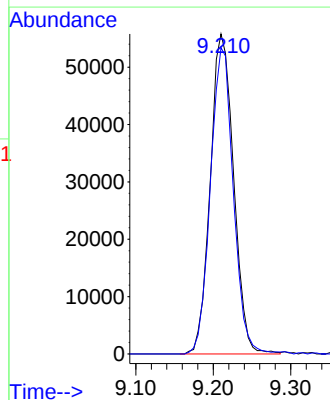
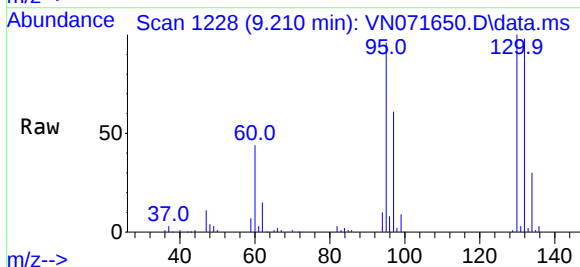
Acq: 30 Mar 2022 11:15

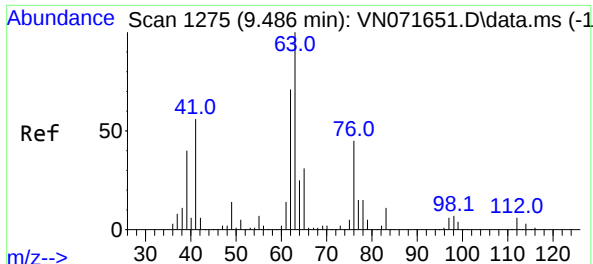
Tgt Ion:130 Resp: 116532

Ion Ratio Lower Upper

130 100

95 95.7 0.0 186.8

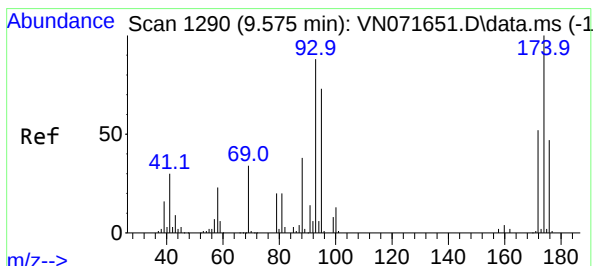
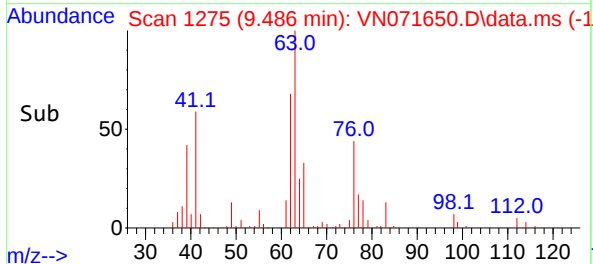
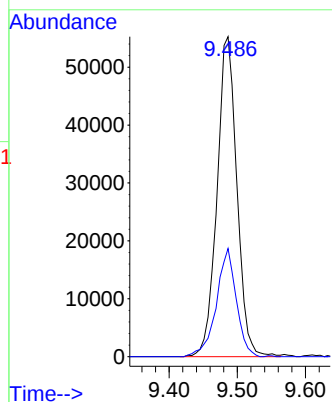
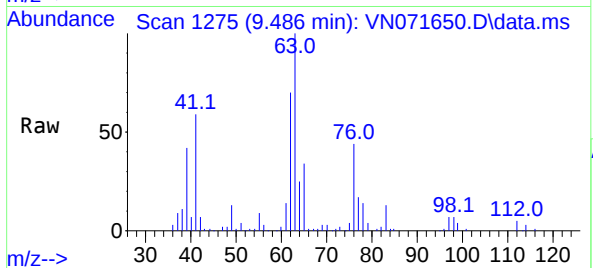




#45  
1,2-Dichloropropane  
Concen: 18.977 ug/l  
RT: 9.486 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

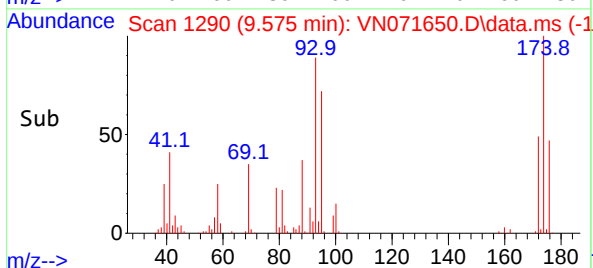
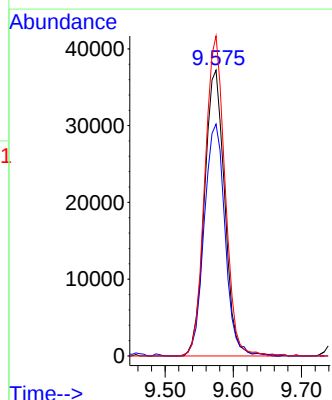
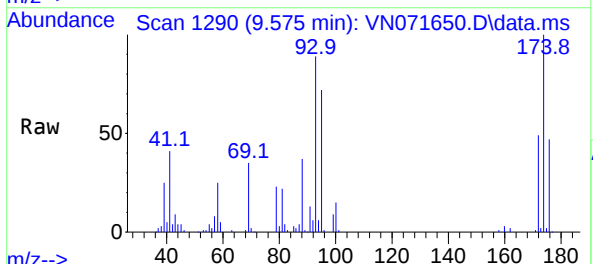
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

Tgt Ion: 63 Resp: 112231  
Ion Ratio Lower Upper  
63 100  
65 33.8 24.9 37.3



#46  
Dibromomethane  
Concen: 18.975 ug/l  
RT: 9.575 min Scan# 1290  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 93 Resp: 76744  
Ion Ratio Lower Upper  
93 100  
95 83.8 66.9 100.3  
174 111.5 86.6 130.0

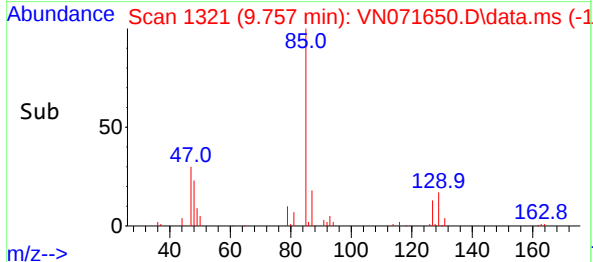
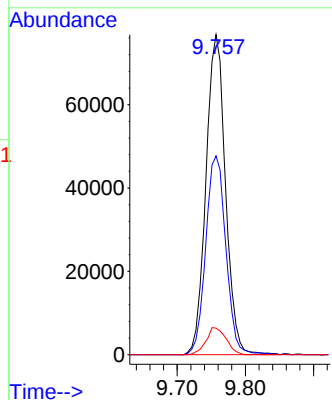
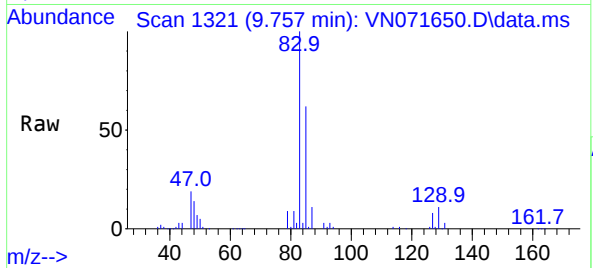




#47  
Bromodichloromethane  
Concen: 19.218 ug/l  
RT: 9.757 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

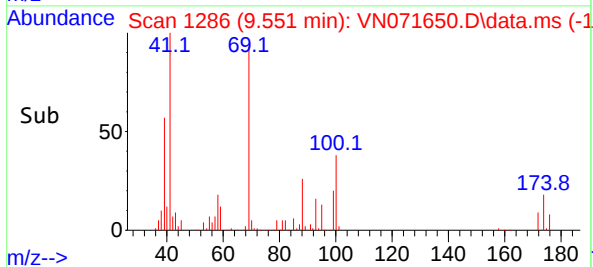
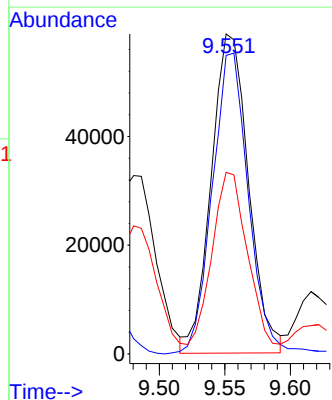
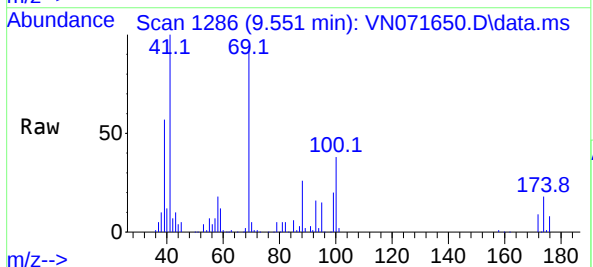
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

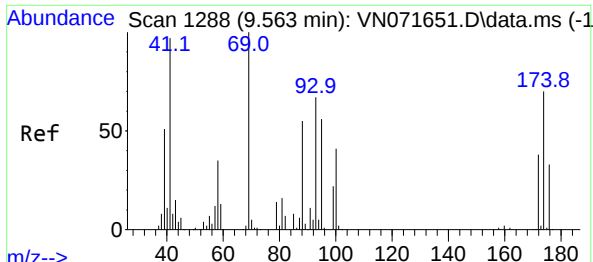
Tgt Ion: 83 Resp: 153207  
Ion Ratio Lower Upper  
83 100  
85 62.1 50.5 75.7  
127 8.3 6.8 10.2



#48  
Methyl methacrylate  
Concen: 19.069 ug/l  
RT: 9.551 min Scan# 1286  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 41 Resp: 116135  
Ion Ratio Lower Upper  
41 100  
69 92.5 74.7 112.1  
39 55.2 45.6 68.4

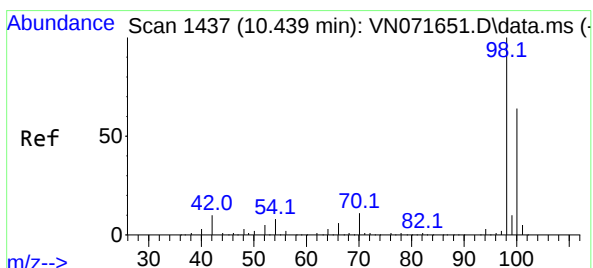
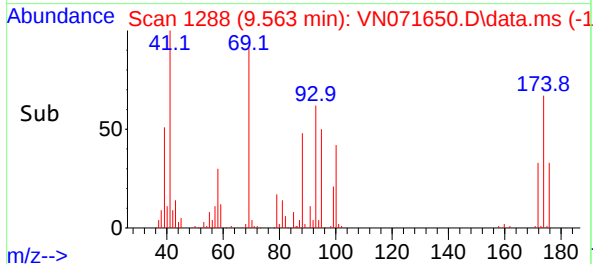
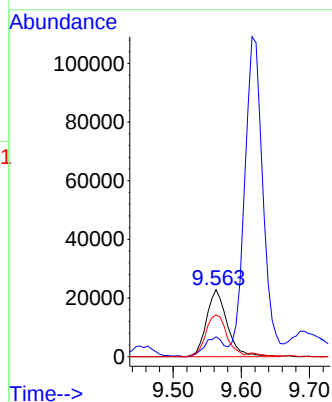
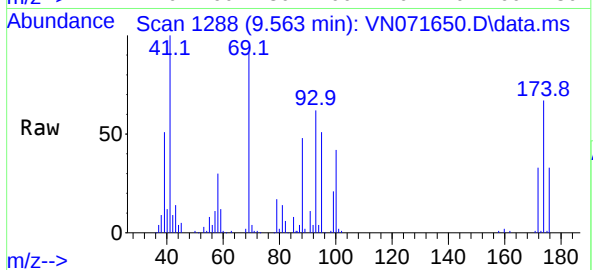




#49  
1,4-Dioxane  
Concen: 355.743 ug/l  
RT: 9.563 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

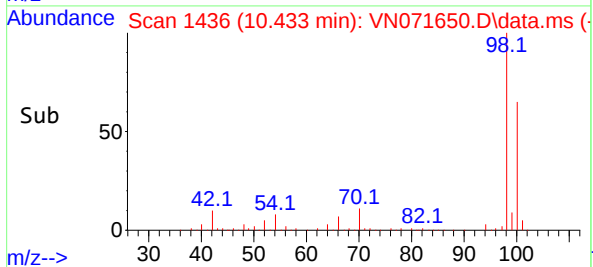
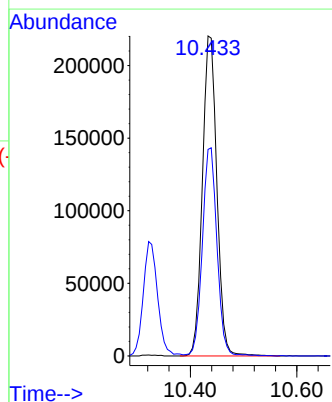
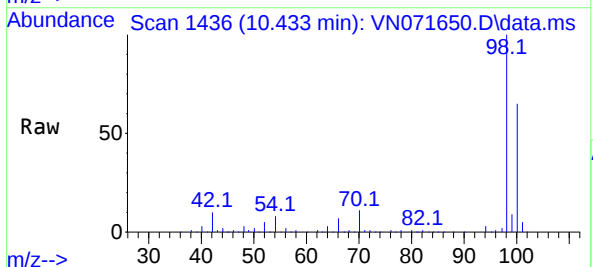
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

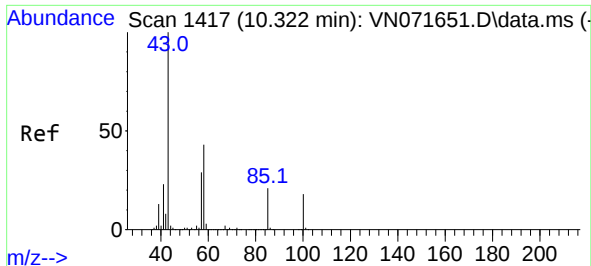
Tgt Ion: 88 Resp: 48302  
Ion Ratio Lower Upper  
88 100  
43 27.7 20.2 30.4  
58 63.6 54.2 81.4



