

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102121\  
 Data File : VN069102.D  
 Acq On : 21 Oct 2021 21:05  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 10/22/2021 7:09:24 PM

Quant Time: Oct 22 01:35:58 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 13 05:44:40 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 8.088  | 168   | 291934   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.968  | 114   | 524019   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.747 | 117   | 505751   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.678 | 152   | 226670   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.440  | 65    | 193341   | 50.231   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | = 100.460% |          |
| 35) Dibromofluoromethane     | 8.021  | 113   | 147441   | 48.360   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | = 96.720%  |          |
| 50) Toluene-d8               | 10.443 | 98    | 606571   | 49.724   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | = 99.440%  |          |
| 62) 4-Bromofluorobenzene     | 12.734 | 95    | 238764   | 51.878   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | = 103.760% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.073  | 85    | 156372   | 43.189   | ug/l       | 100      |
| 3) Chloromethane             | 2.301  | 50    | 175588   | 49.209   | ug/l       | 100      |
| 4) Vinyl Chloride            | 2.443  | 62    | 204187   | 56.339   | ug/l       | 98       |
| 5) Bromomethane              | 2.824  | 94    | 133242   | 66.837   | ug/l       | 97       |
| 6) Chloroethane              | 3.001  | 64    | 136861   | 64.076   | ug/l       | 99       |
| 7) Trichlorofluoromethane    | 3.365  | 101   | 264769   | 52.171   | ug/l       | 100      |
| 8) Diethyl Ether             | 3.827  | 74    | 97904    | 51.719   | ug/l       | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 4.213  | 101   | 143549   | 52.604   | ug/l       | 98       |
| 10) Methyl Iodide            | 4.422  | 142   | 187829   | 47.424   | ug/l       | 99       |
| 11) Tert butyl alcohol       | 5.369  | 59    | 169840   | 241.482  | ug/l       | 100      |
| 12) 1,1-Dichloroethene       | 4.183  | 96    | 138278   | 49.020   | ug/l       | 98       |
| 13) Acrolein                 | 4.041  | 56    | 83735    | 269.131  | ug/l       | 99       |
| 14) Allyl chloride           | 4.843  | 41    | 238688   | 47.202   | ug/l       | 96       |
| 15) Acrylonitrile            | 5.554  | 53    | 411336   | 261.008  | ug/l       | 99       |
| 16) Acetone                  | 4.285  | 43    | 333106   | 231.905  | ug/l       | 99       |
| 17) Carbon Disulfide         | 4.532  | 76    | 339656   | 44.367   | ug/l       | 99       |
| 18) Methyl Acetate           | 4.854  | 43    | 289870   | 53.204   | ug/l       | 98       |
| 19) Methyl tert-butyl Ether  | 5.618  | 73    | 551853   | 52.540   | ug/l       | 99       |
| 20) Methylene Chloride       | 5.098  | 84    | 169765   | 51.350   | ug/l       | 99       |
| 21) trans-1,2-Dichloroethene | 5.602  | 96    | 149875   | 49.180   | ug/l       | 97       |
| 22) Diisopropyl ether        | 6.495  | 45    | 549057   | 52.212   | ug/l       | 99       |
| 23) Vinyl Acetate            | 6.434  | 43    | 2037433  | 256.284  | ug/l       | 99       |
| 24) 1,1-Dichloroethane       | 6.391  | 63    | 297849   | 52.130   | ug/l       | 99       |
| 25) 2-Butanone               | 7.335  | 43    | 552694   | 254.455  | ug/l       | 97       |
| 26) 2,2-Dichloropropane      | 7.329  | 77    | 226325   | 41.565   | ug/l       | 99       |
| 27) cis-1,2-Dichloroethene   | 7.327  | 96    | 187140   | 50.799   | ug/l       | 98       |
| 28) Bromochloromethane       | 7.659  | 49    | 131505   | 50.818   | ug/l       | 98       |
| 29) Tetrahydrofuran          | 7.683  | 42    | 366408   | 260.068  | ug/l       | 96       |
| 30) Chloroform               | 7.820  | 83    | 325739   | 54.097   | ug/l       | 98       |
| 31) Cyclohexane              | 8.096  | 56    | 271105   | 45.300   | ug/l       | 94       |
| 32) 1,1,1-Trichloroethane    | 8.019  | 97    | 292927   | 52.185   | ug/l       | 99       |
| 36) 1,1-Dichloropropene      | 8.225  | 75    | 232423   | 51.927   | ug/l       | 99       |
| 37) Ethyl Acetate            | 7.412  | 43    | 234016   | 50.623   | ug/l       | 98       |
| 38) Carbon Tetrachloride     | 8.209  | 117   | 245997   | 50.042   | ug/l       | 100      |
| 39) Methylcyclohexane        | 9.461  | 83    | 283502   | 49.211   | ug/l       | 96       |
| 40) Benzene                  | 8.461  | 78    | 706551   | 51.840   | ug/l       | 100      |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 10/22/2021 7:09:24 PM

Quant Time: Oct 22 01:35:58 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 13 05:44:40 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.638  | 41   | 117008   | 50.213   | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 262941   | 54.480   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.560  | 43   | 421118   | 51.631   | ug/l   | 100      |
| 44) Trichloroethene           | 9.217  | 130  | 173475   | 50.856   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 182686   | 51.655   | ug/l   | 99       |
| 46) Dibromomethane            | 9.580  | 93   | 128754   | 53.333   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.765  | 83   | 261194   | 52.210   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.561  | 41   | 182996   | 47.750   | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.571  | 88   | 76692    | 1025.799 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.333 | 43   | 1269042  | 268.331  | ug/l   | 99       |
| 52) Toluene                   | 10.507 | 92   | 470103   | 53.610   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 285385   | 50.360   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 298585   | 50.642   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.899 | 97   | 187221   | 54.153   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 312598   | 53.852   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.047 | 76   | 316223   | 55.470   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.044 | 63   | 494608   | 286.684  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.087 | 43   | 938539   | 276.725  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.240 | 129  | 201959   | 51.753   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.347 | 107  | 195686   | 55.183   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.980 | 164  | 152095   | 46.684   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.773 | 112  | 509649   | 53.253   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 189971   | 50.715   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.846 | 91   | 941767   | 52.976   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.956 | 106  | 706044   | 104.769  | ug/l   | 99       |
| 69) o-Xylene                  | 12.283 | 106  | 356211   | 52.807   | ug/l   | 99       |
| 70) Styrene                   | 12.296 | 104  | 598642   | 54.519   | ug/l   | 99       |
| 71) Bromoform                 | 12.460 | 173  | 145238   | 48.402   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.581 | 105  | 948548   | 50.276   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.390 | 43   | 372493   | 52.112   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 292175   | 53.587   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.884 | 75   | 229628m  | 47.612   | ug/l   |          |
| 77) Bromobenzene              | 12.862 | 156  | 213075   | 51.073   | ug/l   | 98       |
| 78) n-propylbenzene           | 12.924 | 91   | 1087118  | 51.273   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 666271   | 50.983   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 787553   | 50.115   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.629 | 75   | 88788    | 44.044   | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 656419   | 51.980   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.326 | 119  | 693040   | 50.661   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.372 | 105  | 775551   | 51.221   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.503 | 105  | 978030   | 51.623   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.619 | 119  | 787589   | 51.828   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.619 | 146  | 376400   | 52.159   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146  | 366862   | 51.222   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.946 | 91   | 660426   | 52.204   | ug/l   | 100      |
| 90) Hexachloroethane          | 14.214 | 117  | 153316   | 48.029   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 362676   | 51.737   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.606 | 75   | 52586    | 50.023   | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 170314   | 45.011   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.373 | 225  | 91142    | 45.660   | ug/l   | 99       |
| 95) Naphthalene               | 15.509 | 128  | 493253   | 47.127   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 164037   | 45.522   | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

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10/22/2021 7:09:24 PM

Quant Time: Oct 22 01:35:58 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 13 05:44:40 2021  
Response via : Initial Calibration

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

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

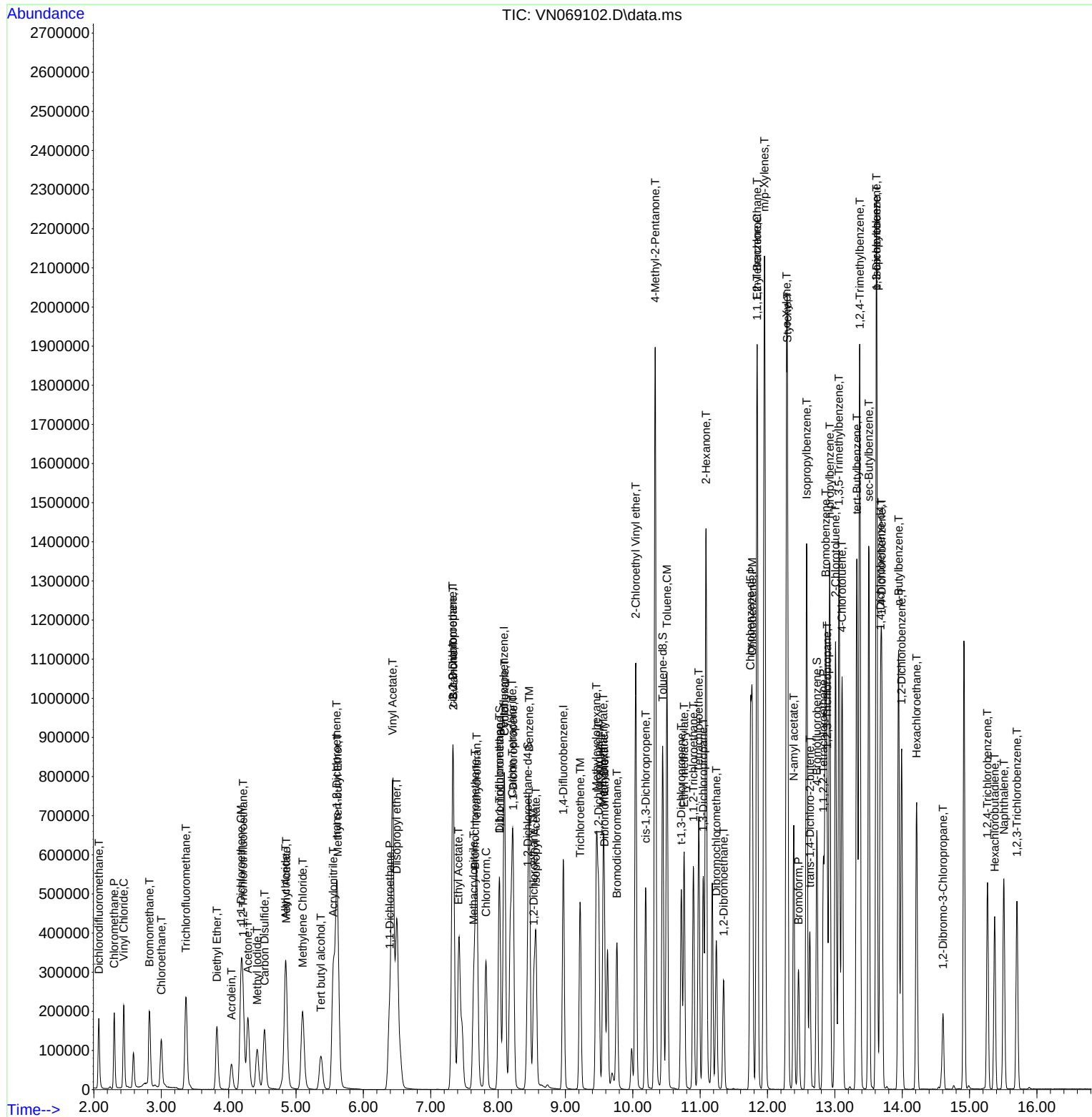
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 Data File : VN069102.D  
 Acq On : 21 Oct 2021 21:05  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

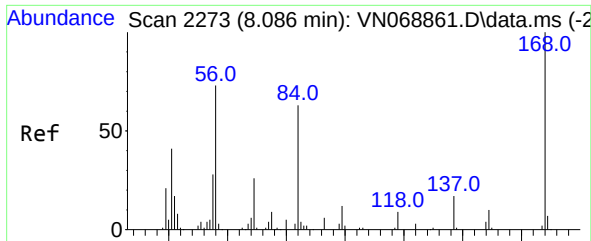
Instrument :  
 MSVOA\_N  
 Client Sample Id :  
 VSTDCCC050EC

Manual Integrations  
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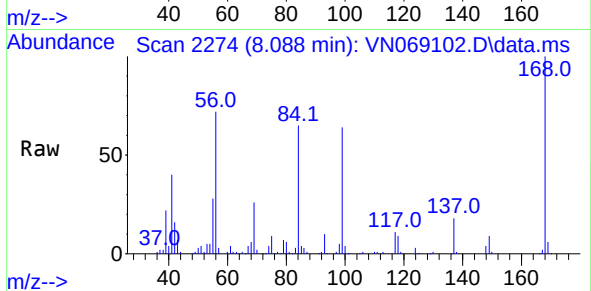
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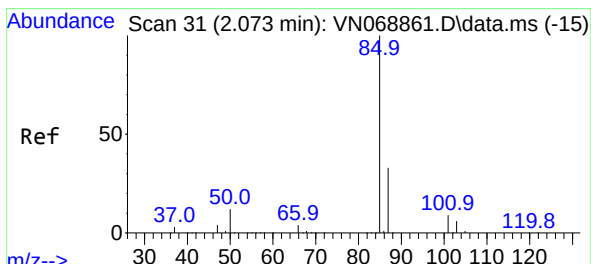
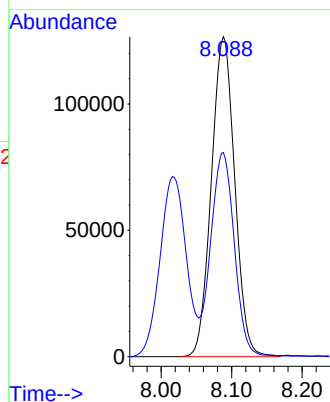
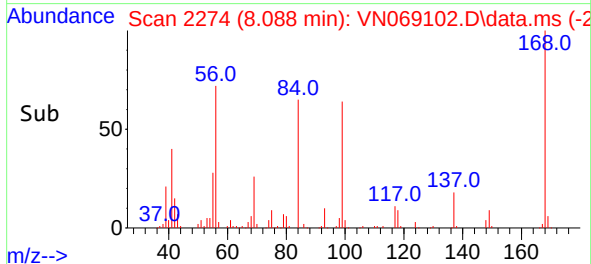




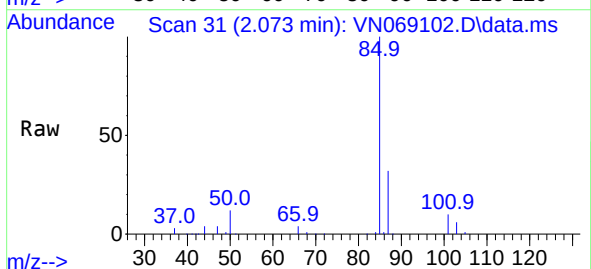
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.002 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



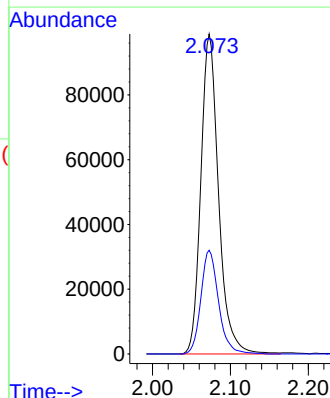
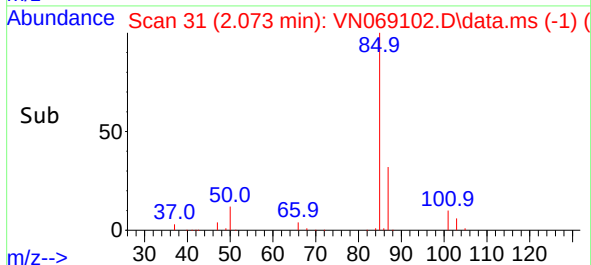
Tgt Ion:168 Resp: 291934  
Ion Ratio Lower Upper  
168 100  
99 63.5 48.9 73.3



#2  
Dichlorodifluoromethane  
Concen: 43.189 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



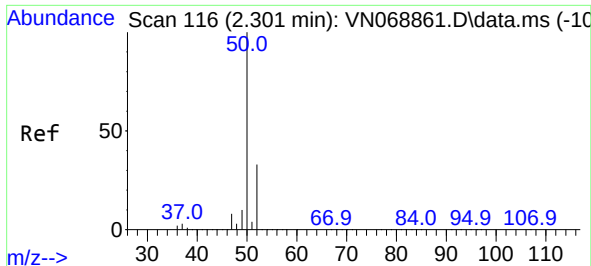
Tgt Ion: 85 Resp: 156372  
Ion Ratio Lower Upper  
85 100  
87 32.4 16.3 48.8



Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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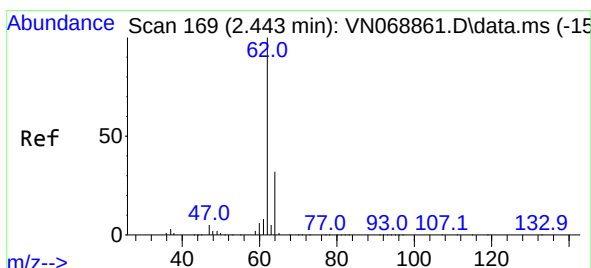
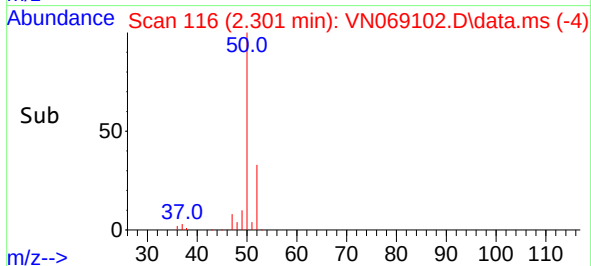
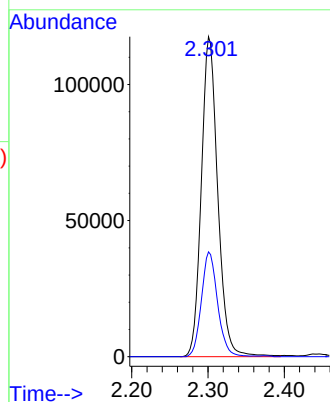
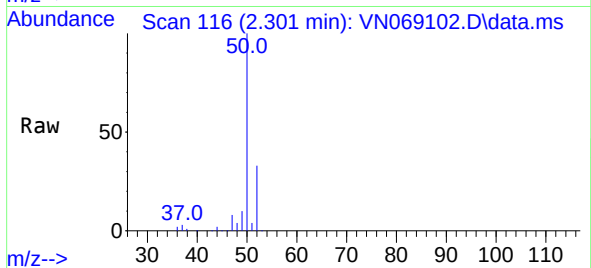
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Chloromethane  
Concen: 49.209 ug/l  
RT: 2.301 min Scan# 116  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 50 Resp: 175588  
Ion Ratio Lower Upper  
50 100  
52 32.8 26.3 39.5

Instrument :  
MSVOA\_N  
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VSTDCCC050EC