#50  
Toluene-d8  
Concen: 18.618 ug/l  
RT: 10.433 min Scan# 1436  
Delta R.T. -0.006 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 98 Resp: 415036  
Ion Ratio Lower Upper  
98 100  
100 65.7 52.6 78.8

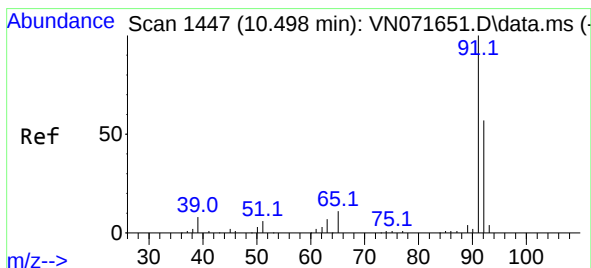
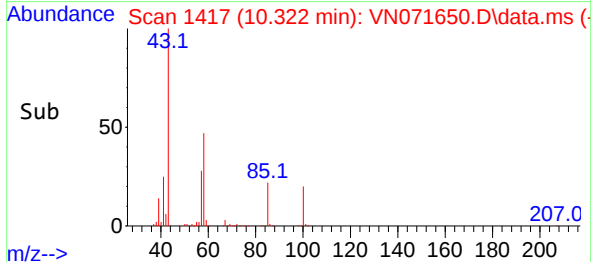
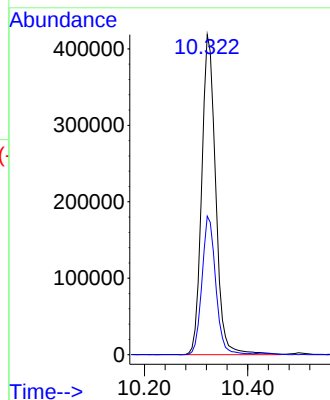
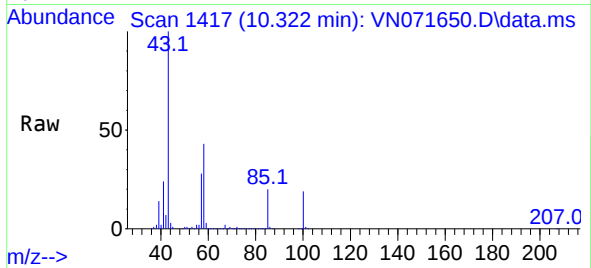




#51  
4-Methyl-2-Pentanone  
Concen: 93.839 ug/l  
RT: 10.322 min Scan# 1417  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

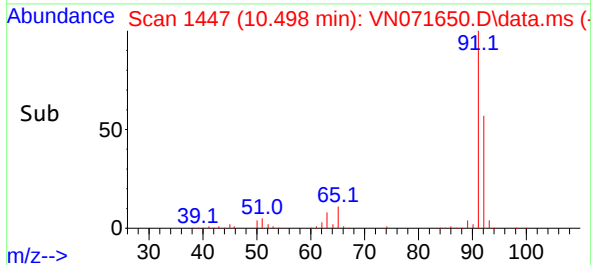
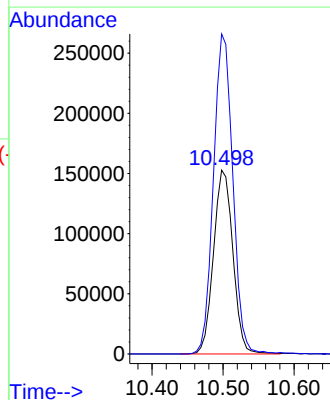
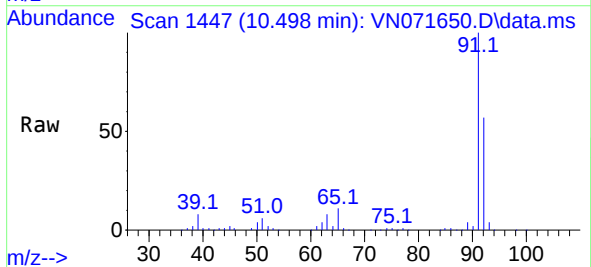
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

Tgt Ion: 43 Resp: 786193  
Ion Ratio Lower Upper  
43 100  
58 42.7 34.1 51.1



#52  
Toluene  
Concen: 18.759 ug/l  
RT: 10.498 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 92 Resp: 289577  
Ion Ratio Lower Upper  
92 100  
91 173.2 138.6 207.8

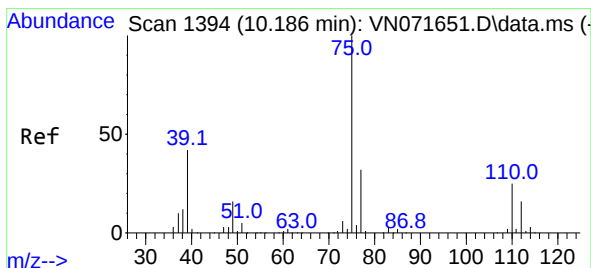
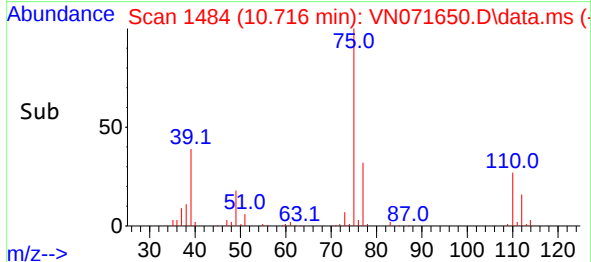
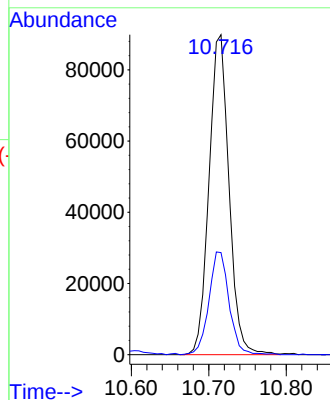
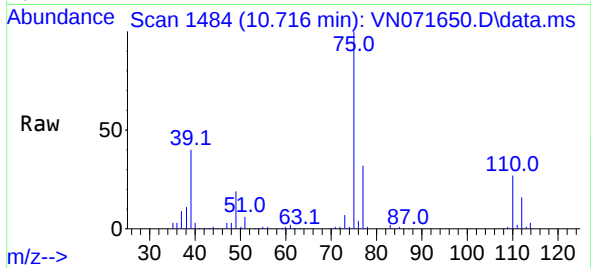




#53  
 t-1,3-Dichloropropene  
 Concen: 18.561 ug/l  
 RT: 10.716 min Scan# 1483  
 Delta R.T. 0.006 min  
 Lab File: VN071650.D  
 Acq: 30 Mar 2022 11:15

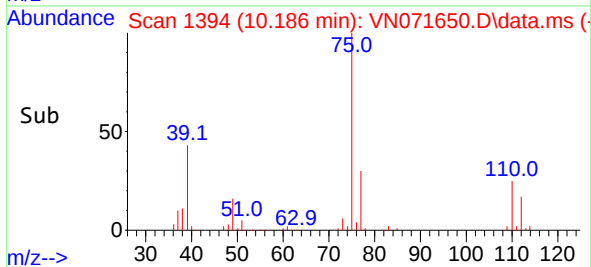
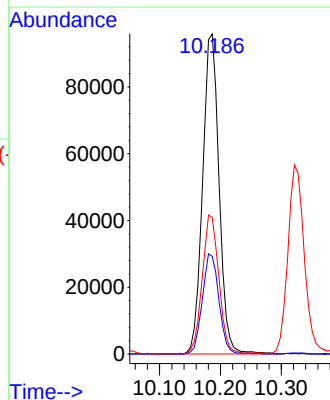
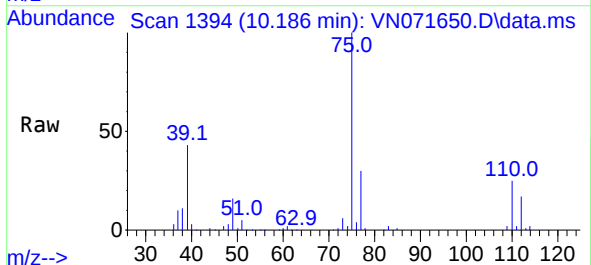
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

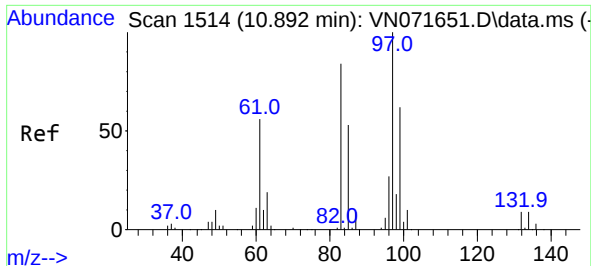
Tgt Ion: 75 Resp: 160958  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.078 ug/l  
 RT: 10.186 min Scan# 1394  
 Delta R.T. -0.000 min  
 Lab File: VN071650.D  
 Acq: 30 Mar 2022 11:15

Tgt Ion: 75 Resp: 179876  
 Ion Ratio Lower Upper  
 75 100  
 77 30.5 25.2 37.8  
 39 42.5 35.7 53.5



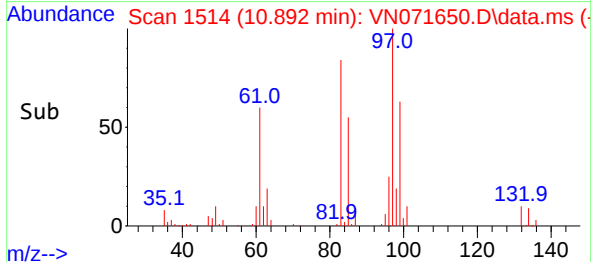
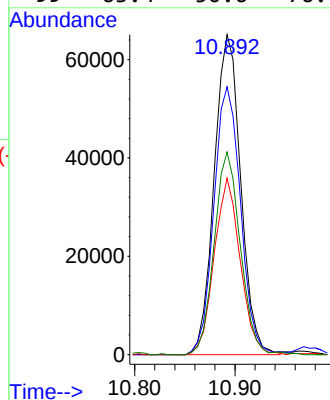
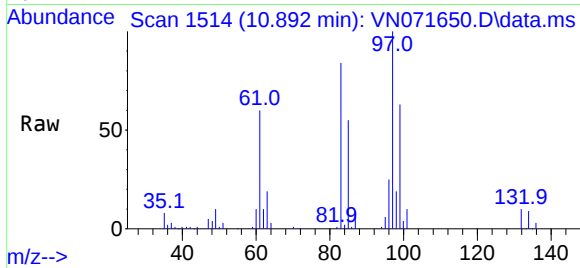


#55  
1,1,2-Trichloroethane  
Concen: 19.088 ug/l  
RT: 10.892 min Scan# 118998  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

Tgt Ion: 97 Resp: 118998

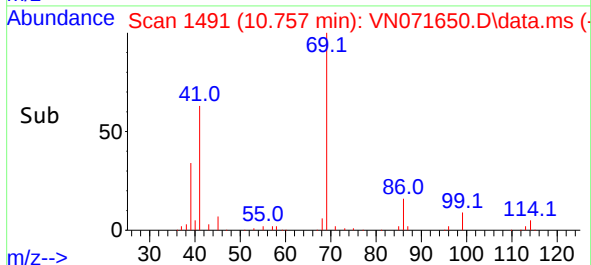
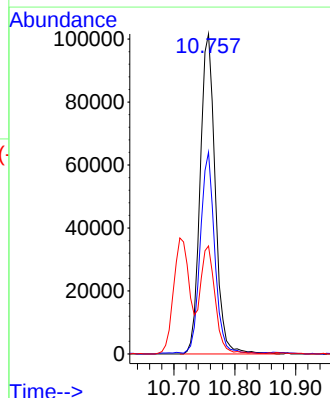
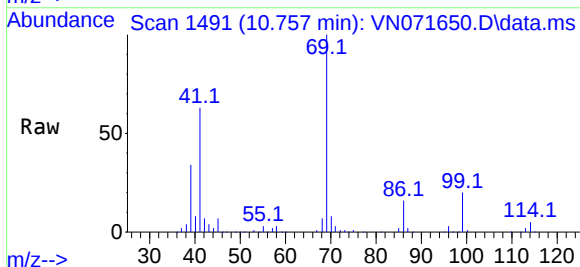
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 83.7  | 66.2  | 99.4  |
| 85  | 55.1  | 43.9  | 65.9  |
| 99  | 63.4  | 50.6  | 76.0  |

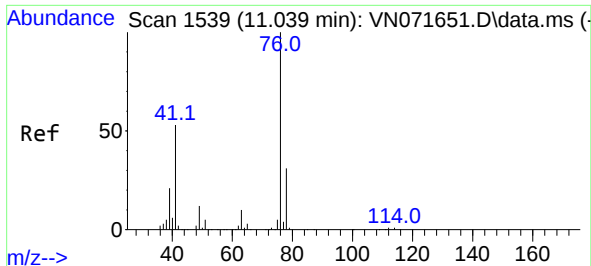


#56  
Ethyl methacrylate  
Concen: 18.759 ug/l  
RT: 10.757 min Scan# 1491  
Delta R.T. 0.006 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 69 Resp: 174169

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 61.6  | 47.8  | 71.6  |
| 39  | 33.1  | 27.3  | 40.9  |





#57

1,3-Dichloropropane

Concen: 19.039 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN071650.D

Acq: 30 Mar 2022 11:15

Instrument :

MSVOA\_N

ClientSampleId :

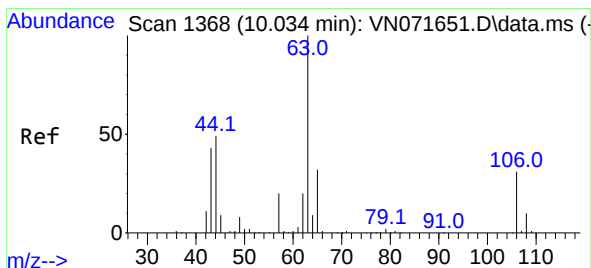
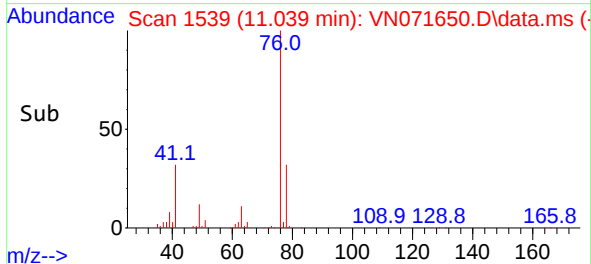
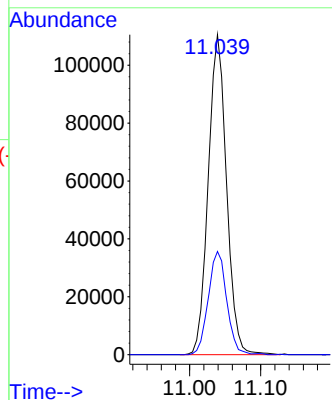
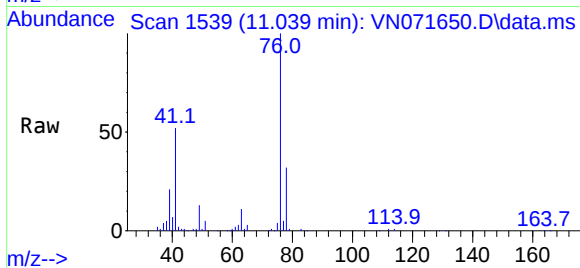
VSTDICC020

Tgt Ion: 76 Resp: 197836

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 83.958 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VN071650.D

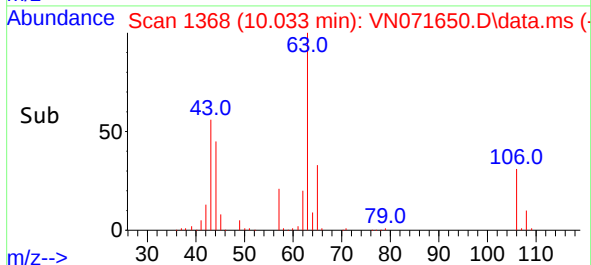
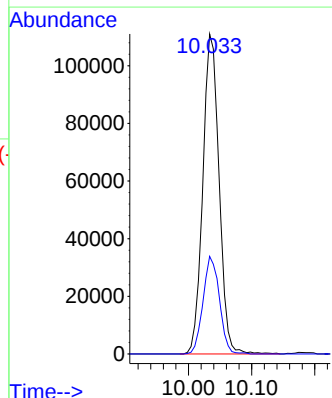
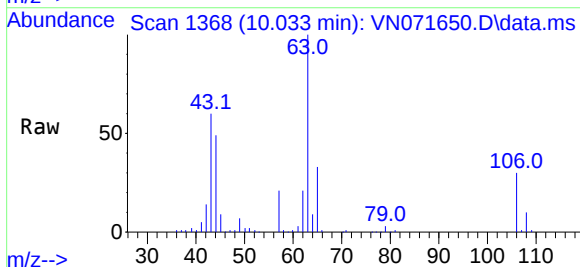
Acq: 30 Mar 2022 11:15

Tgt Ion: 63 Resp: 198657

Ion Ratio Lower Upper

63 100

106 30.6 24.6 36.8

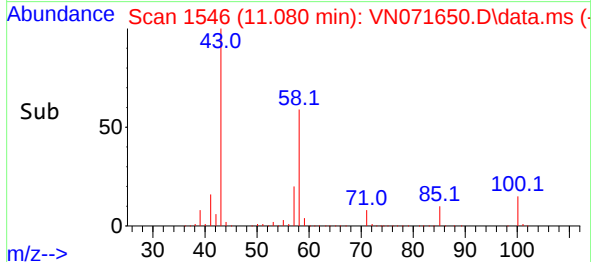
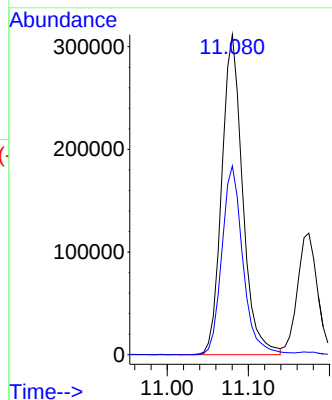
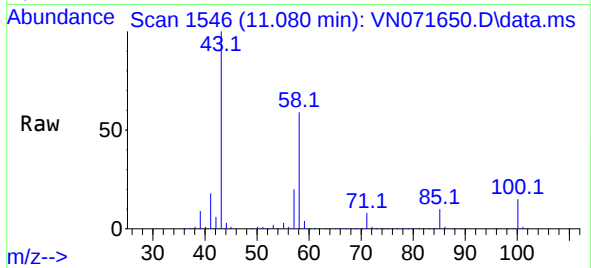




#59  
2-Hexanone  
Concen: 93.114 ug/l  
RT: 11.080 min Scan# 1546  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

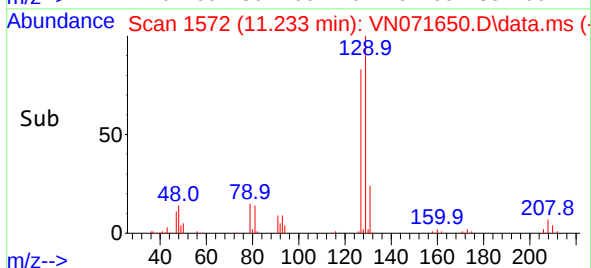
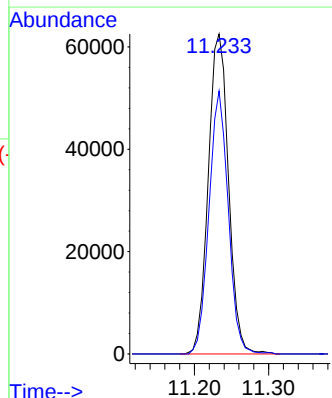
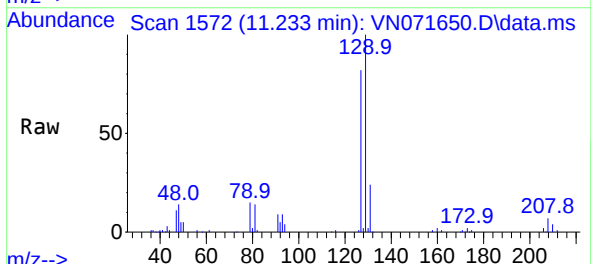
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

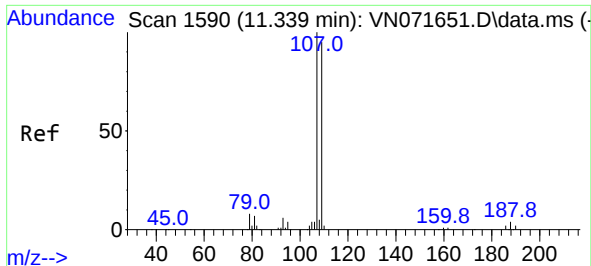
Tgt Ion: 43 Resp: 557381  
Ion Ratio Lower Upper  
43 100  
58 59.5 29.7 89.1



#60  
Dibromochloromethane  
Concen: 19.063 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 129 Resp: 118831  
Ion Ratio Lower Upper  
129 100  
127 78.2 38.8 116.4

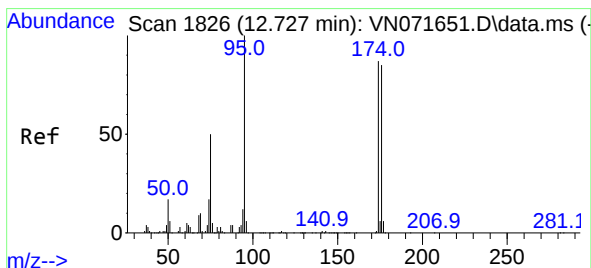
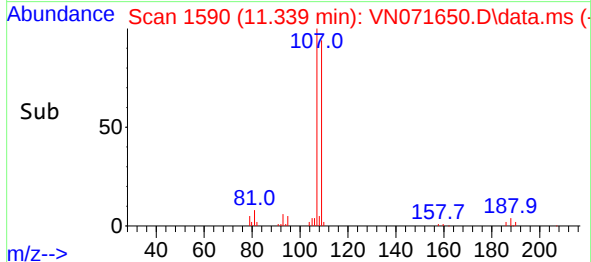
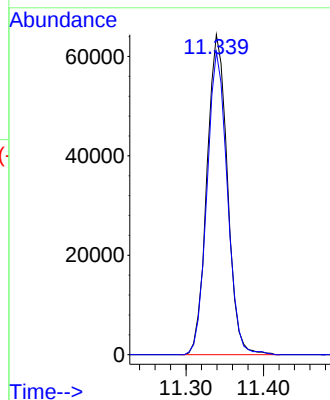
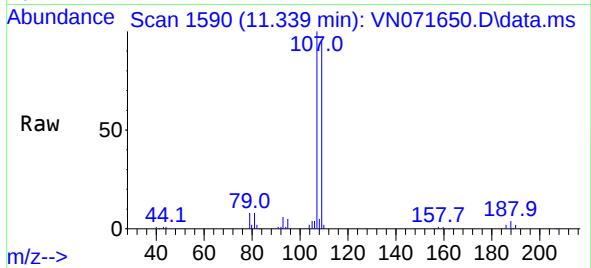




#61  
1,2-Dibromoethane  
Concen: 18.764 ug/l  
RT: 11.339 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

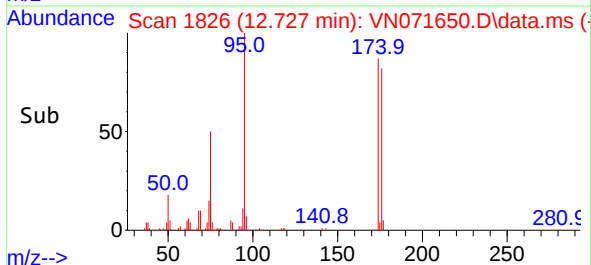
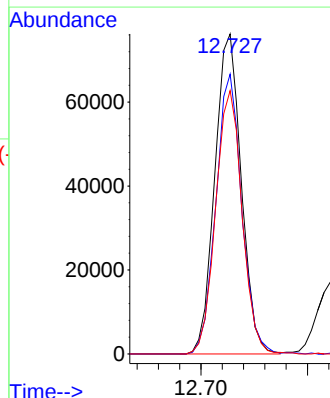
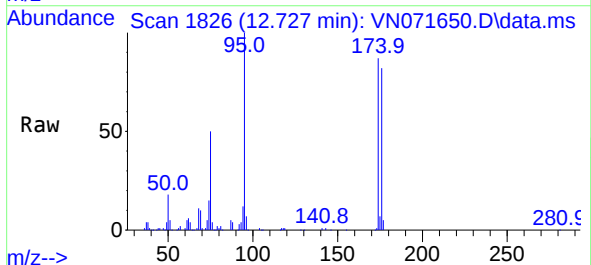
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

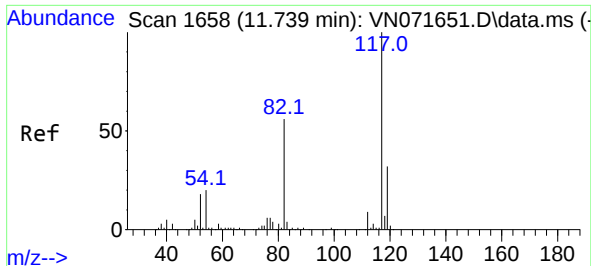
Tgt Ion:107 Resp: 117966  
Ion Ratio Lower Upper  
107 100  
109 94.3 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 17.986 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 95 Resp: 131133  
Ion Ratio Lower Upper  
95 100  
174 85.7 0.0 167.6  
176 82.3 0.0 163.4

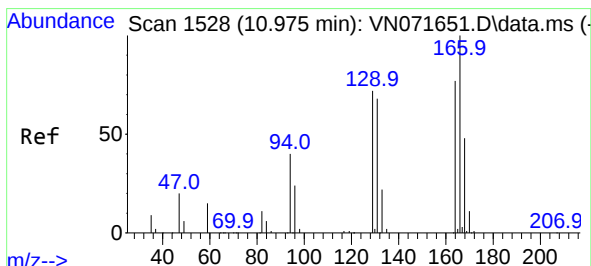
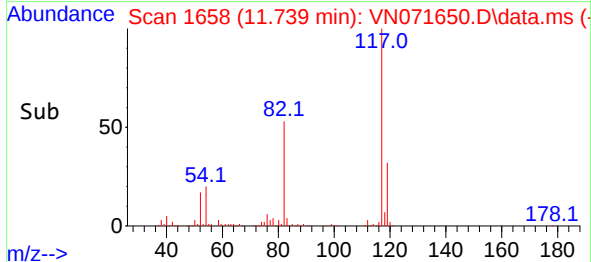
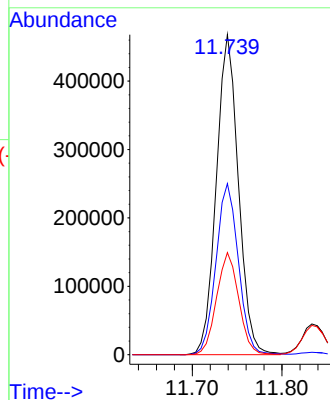
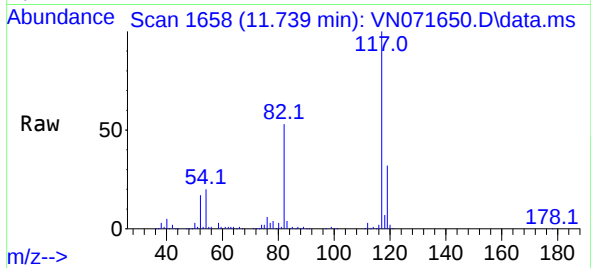




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1170  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