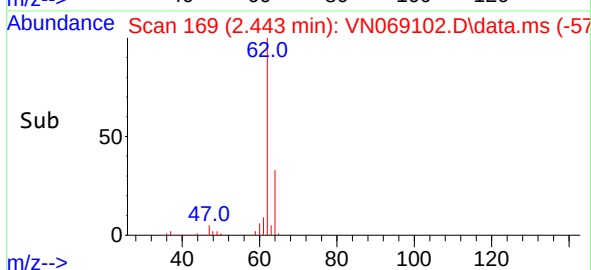
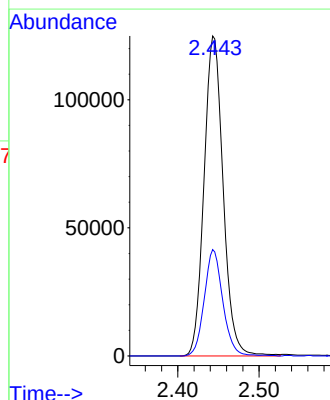
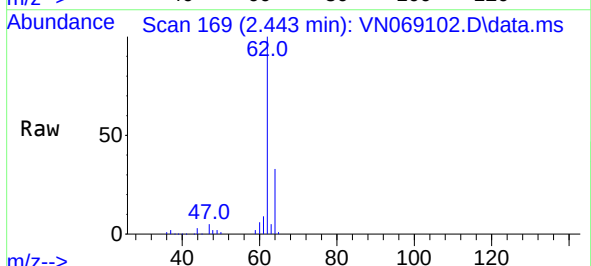
Manual Integrations  
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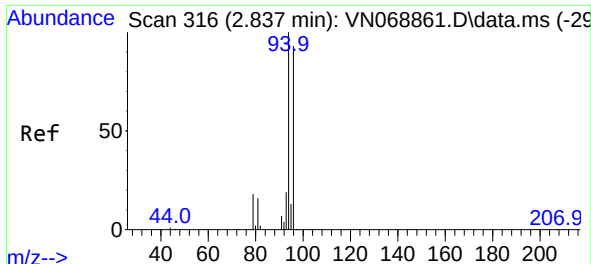
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10/22/2021 7:09:24 PM



#4  
Vinyl Chloride  
Concen: 56.339 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

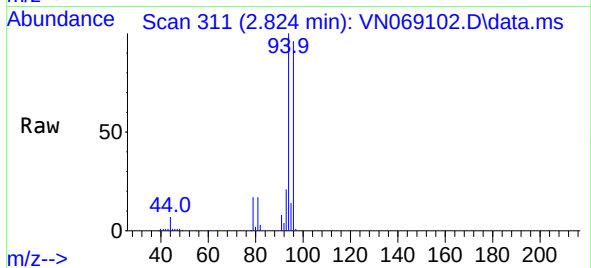
Tgt Ion: 62 Resp: 204187  
Ion Ratio Lower Upper  
62 100  
64 33.3 25.7 38.5





#5  
Bromomethane  
Concen: 66.837 ug/l  
RT: 2.824 min Scan# 311  
Delta R.T. -0.013 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

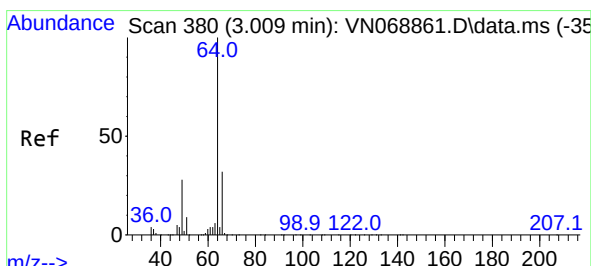
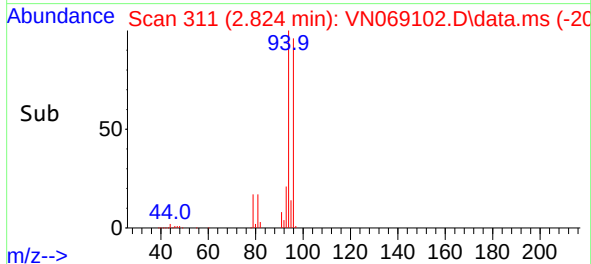
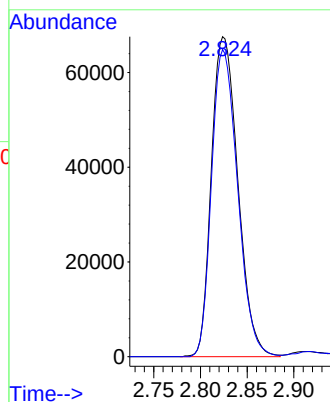
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 94 Resp: 133242  
Ion Ratio Lower Upper  
94 100  
96 95.9 74.2 111.4

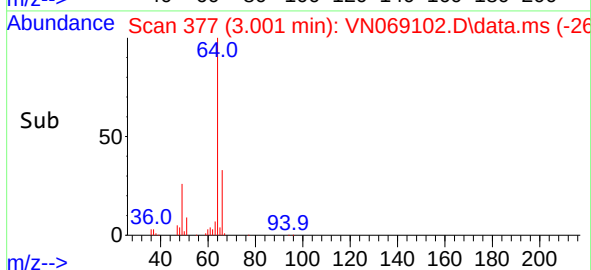
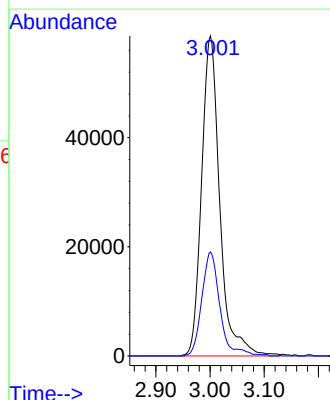
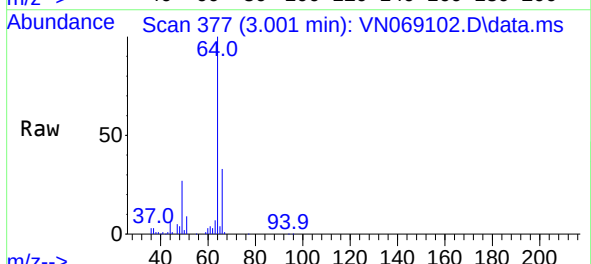
Manual Integrations  
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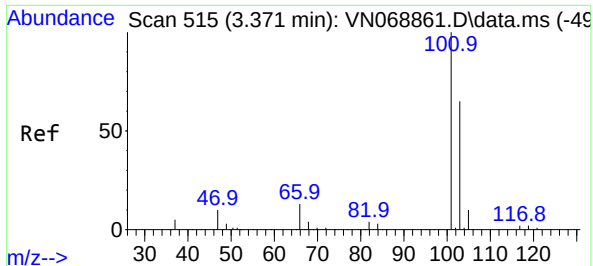
MMDadoda  
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#6  
Chloroethane  
Concen: 64.076 ug/l  
RT: 3.001 min Scan# 377  
Delta R.T. -0.008 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 64 Resp: 136861  
Ion Ratio Lower Upper  
64 100  
66 32.5 25.6 38.4





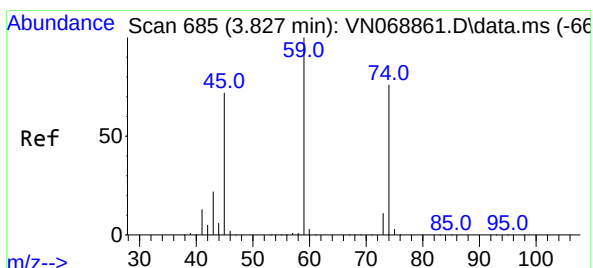
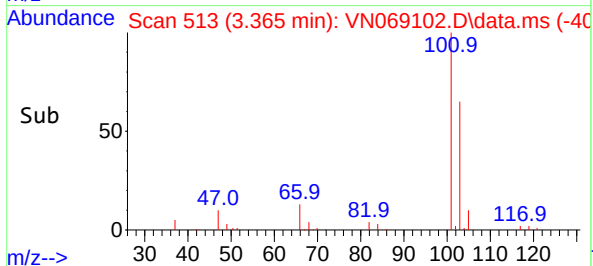
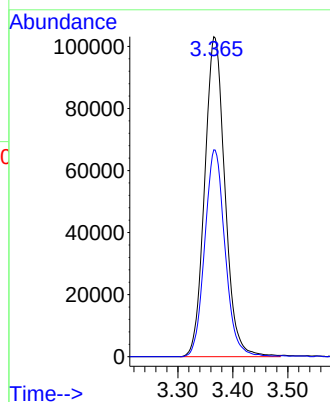
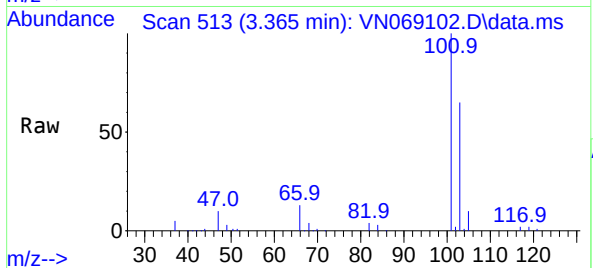
#7  
Trichlorofluoromethane  
Concen: 52.171 ug/l  
RT: 3.365 min Scan# 513  
Delta R.T. -0.005 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion:101 Resp: 264769  
Ion Ratio Lower Upper  
101 100  
103 64.7 51.7 77.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

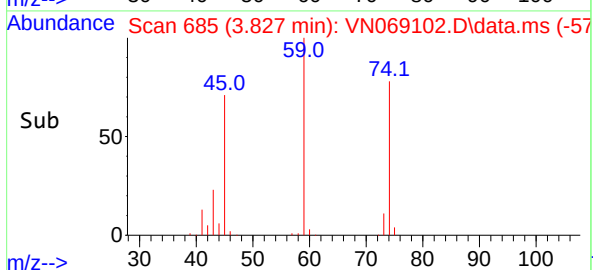
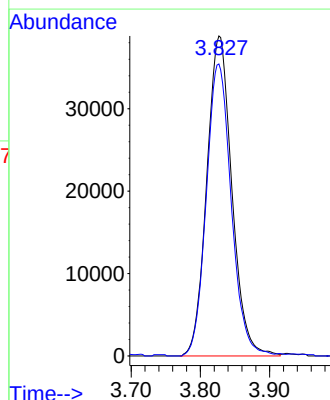
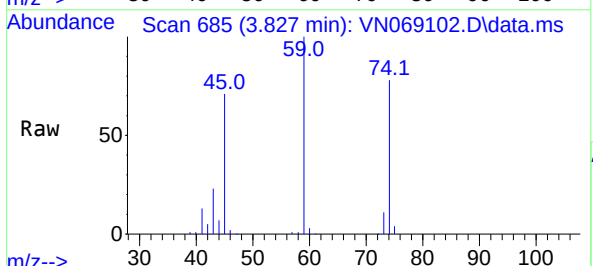
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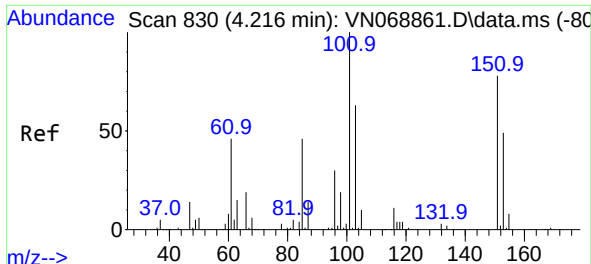