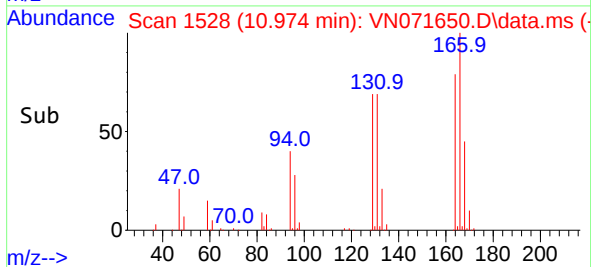
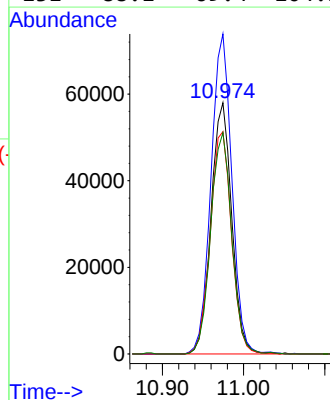
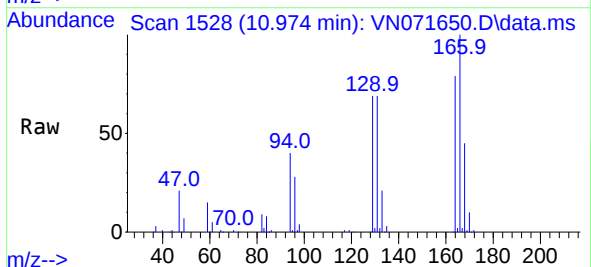
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

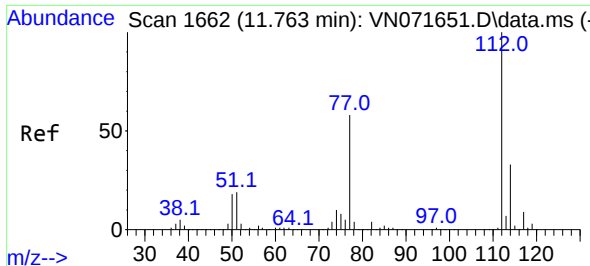
Tgt Ion:117 Resp: 799885  
Ion Ratio Lower Upper  
117 100  
82 53.5 44.2 66.2  
119 31.9 25.4 38.0



#64  
Tetrachloroethene  
Concen: 18.757 ug/l  
RT: 10.974 min Scan# 1528  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion:164 Resp: 103289  
Ion Ratio Lower Upper  
164 100  
166 127.4 104.2 156.2  
129 88.5 73.9 110.9  
131 88.1 69.4 104.2

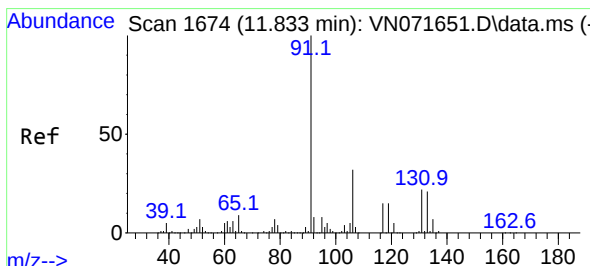
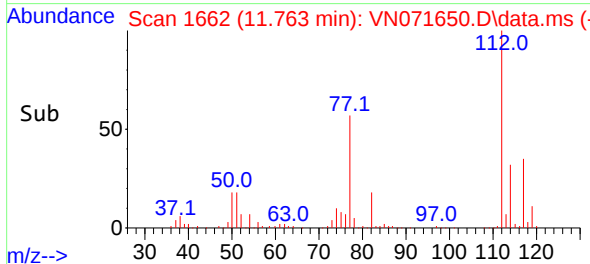
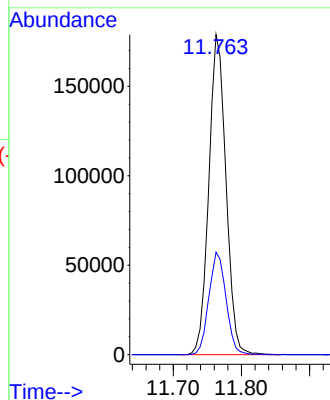
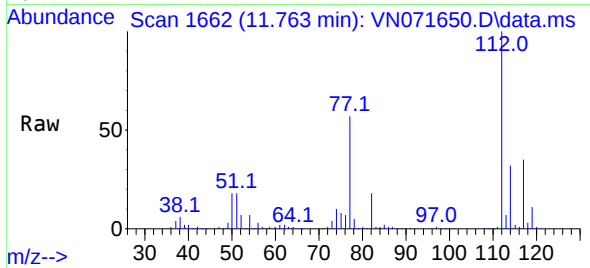




#65  
Chlorobenzene  
Concen: 18.787 ug/l  
RT: 11.763 min Scan# 1662  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

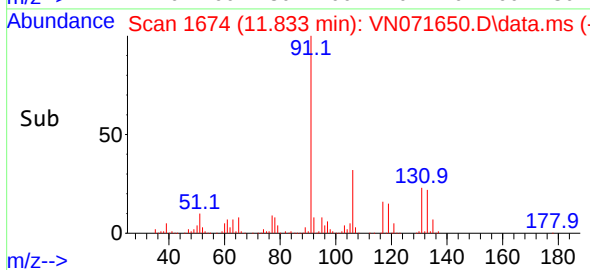
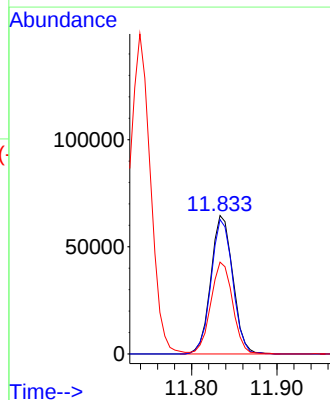
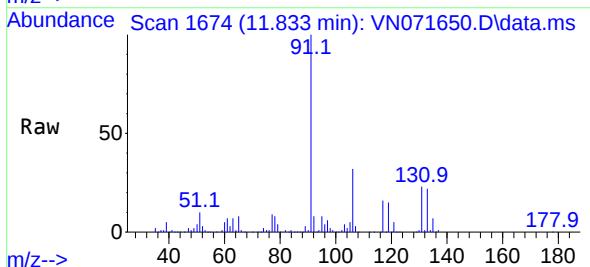
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

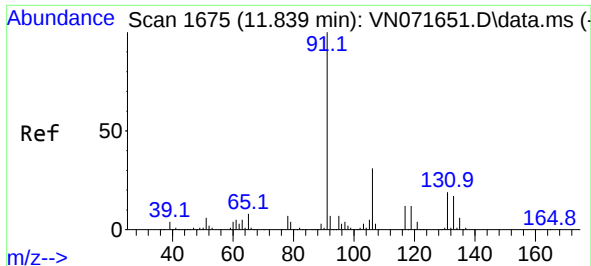
Tgt Ion:112 Resp: 312964  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.456 ug/l  
RT: 11.833 min Scan# 1674  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion:131 Resp: 116151  
Ion Ratio Lower Upper  
131 100  
133 95.5 47.8 143.4  
119 66.2 33.4 100.2

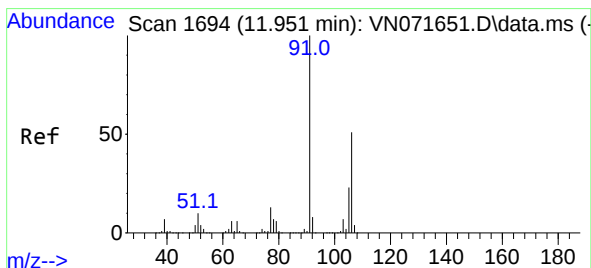
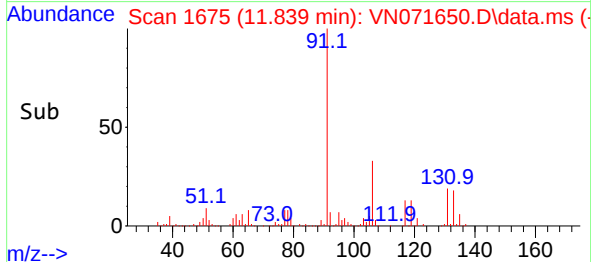
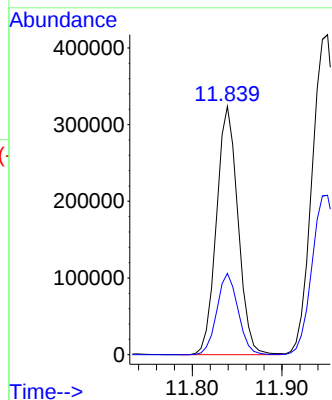
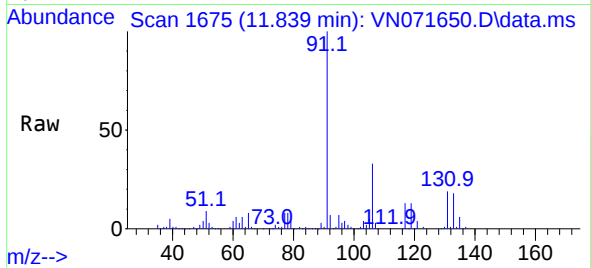




#67  
Ethyl Benzene  
Concen: 18.760 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

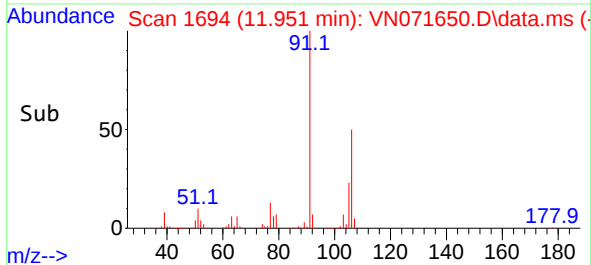
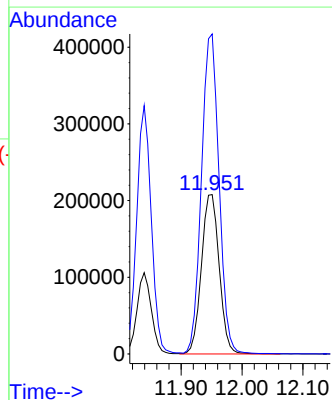
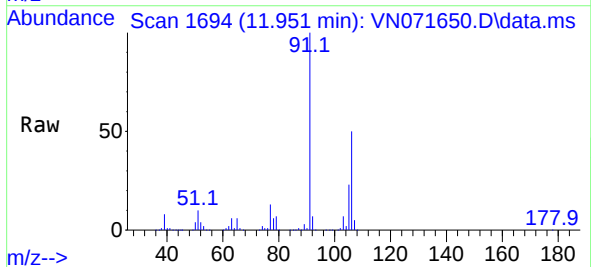
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

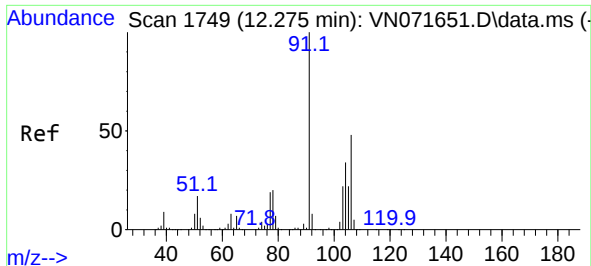
Tgt Ion: 91 Resp: 538843  
Ion Ratio Lower Upper  
91 100  
106 32.8 24.9 37.3



#68  
m/p-Xylenes  
Concen: 38.593 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 106 Resp: 421920  
Ion Ratio Lower Upper  
106 100  
91 198.2 158.9 238.3

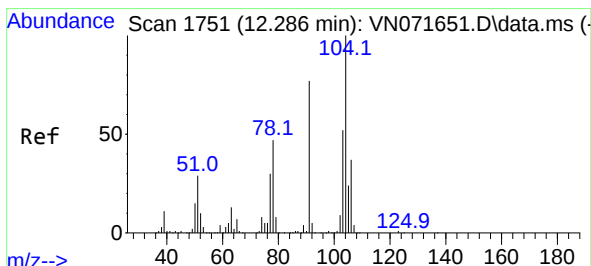
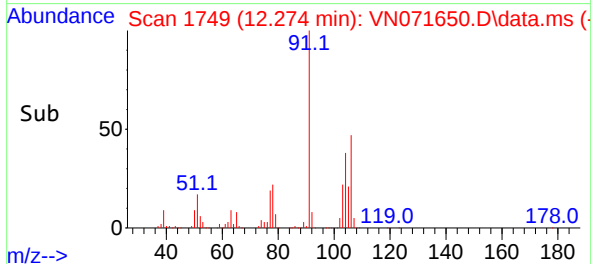
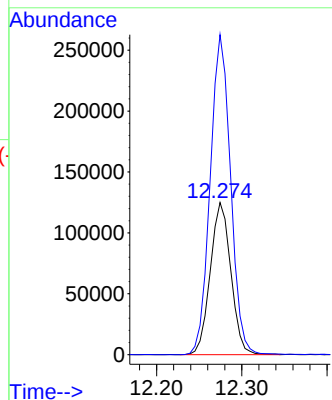
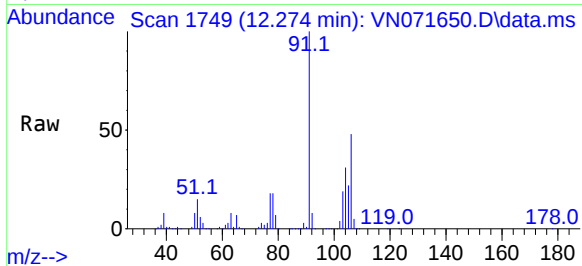




#69  
o-Xylene  
Concen: 19.118 ug/l  
RT: 12.274 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

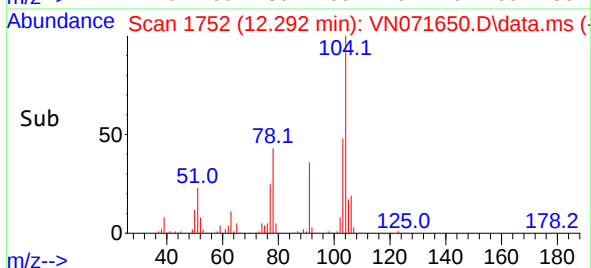
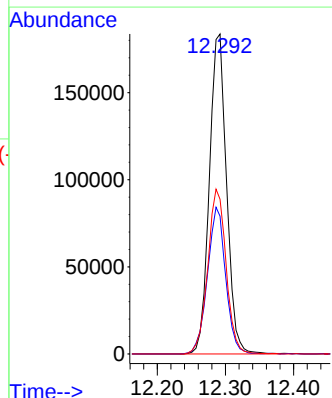
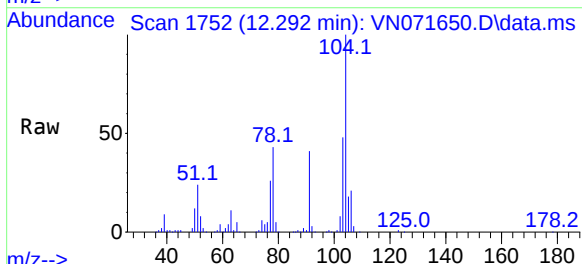
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

Tgt Ion:106 Resp: 209852  
Ion Ratio Lower Upper  
106 100  
91 208.8 106.0 318.0



#70  
Styrene  
Concen: 19.280 ug/l  
RT: 12.292 min Scan# 1752  
Delta R.T. 0.006 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion:104 Resp: 322961  
Ion Ratio Lower Upper  
104 100  
78 48.5 39.5 59.3  
103 55.1 44.0 66.0

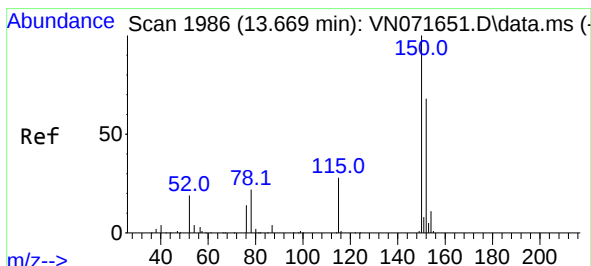
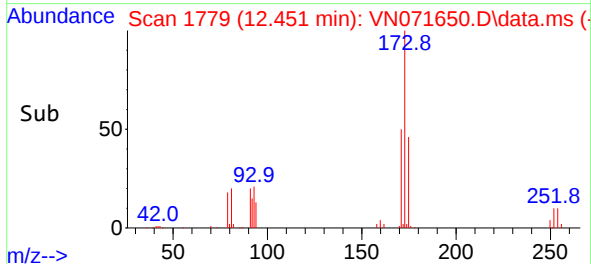
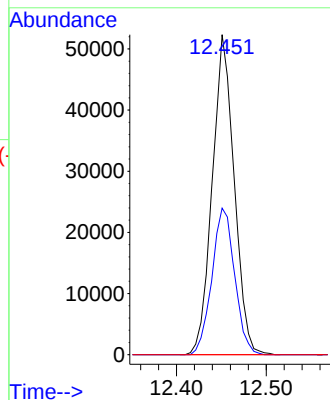
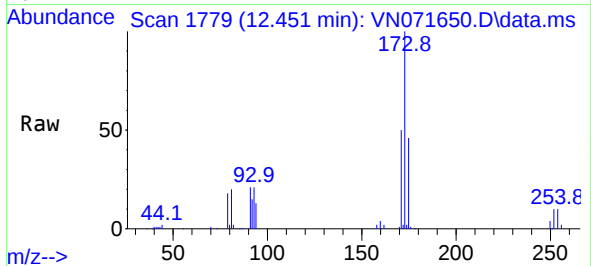




#71  
Bromoform  
Concen: 18.810 ug/l  
RT: 12.451 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

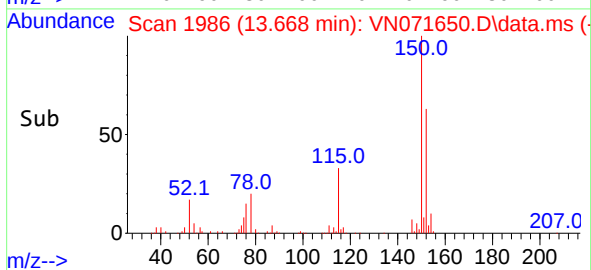
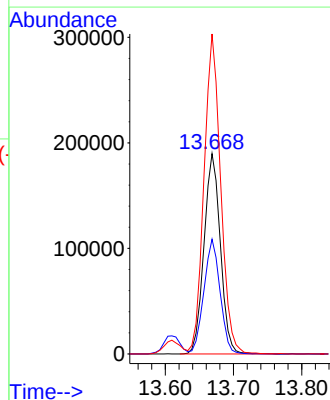
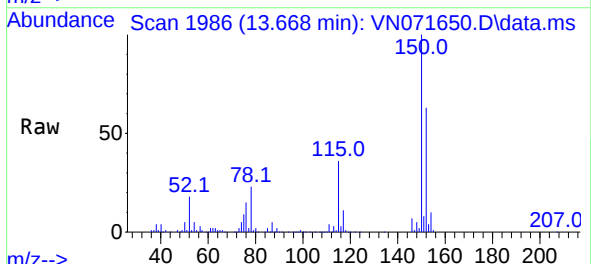
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MSVOA\_N  
ClientSampleId :  
VSTDICC020

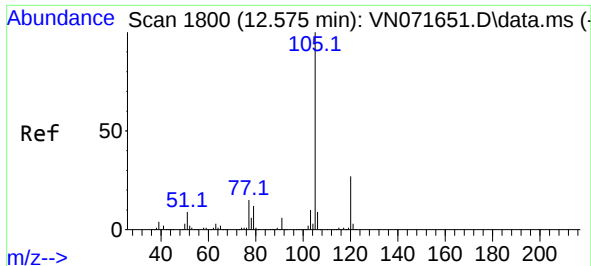
Tgt Ion:173 Resp: 88709  
Ion Ratio Lower Upper  
173 100  
175 47.5 24.6 73.6  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion:152 Resp: 316575  
Ion Ratio Lower Upper  
152 100  
115 56.9 28.9 86.7  
150 162.5 0.0 356.2

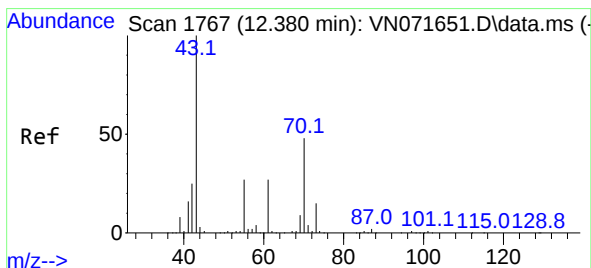
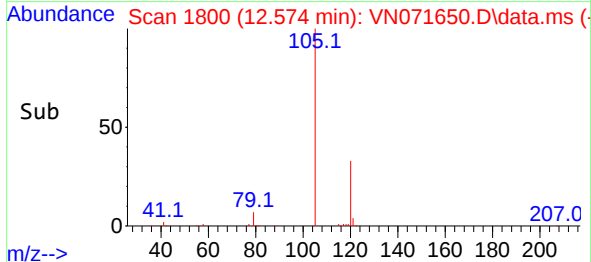
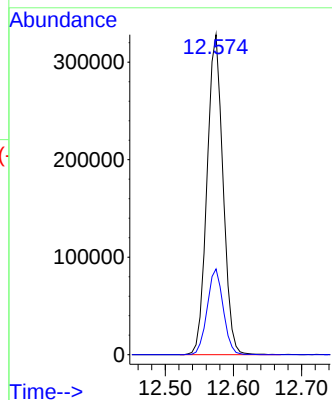
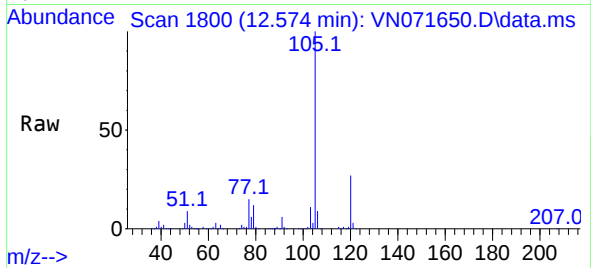




#73  
Isopropylbenzene  
Concen: 19.322 ug/l  
RT: 12.574 min Scan# 1800  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

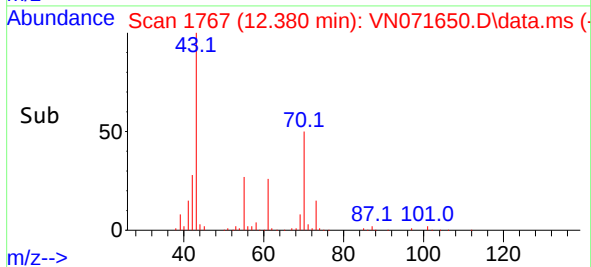
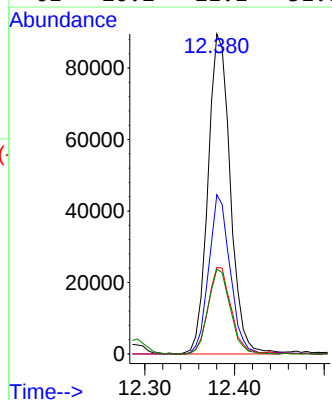
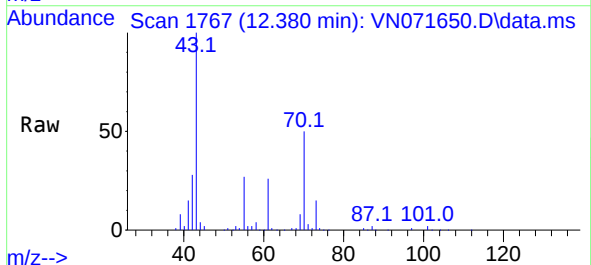
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MSVOA\_N  
ClientSampleId :  
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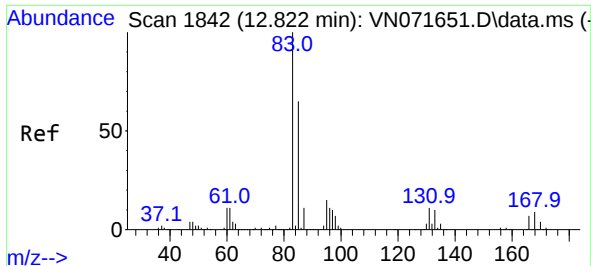
Tgt Ion:105 Resp: 535669  
Ion Ratio Lower Upper  
105 100  
120 26.9 13.5 40.4



#74  
N-ethyl acetate  
Concen: 18.375 ug/l  
RT: 12.380 min Scan# 1767  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 43 Resp: 154749  
Ion Ratio Lower Upper  
43 100  
70 47.6 39.0 58.4  
55 27.9 21.1 31.7  
61 26.2 21.1 31.7

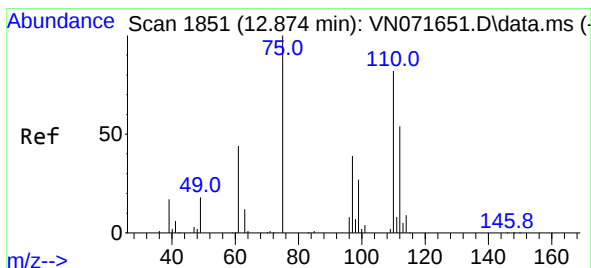
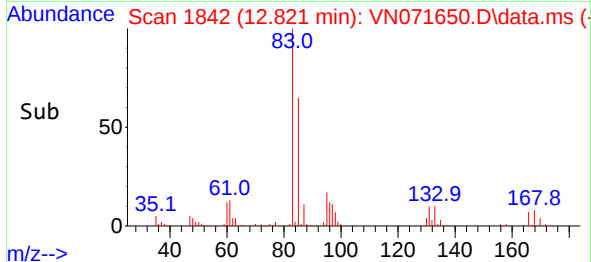
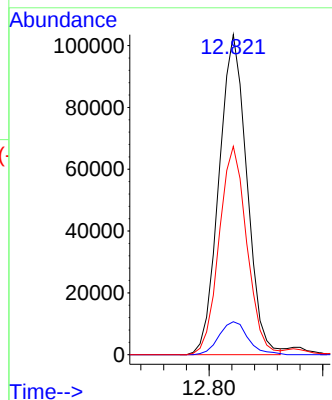
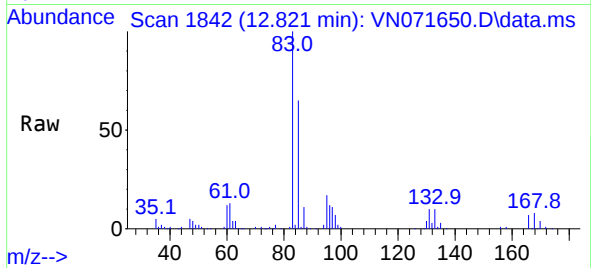




#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.027 ug/l  
RT: 12.821 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

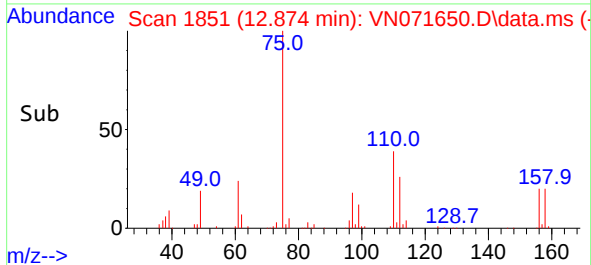
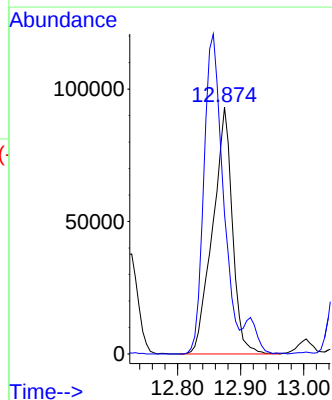
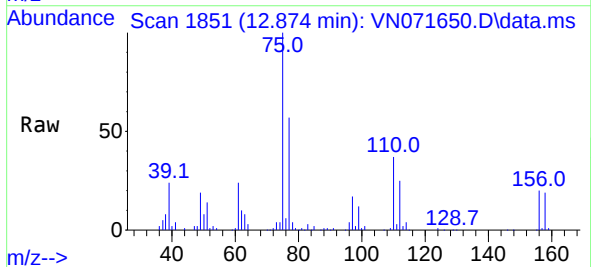
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MSVOA\_N  
ClientSampleId :  
VSTDICC020