#8  
Diethyl Ether  
Concen: 51.719 ug/l  
RT: 3.827 min Scan# 685  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

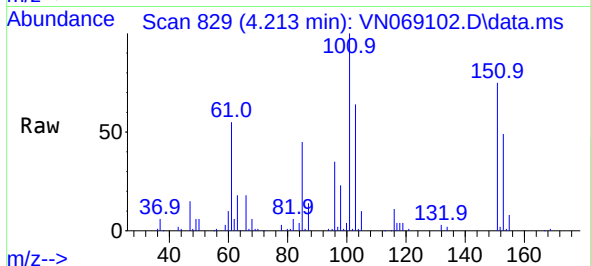
Tgt Ion: 74 Resp: 97904  
Ion Ratio Lower Upper  
74 100  
45 90.7 47.0 141.2



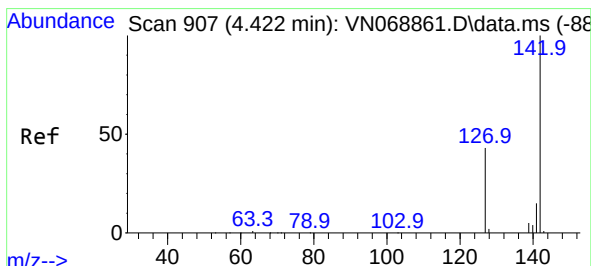
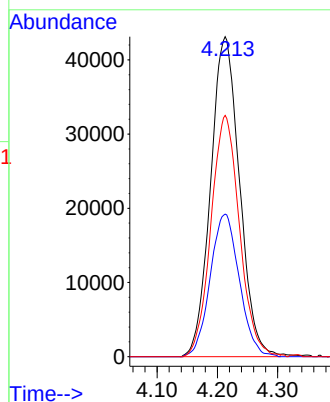
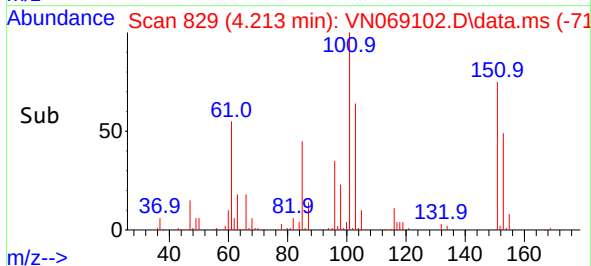




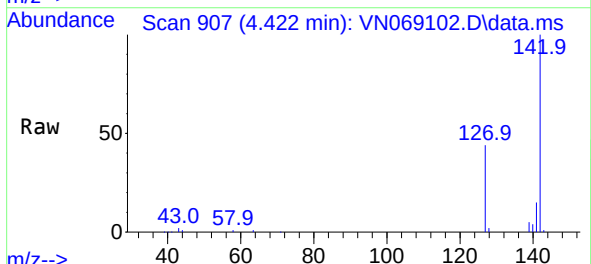
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 52.604 ug/l  
RT: 4.213 min Scan# 829  
Delta R.T. -0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



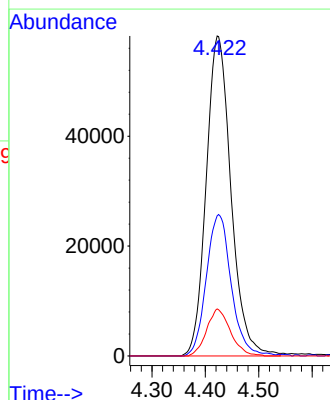
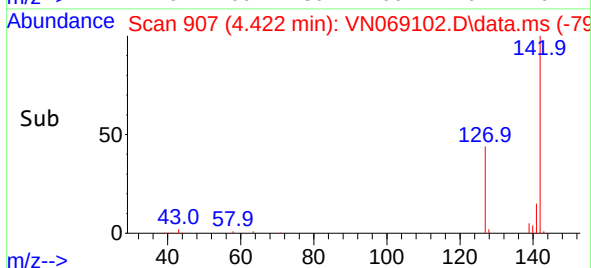
Tgt Ion:101 Resp: 143549  
Ion Ratio Lower Upper  
101 100  
85 44.9 37.2 55.8  
151 74.6 61.1 91.7



#10  
Methyl Iodide  
Concen: 47.424 ug/l  
RT: 4.422 min Scan# 907  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



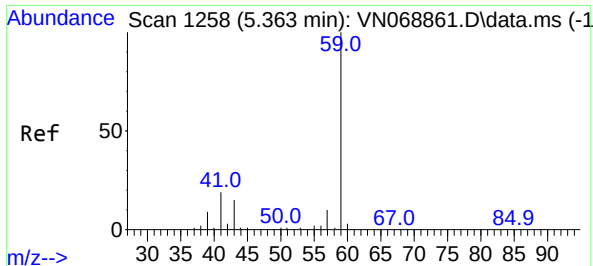
Tgt Ion:142 Resp: 187829  
Ion Ratio Lower Upper  
142 100  
127 44.0 34.4 51.6  
141 14.1 11.3 16.9



Instrument :  
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ClientSampleId :  
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#11

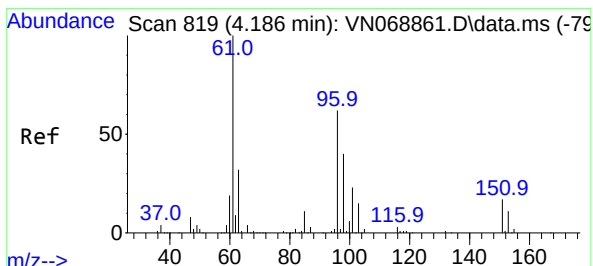
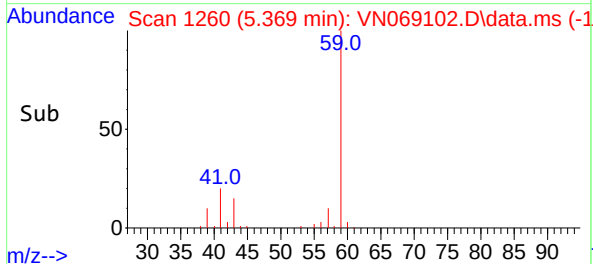
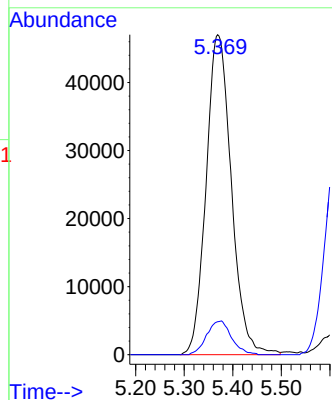
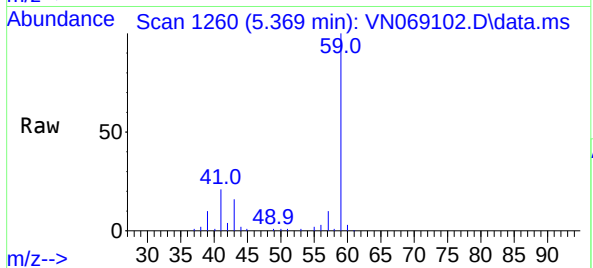
Tert butyl alcohol  
Concen: 241.482 ug/l  
RT: 5.369 min Scan# 1260  
Delta R.T. 0.005 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 59 Resp: 169840  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.3 12.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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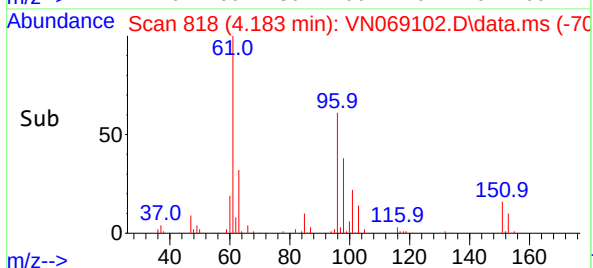
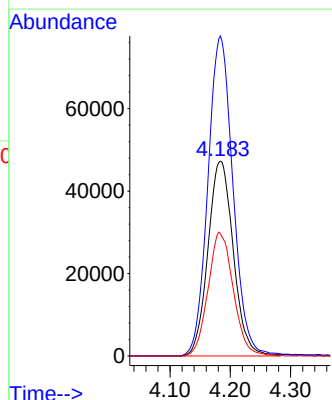
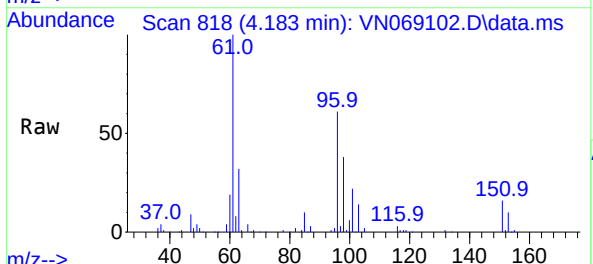
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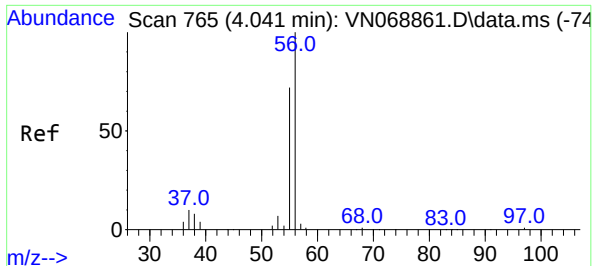