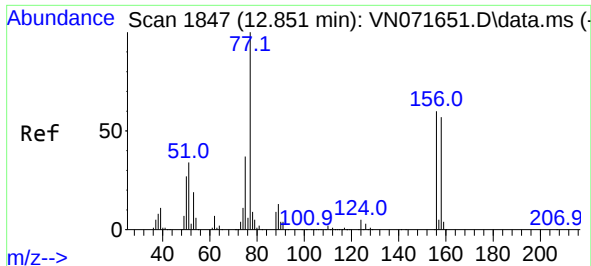
Tgt Ion: 83 Resp: 176473  
Ion Ratio Lower Upper  
83 100  
131 10.7 5.3 15.9  
85 64.7 32.3 96.9



#76  
1,2,3-Trichloropropane  
Concen: 26.594 ug/l  
RT: 12.874 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 75 Resp: 201919  
Ion Ratio Lower Upper  
75 100  
77 125.4 98.5 295.5

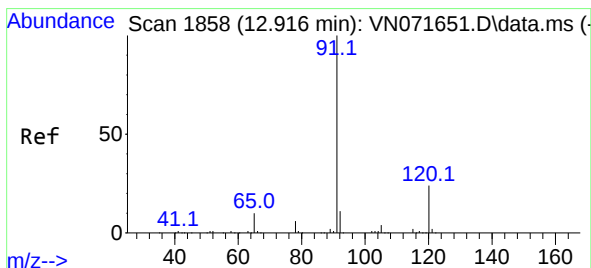
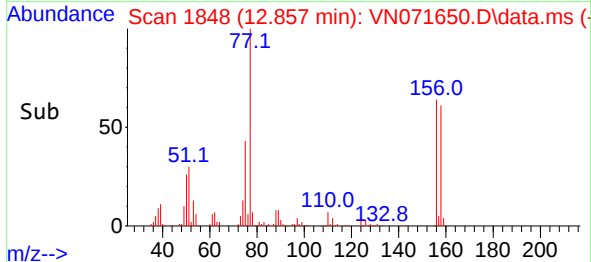
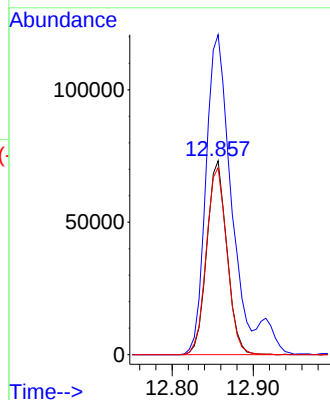
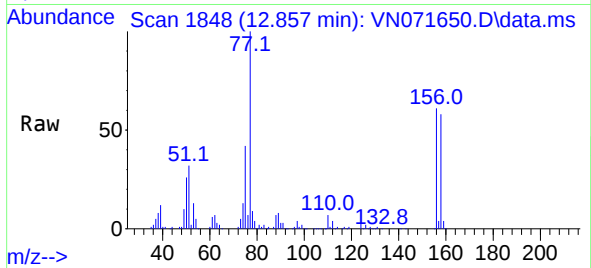




#77  
Bromobenzene  
Concen: 18.055 ug/l  
RT: 12.857 min Scan# 1847  
Delta R.T. 0.006 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

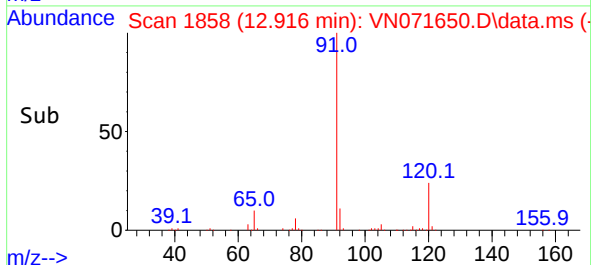
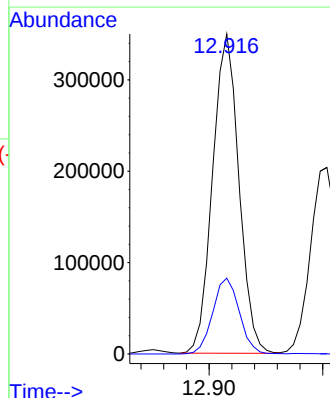
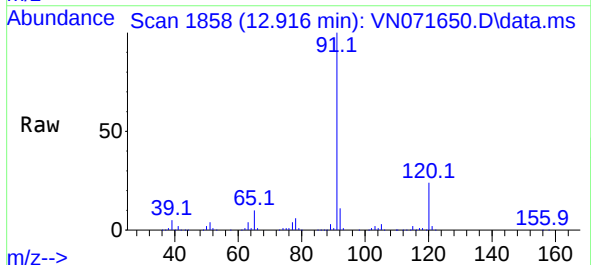
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

Tgt Ion:156 Resp: 126012  
Ion Ratio Lower Upper  
156 100  
77 200.9 100.5 301.5  
158 99.1 48.9 146.6



#78  
n-propylbenzene  
Concen: 18.809 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 91 Resp: 562381  
Ion Ratio Lower Upper  
91 100  
120 24.0 11.9 35.5

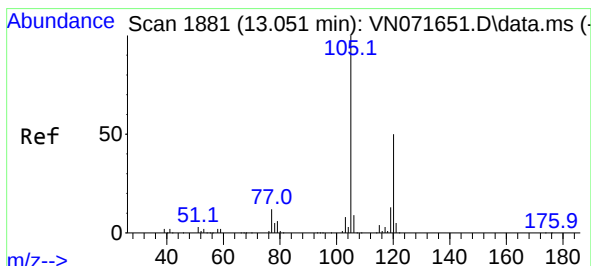
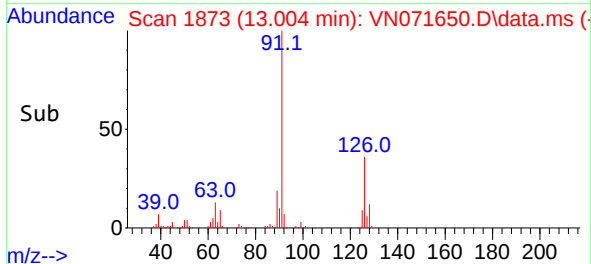
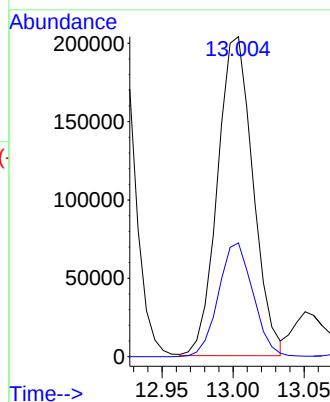
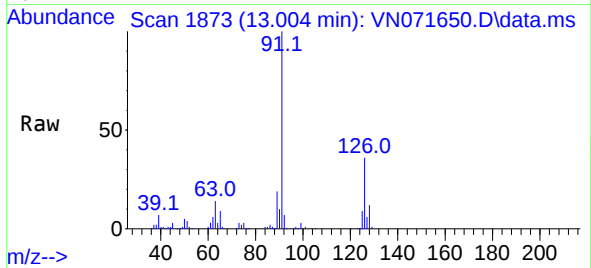




#79  
2-Chlorotoluene  
Concen: 18.874 ug/l  
RT: 13.004 min Scan# 1873  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

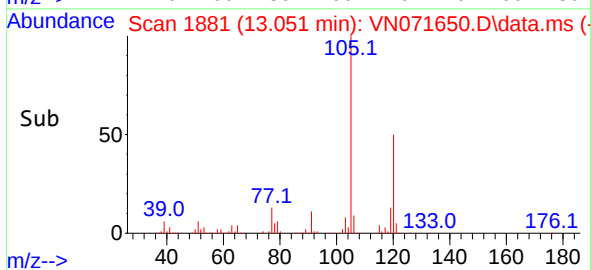
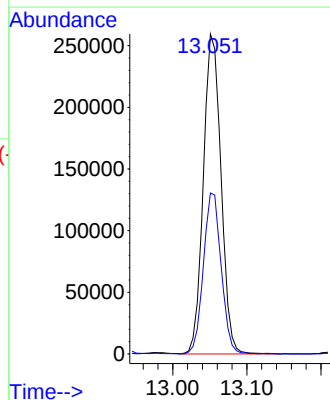
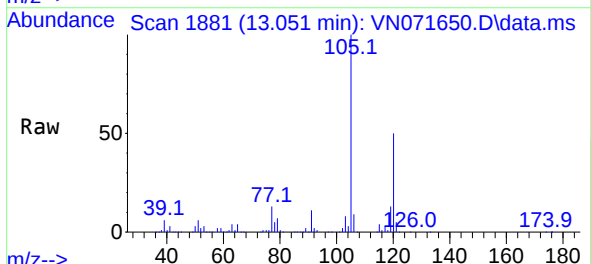
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

Tgt Ion: 91 Resp: 353431  
Ion Ratio Lower Upper  
91 100  
126 34.9 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 19.674 ug/l  
RT: 13.051 min Scan# 1881  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 105 Resp: 430692  
Ion Ratio Lower Upper  
105 100  
120 50.5 24.9 74.7

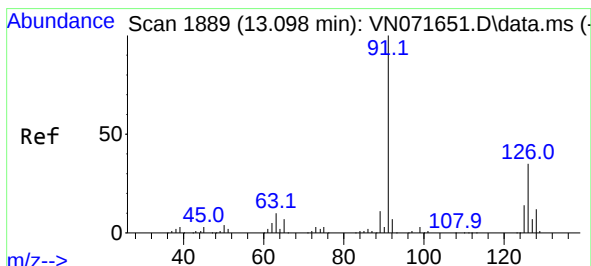
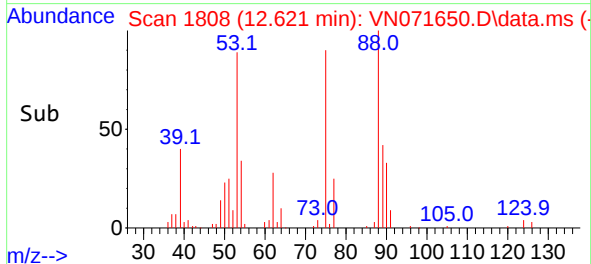
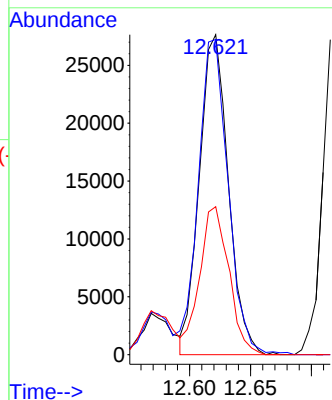
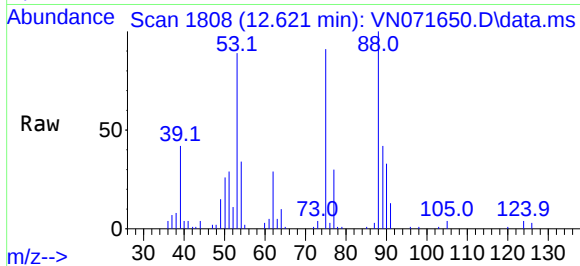




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.433 ug/l  
RT: 12.621 min Scan# 1808  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

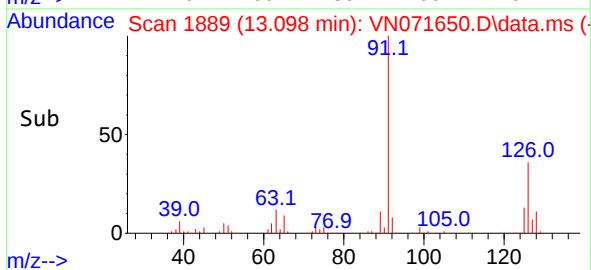
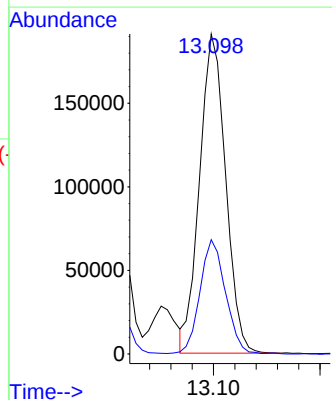
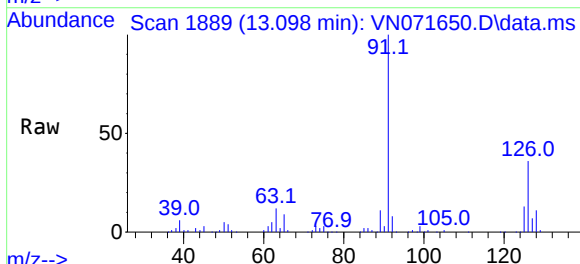
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

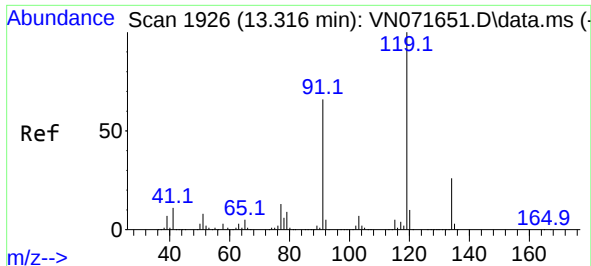
Tgt Ion: 75 Resp: 45847  
Ion Ratio Lower Upper  
75 100  
53 102.1 78.0 117.0  
89 46.8 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 18.578 ug/l  
RT: 13.098 min Scan# 1889  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 91 Resp: 324686  
Ion Ratio Lower Upper  
91 100  
126 35.2 17.2 51.6