#12

1,1-Dichloroethene  
Concen: 49.020 ug/l  
RT: 4.183 min Scan# 818  
Delta R.T. -0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 96 Resp: 138278  
Ion Ratio Lower Upper  
96 100  
61 164.3 129.8 194.6  
98 62.9 51.4 77.2





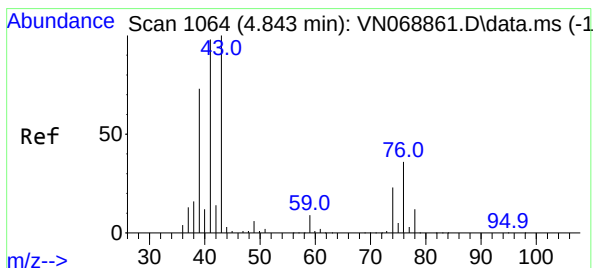
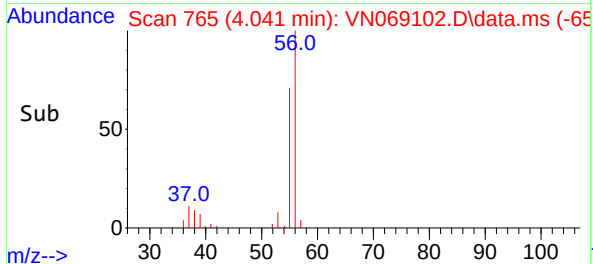
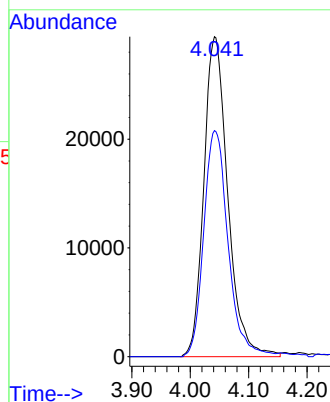
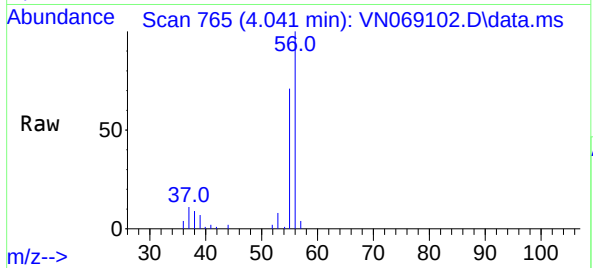
#13  
Acrolein  
Concen: 269.131 ug/l  
RT: 4.041 min Scan# 765  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 56 Resp: 83735  
Ion Ratio Lower Upper  
56 100  
55 71.8 58.1 87.1

Instrument :  
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ClientSampleId :  
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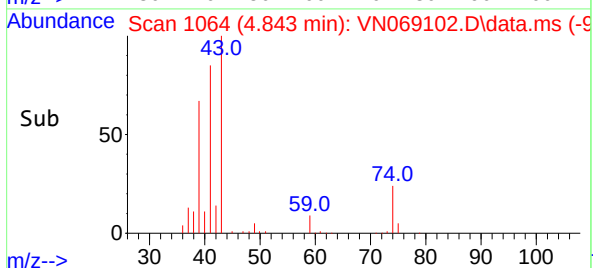
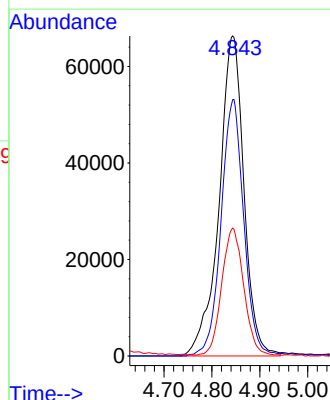
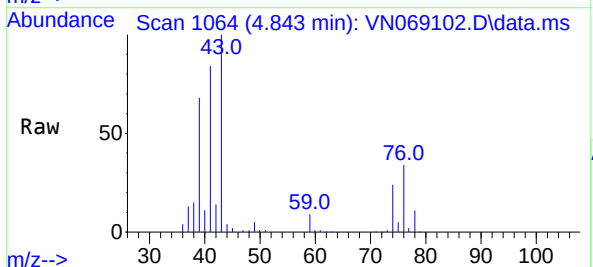
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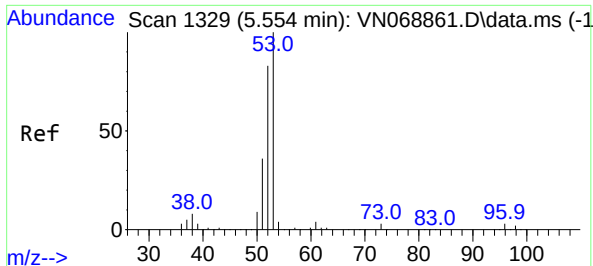
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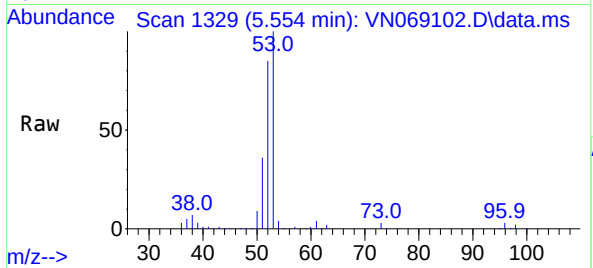
#14  
Allyl chloride  
Concen: 47.202 ug/l  
RT: 4.843 min Scan# 1064  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 41 Resp: 238688  
Ion Ratio Lower Upper  
41 100  
39 73.0 55.6 83.4  
76 34.8 26.4 39.6

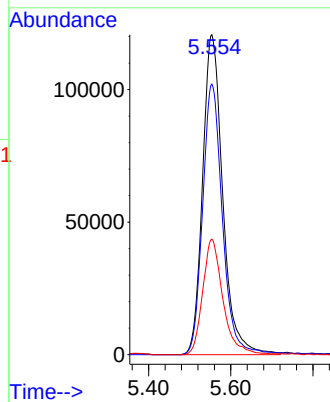
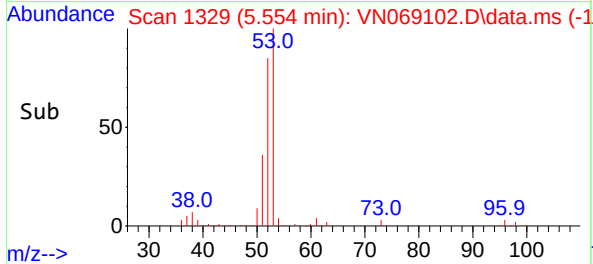




#15  
Acrylonitrile  
Concen: 261.008 ug/l  
RT: 5.554 min Scan# 1329  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



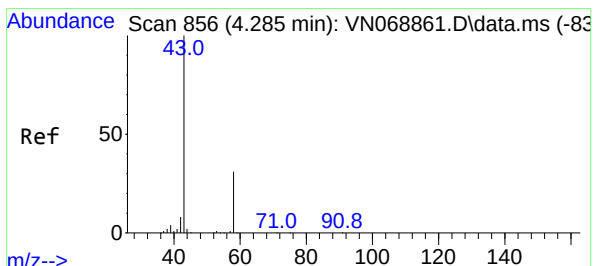
Tgt Ion: 53 Resp: 411336  
Ion Ratio Lower Upper  
53 100  
52 83.2 65.7 98.5  
51 36.1 28.9 43.3



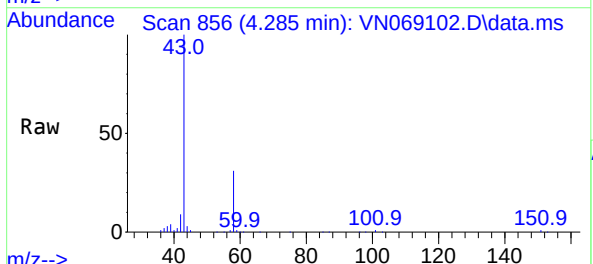
Instrument :  
MSVOA\_N  
ClientSampleId :  
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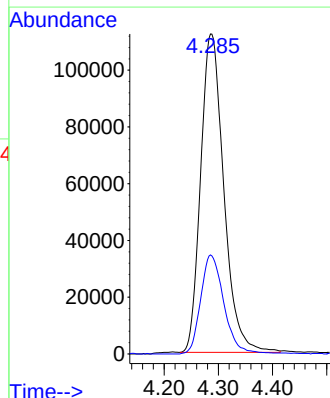
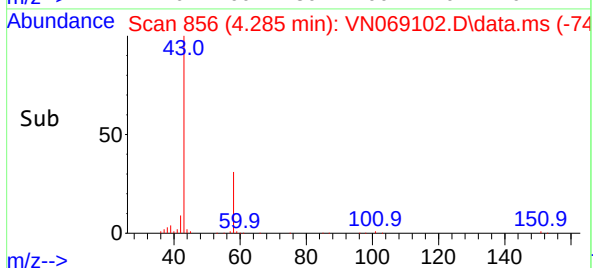
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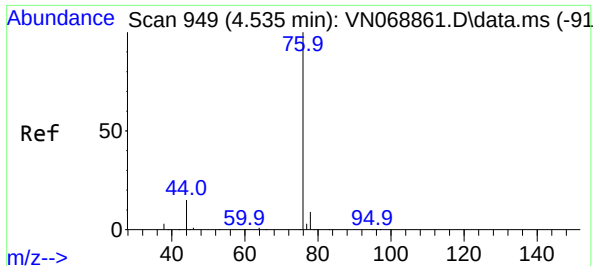


#16  
Acetone  
Concen: 231.905 ug/l  
RT: 4.285 min Scan# 856  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