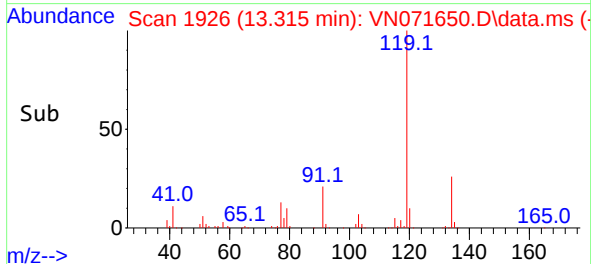
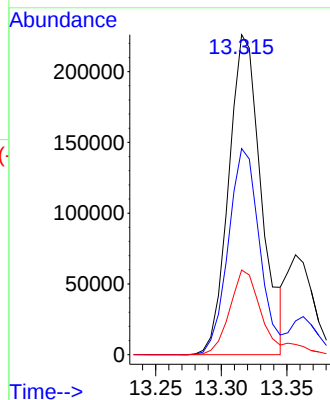
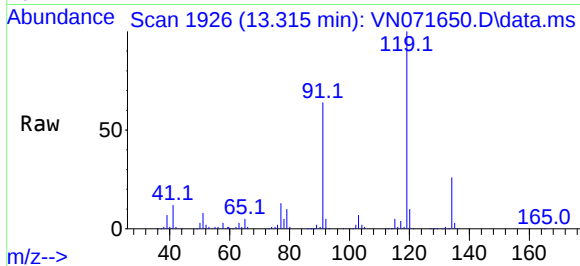




#83  
tert-Butylbenzene  
Concen: 19.408 ug/l  
RT: 13.315 min Scan# 1926  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

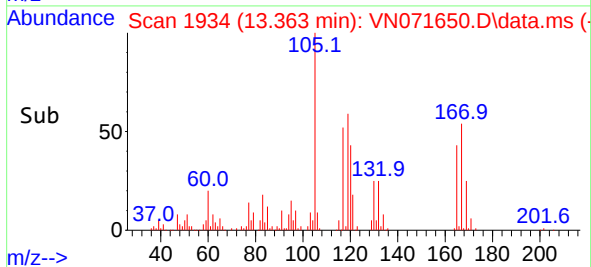
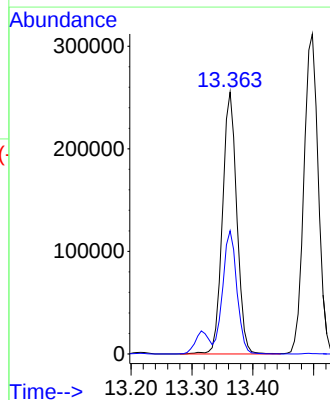
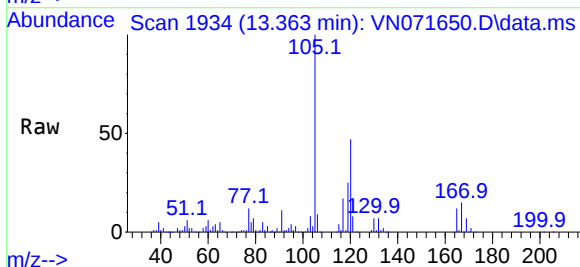
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

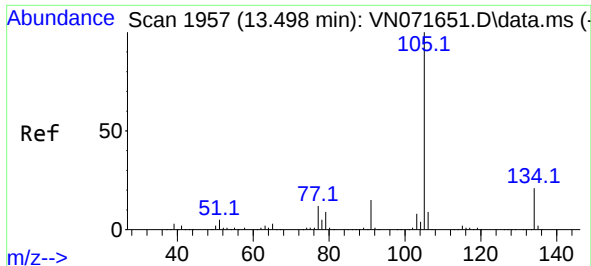
Tgt Ion:119 Resp: 390215  
Ion Ratio Lower Upper  
119 100  
91 61.9 31.6 94.8  
134 27.3 13.7 41.1



#84  
1,2,4-Trimethylbenzene  
Concen: 19.419 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion:105 Resp: 417035  
Ion Ratio Lower Upper  
105 100  
120 46.5 23.3 69.8

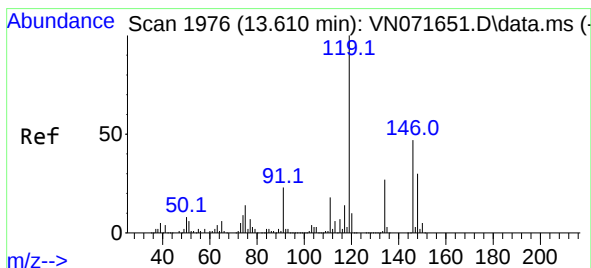
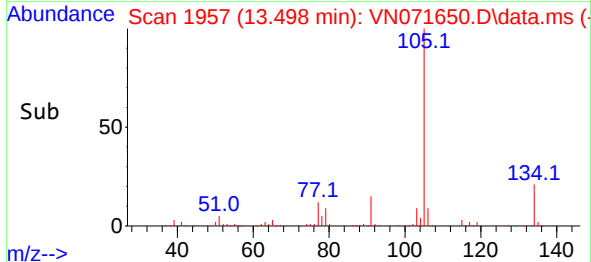
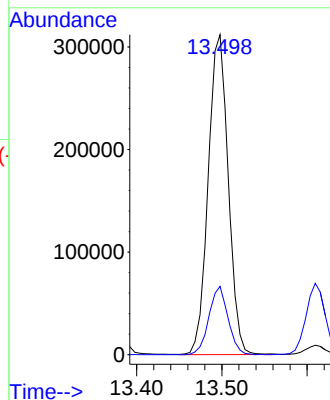
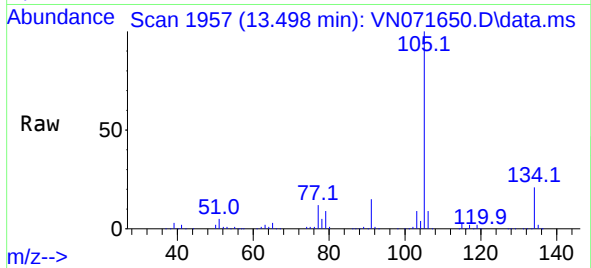




#85  
 sec-Butylbenzene  
 Concen: 19.200 ug/l  
 RT: 13.498 min Scan# 1957  
 Delta R.T. -0.000 min  
 Lab File: VN071650.D  
 Acq: 30 Mar 2022 11:15

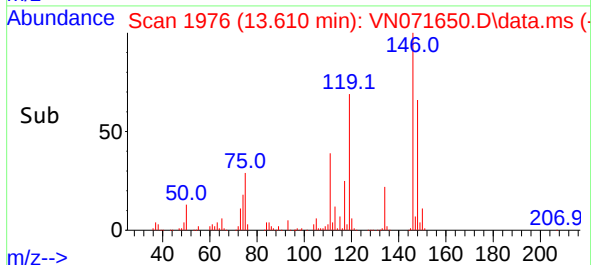
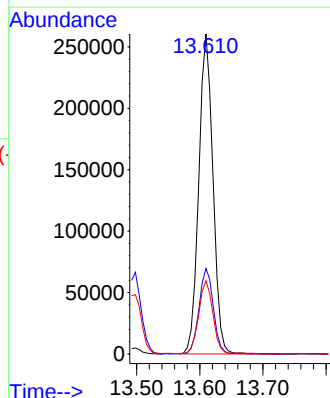
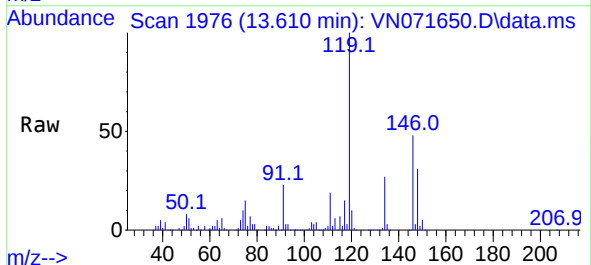
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC020

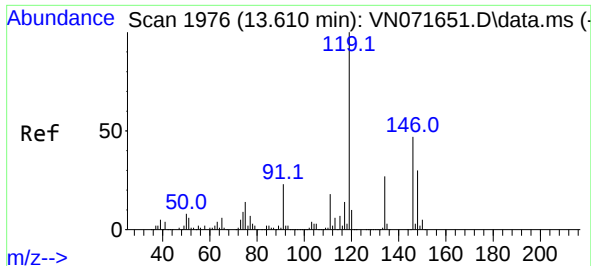
Tgt Ion:105 Resp: 509143  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 19.249 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. -0.000 min  
 Lab File: VN071650.D  
 Acq: 30 Mar 2022 11:15

Tgt Ion:119 Resp: 406322  
 Ion Ratio Lower Upper  
 119 100  
 134 26.9 13.3 39.8  
 91 22.6 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 18.721 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071650.D

Acq: 30 Mar 2022 11:15

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC020

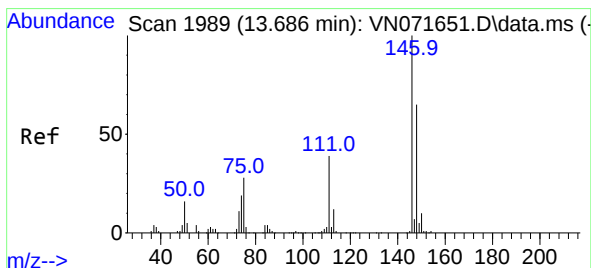
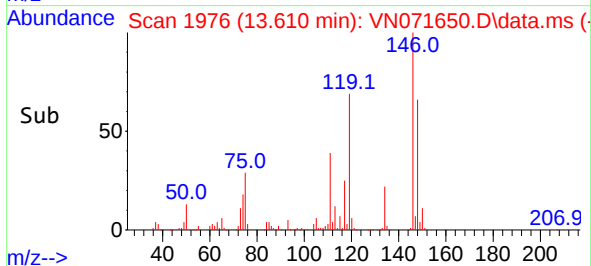
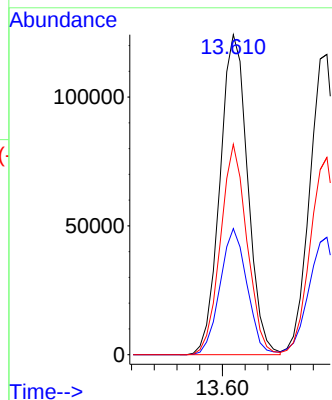
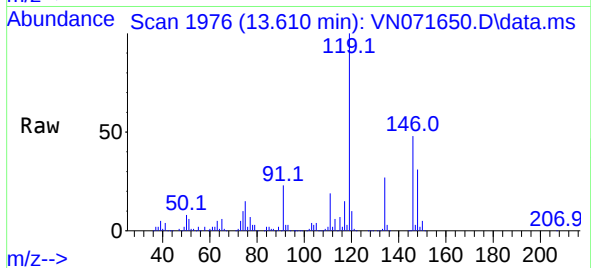
Tgt Ion:146 Resp: 210658

Ion Ratio Lower Upper

146 100

111 38.5 20.0 60.0

148 63.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 18.074 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. 0.006 min

Lab File: VN071650.D

Acq: 30 Mar 2022 11:15

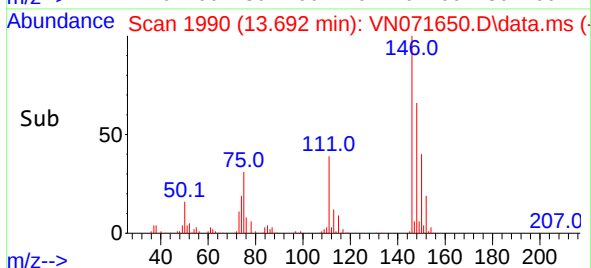
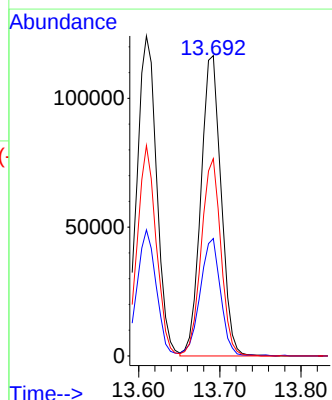
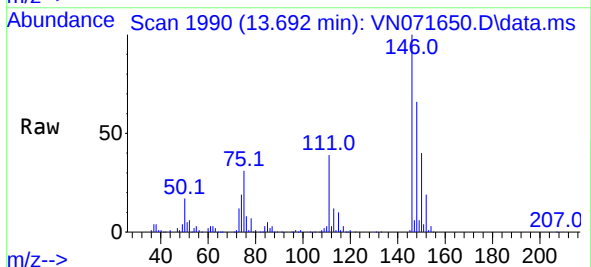
Tgt Ion:146 Resp: 201926

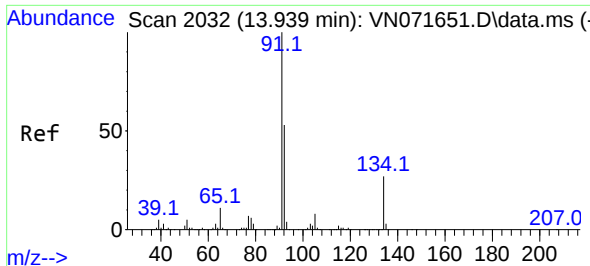
Ion Ratio Lower Upper

146 100

111 39.6 19.1 57.1

148 63.9 31.4 94.3

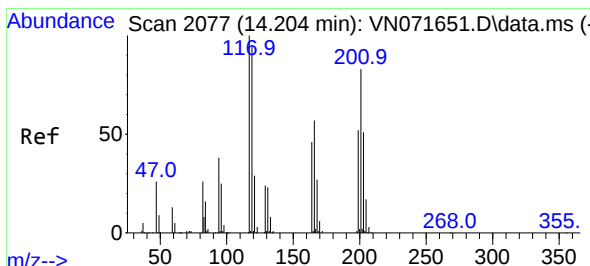
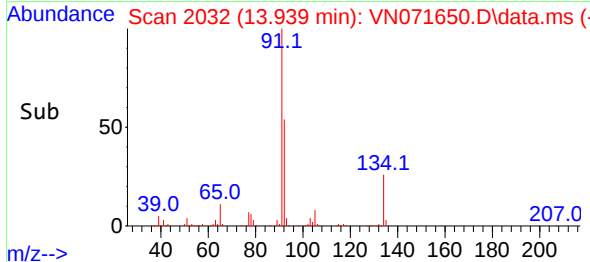
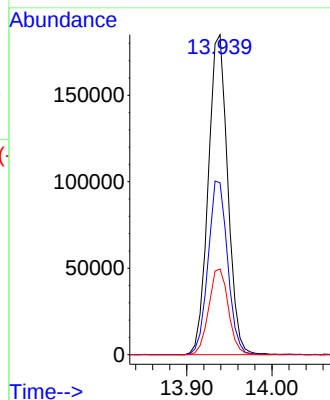
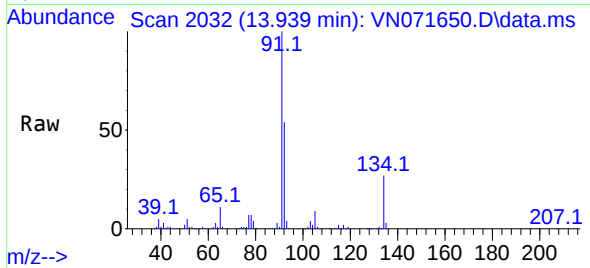