Tgt Ion: 43 Resp: 333106  
Ion Ratio Lower Upper  
43 100  
58 31.1 24.5 36.7





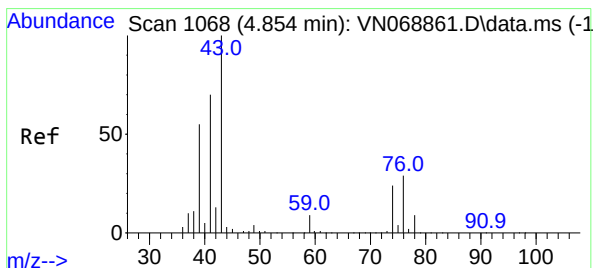
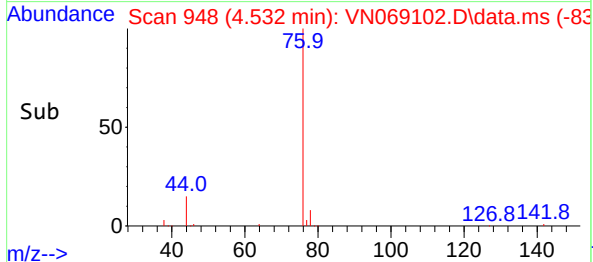
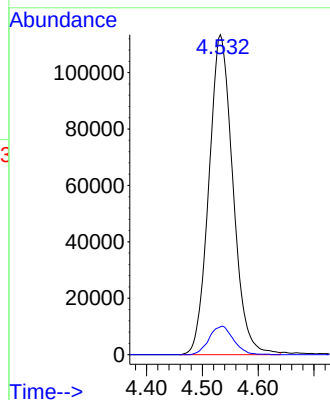
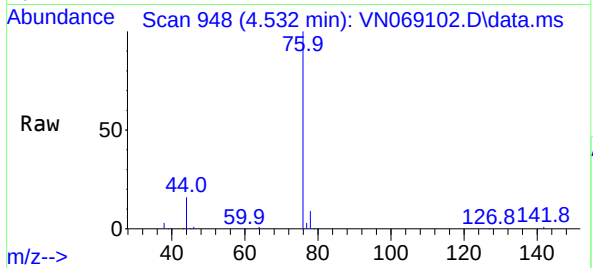
#17  
Carbon Disulfide  
Concen: 44.367 ug/l  
RT: 4.532 min Scan# 948  
Delta R.T. -0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 76 Resp: 339656  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.2 10.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
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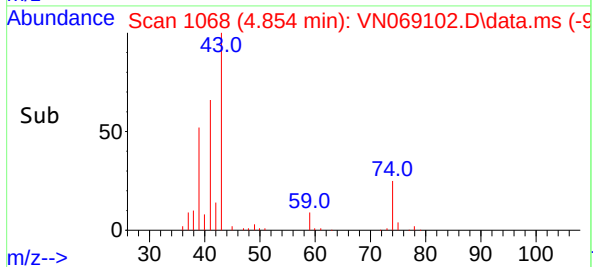
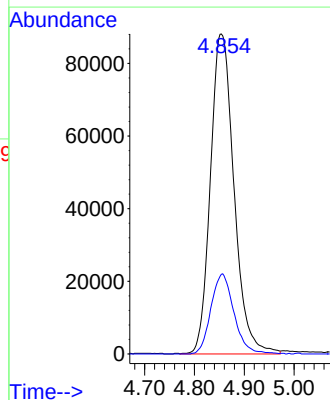
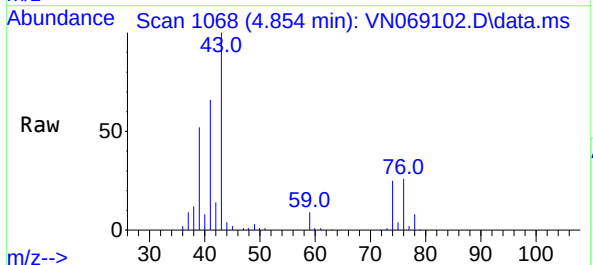
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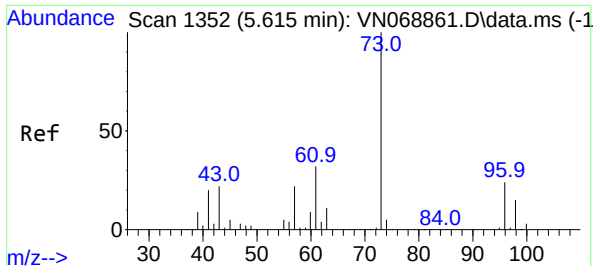
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#18  
Methyl Acetate  
Concen: 53.204 ug/l  
RT: 4.854 min Scan# 1068  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 43 Resp: 289870  
Ion Ratio Lower Upper  
43 100  
74 24.4 18.9 28.3





#19

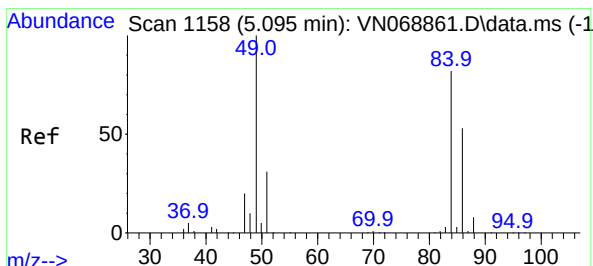
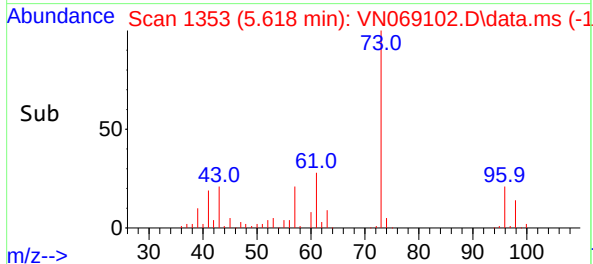
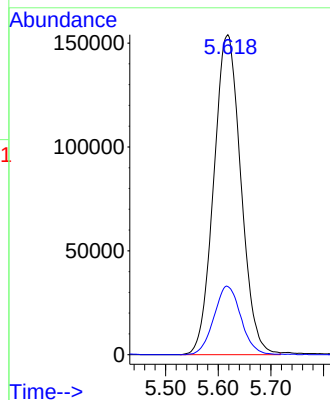
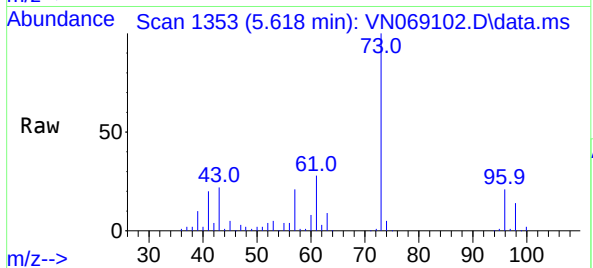
Methyl tert-butyl Ether  
Concen: 52.540 ug/l  
RT: 5.618 min Scan# 1353  
Delta R.T. 0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 73 Resp: 551853  
Ion Ratio Lower Upper  
73 100  
57 21.3 17.3 25.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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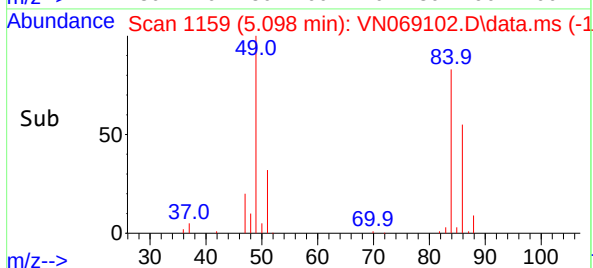
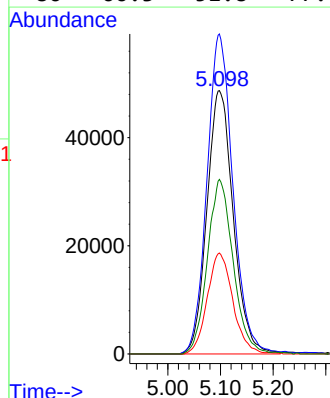
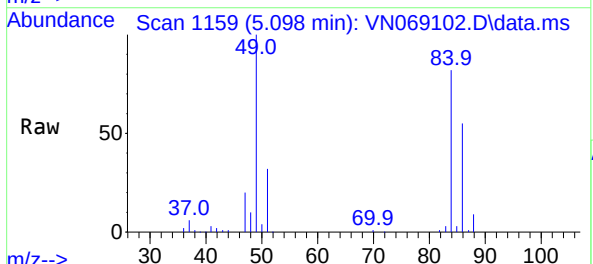
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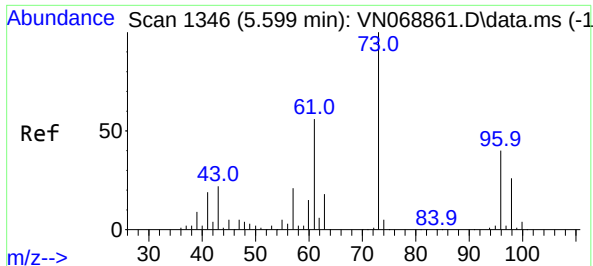


#20

Methylene Chloride  
Concen: 51.350 ug/l  
RT: 5.098 min Scan# 1159  
Delta R.T. 0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 84 Resp: 169765  
Ion Ratio Lower Upper  
84 100  
49 121.5 97.6 146.4  
51 38.3 30.3 45.5  
86 66.3 51.8 77.6





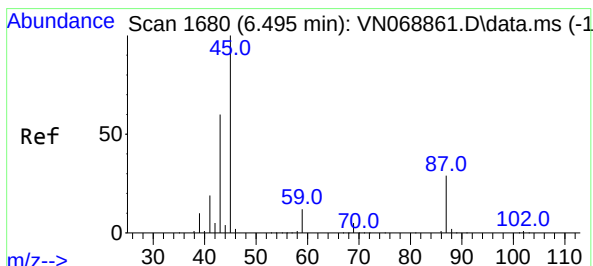
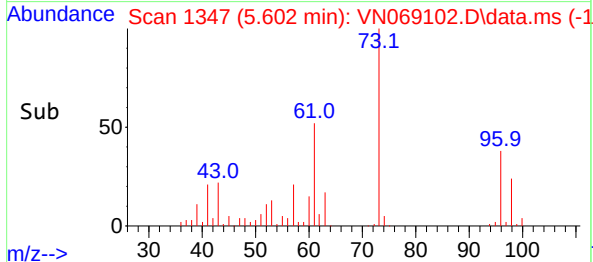
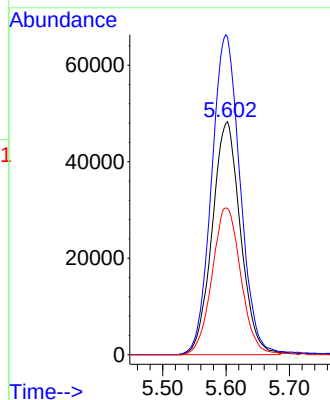
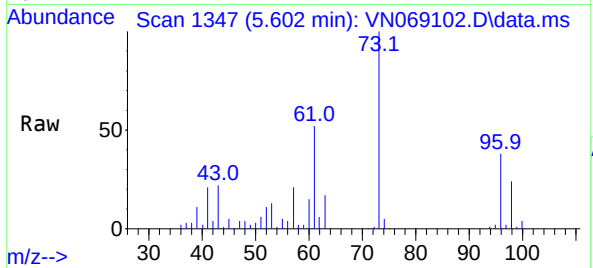
#21  
trans-1,2-Dichloroethene  
Concen: 49.180 ug/l  
RT: 5.602 min Scan# 1347  
Delta R.T. 0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 96 Resp: 149875  
Ion Ratio Lower Upper  
96 100  
61 135.9 112.4 168.6  
98 62.8 52.0 78.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

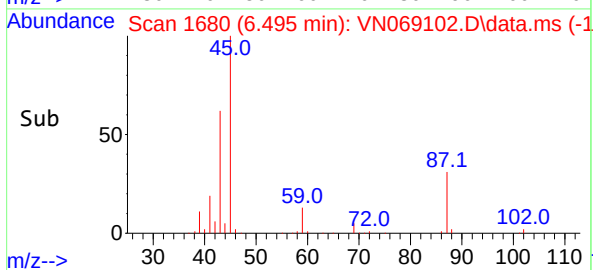
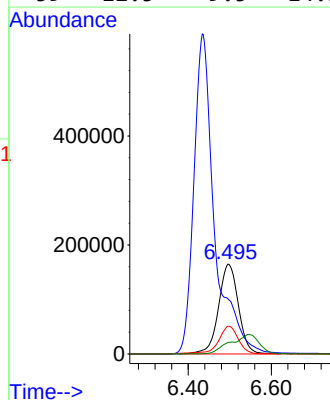
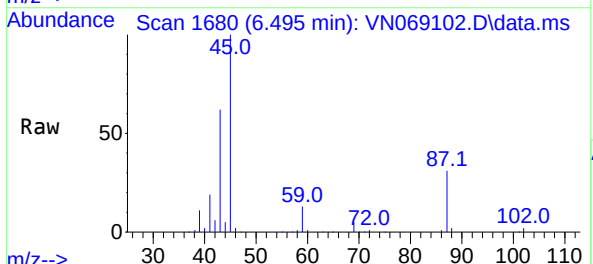
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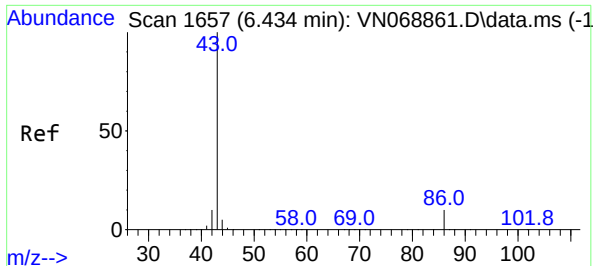
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#22  
Diisopropyl ether  
Concen: 52.212 ug/l  
RT: 6.495 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 45 Resp: 549057  
Ion Ratio Lower Upper  
45 100  
43 60.4 48.0 72.0  
87 30.7 23.4 35.0  
59 12.5 9.5 14.3





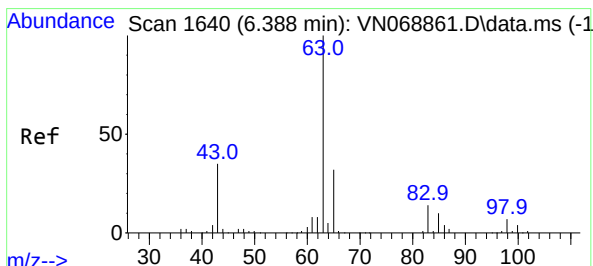
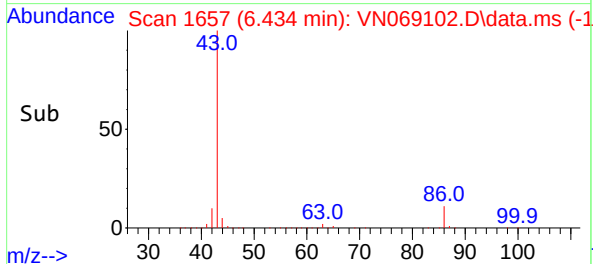
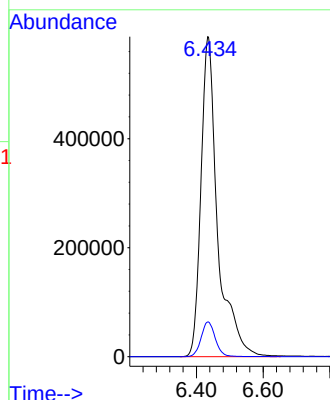
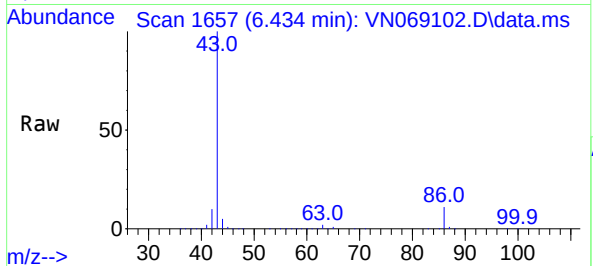
#23  
 Vinyl Acetate  
 Concen: 256.284 ug/l  
 RT: 6.434 min Scan# 1657  
 Delta R.T. 0.000 min  
 Lab File: VN069102.D  
 Acq: 21 Oct 2021 21:05

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

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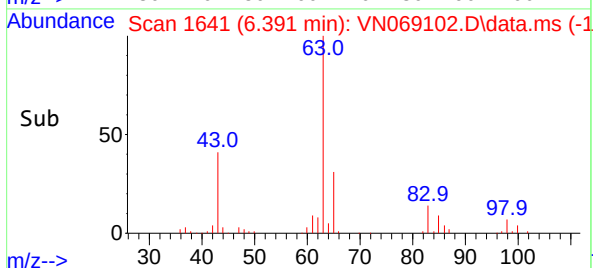
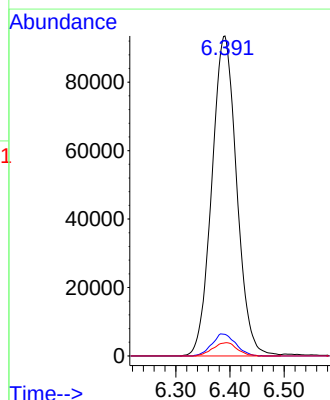
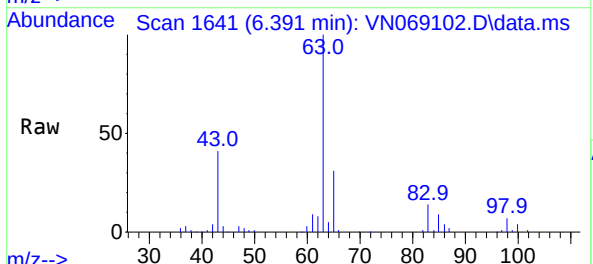
MMDadoda  
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Tgt Ion: 43 Resp: 2037433  
 Ion Ratio Lower Upper  
 43 100  
 86 10.9 8.3 12.5

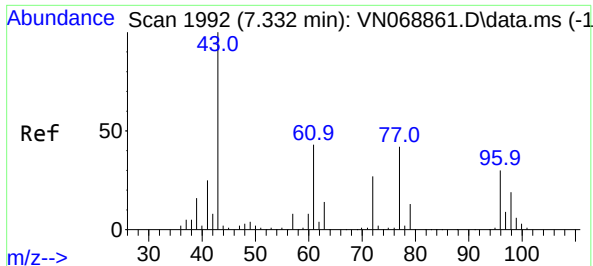


#24  
 1,1-Dichloroethane  
 Concen: 52.130 ug/l  
 RT: 6.391 min Scan# 1641  
 Delta R.T. 0.003 min  
 Lab File: VN069102.D  
 Acq: 21 Oct 2021 21:05

Tgt Ion: 63 Resp: 297849  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.5 10.4  
 100 4.1 2.1 6.5