#89  
n-Butylbenzene  
Concen: 18.452 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

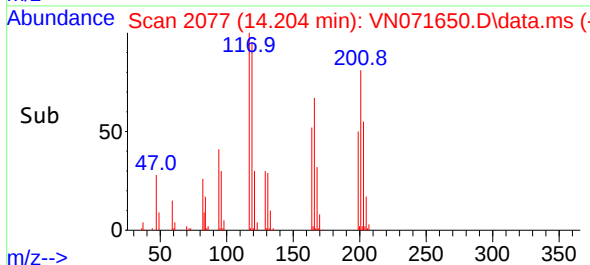
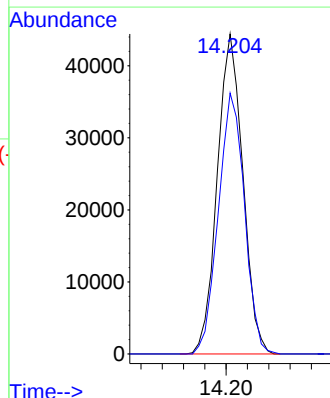
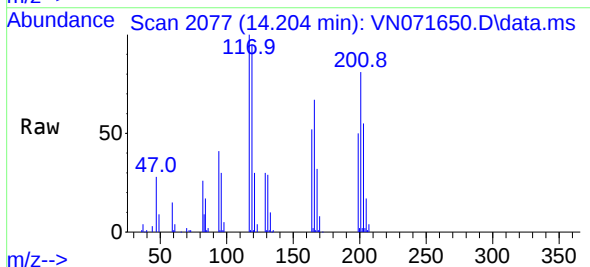
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC020

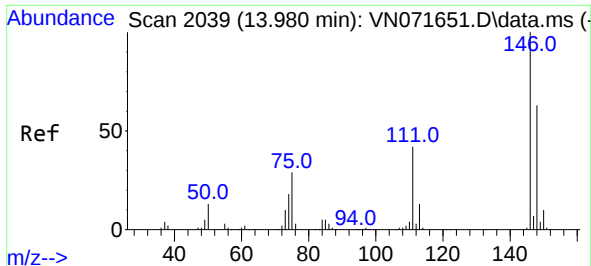
Tgt Ion: 91 Resp: 294259  
Ion Ratio Lower Upper  
91 100  
92 54.4 26.9 80.7  
134 27.0 13.6 40.8



#90  
Hexachloroethane  
Concen: 18.670 ug/l  
RT: 14.204 min Scan# 2077  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion: 117 Resp: 73888  
Ion Ratio Lower Upper  
117 100  
201 83.3 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 18.541 ug/l

RT: 13.980 min Scan# 2039

Delta R.T. -0.000 min

Lab File: VN071650.D

Acq: 30 Mar 2022 11:15

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC020

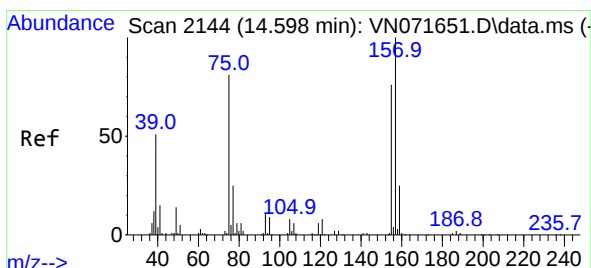
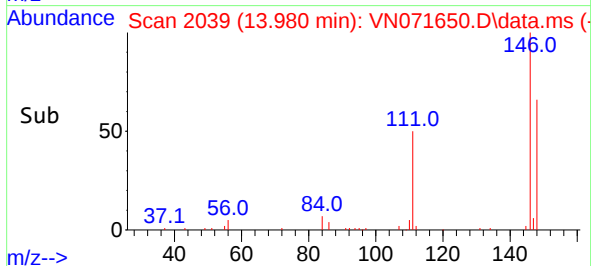
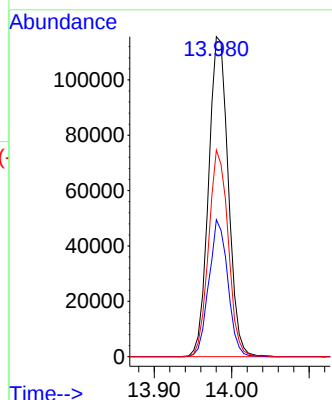
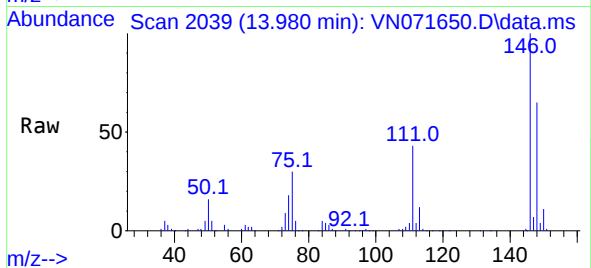
Tgt Ion:146 Resp: 203828

Ion Ratio Lower Upper

146 100

111 41.1 20.9 62.8

148 64.1 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.414 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN071650.D

Acq: 30 Mar 2022 11:15

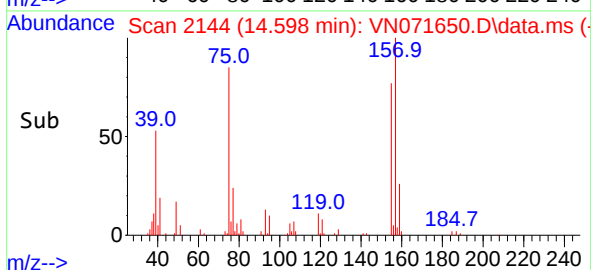
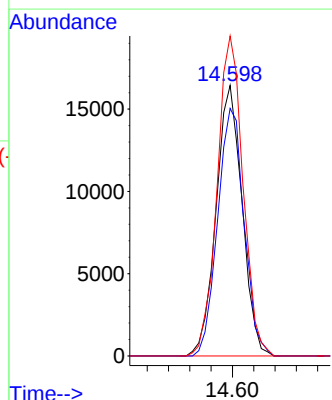
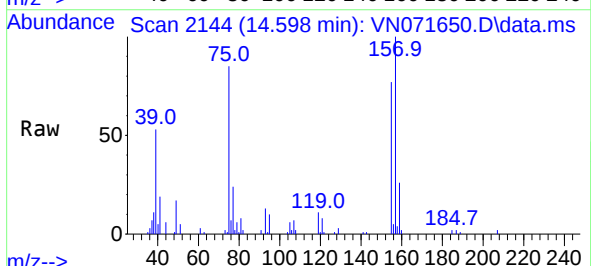
Tgt Ion: 75 Resp: 27841

Ion Ratio Lower Upper

75 100

155 93.1 44.9 134.5

157 117.4 59.0 176.8

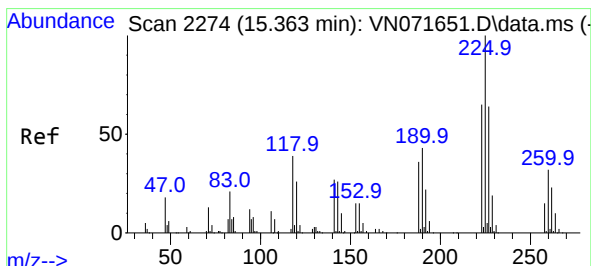
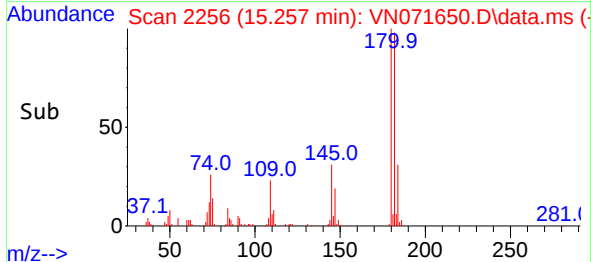
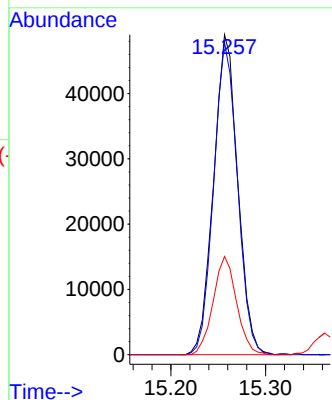
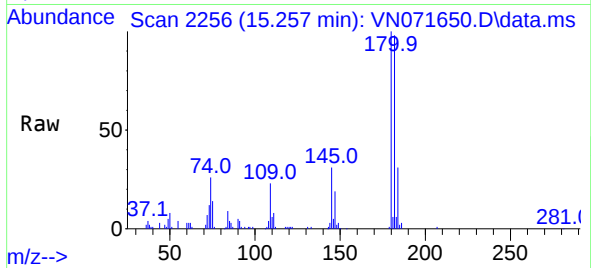




#93  
1,2,4-Trichlorobenzene  
Concen: 17.825 ug/l  
RT: 15.257 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

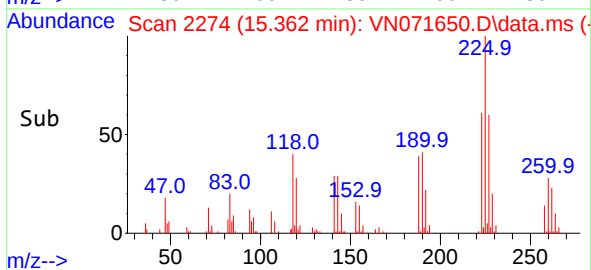
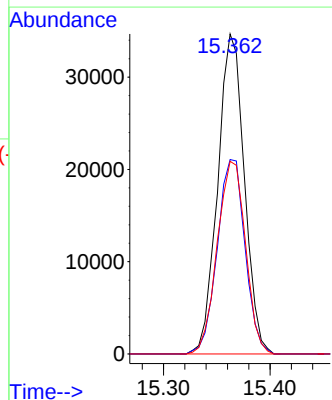
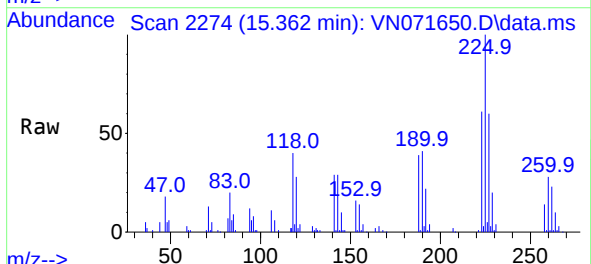
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

Tgt Ion:180 Resp: 86718  
Ion Ratio Lower Upper  
180 100  
182 96.5 47.5 142.5  
145 29.9 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 19.575 ug/l  
RT: 15.362 min Scan# 2274  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion:225 Resp: 60173  
Ion Ratio Lower Upper  
225 100  
223 63.4 32.4 97.2  
227 63.8 31.8 95.4

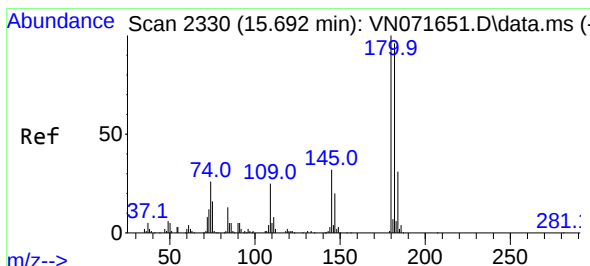
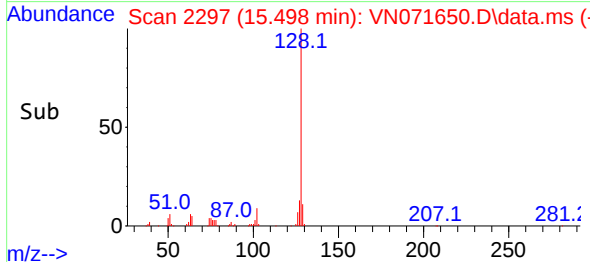
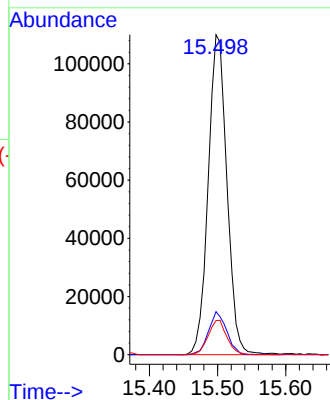
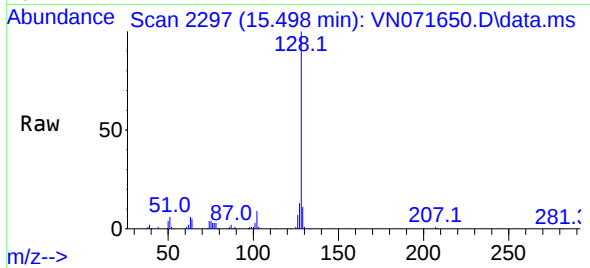




#95  
Naphthalene  
Concen: 15.894 ug/l  
RT: 15.498 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC020

Tgt Ion:128 Resp: 210351  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.3 15.5  
129 10.7 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 17.088 ug/l  
RT: 15.692 min Scan# 2330  
Delta R.T. -0.000 min  
Lab File: VN071650.D  
Acq: 30 Mar 2022 11:15

Tgt Ion:180 Resp: 83113  
Ion Ratio Lower Upper  
180 100  
182 95.7 47.8 143.3  
145 31.0 15.5 46.5