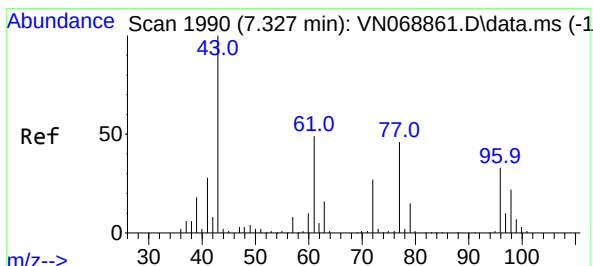
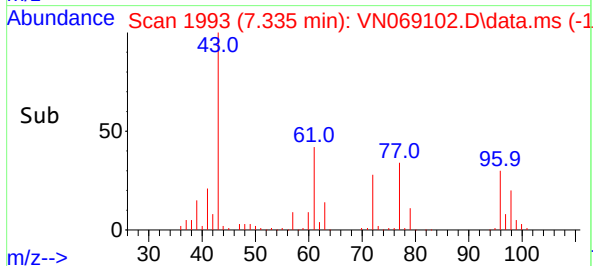
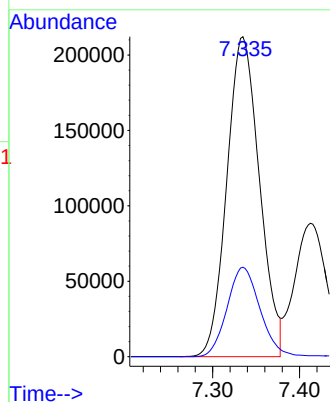
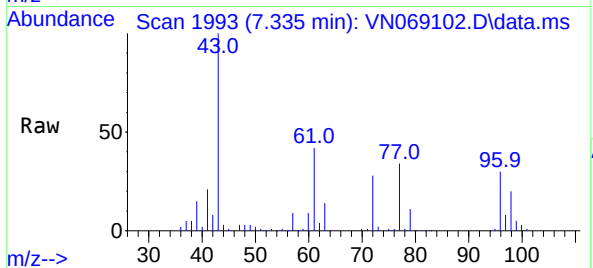
#25  
2-Butanone  
Concen: 254.455 ug/l  
RT: 7.335 min Scan# 1993  
Delta R.T. 0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 43 Resp: 552694  
Ion Ratio Lower Upper  
43 100  
72 27.9 21.2 31.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

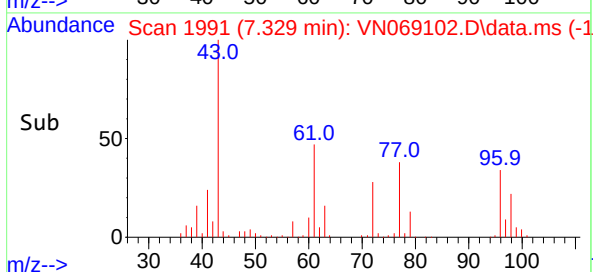
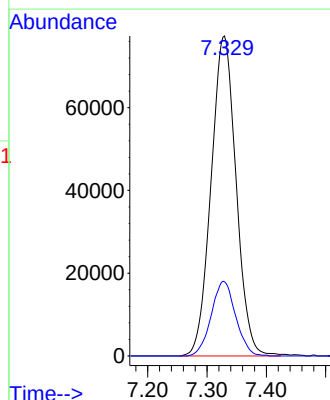
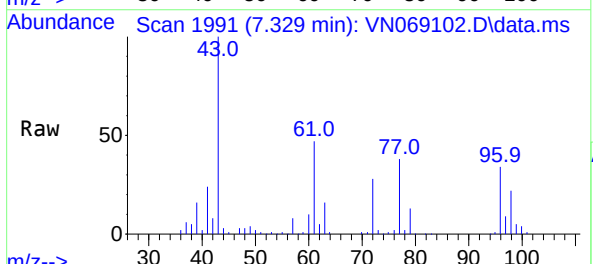
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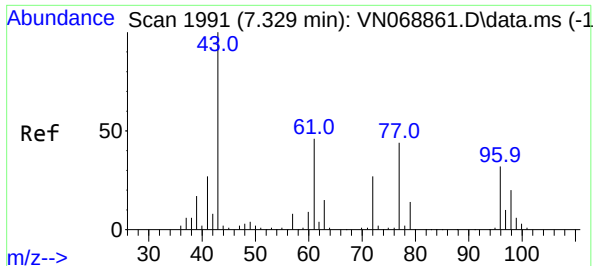
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#26  
2,2-Dichloropropane  
Concen: 41.565 ug/l  
RT: 7.329 min Scan# 1991  
Delta R.T. 0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 77 Resp: 226325  
Ion Ratio Lower Upper  
77 100  
97 22.8 11.2 33.6





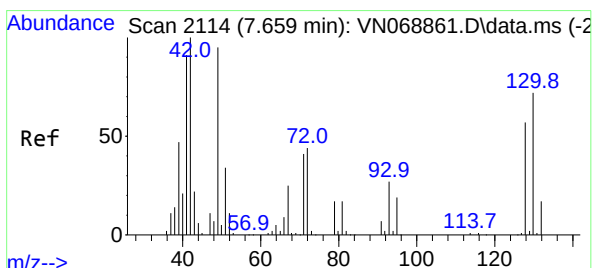
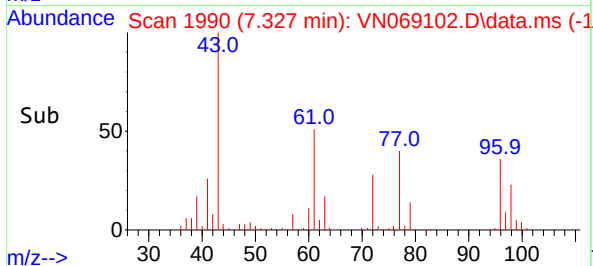
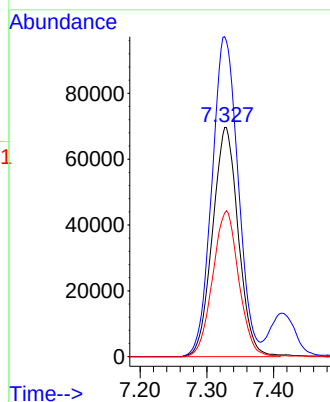
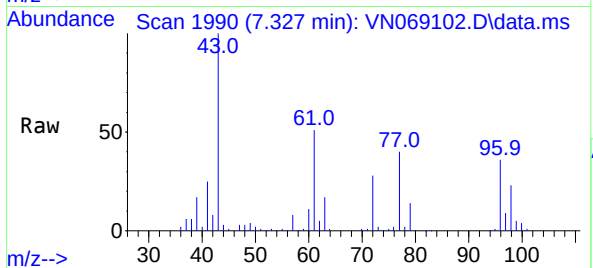
#27  
cis-1,2-Dichloroethene  
Concen: 50.799 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. -0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 96 Resp: 187140  
Ion Ratio Lower Upper  
96 100  
61 141.9 0.0 290.6  
98 64.3 0.0 127.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

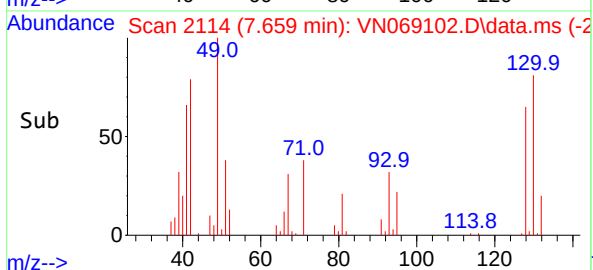
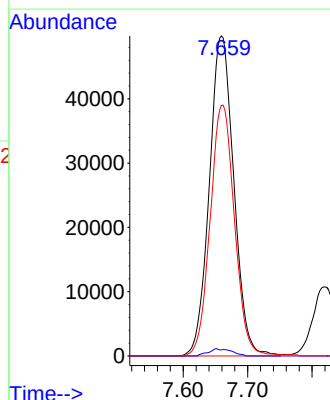
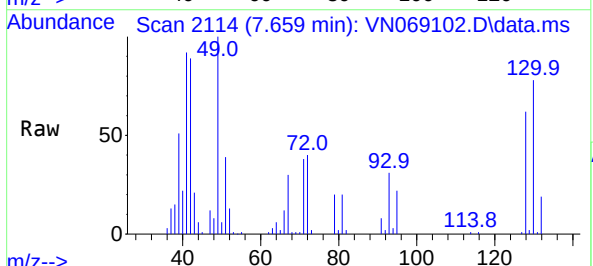
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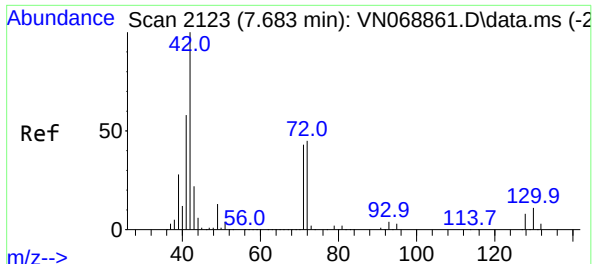
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#28  
Bromochloromethane  
Concen: 50.818 ug/l  
RT: 7.659 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 49 Resp: 131505  
Ion Ratio Lower Upper  
49 100  
129 1.2 0.0 4.4  
130 77.7 60.8 91.2





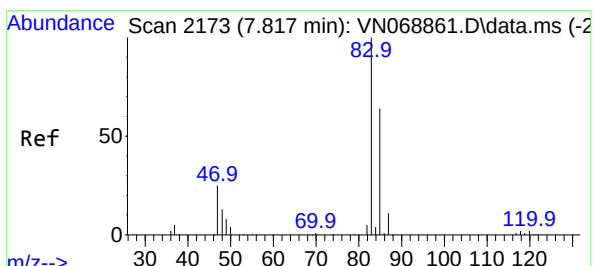
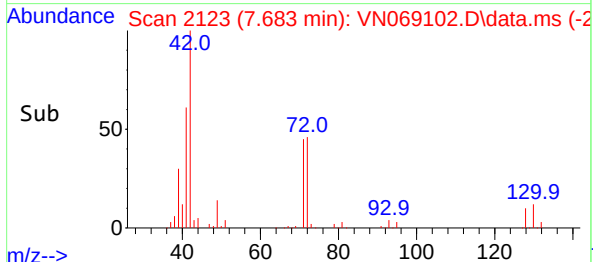
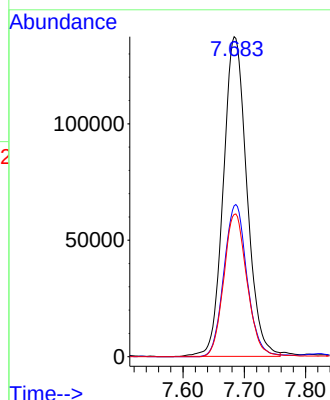
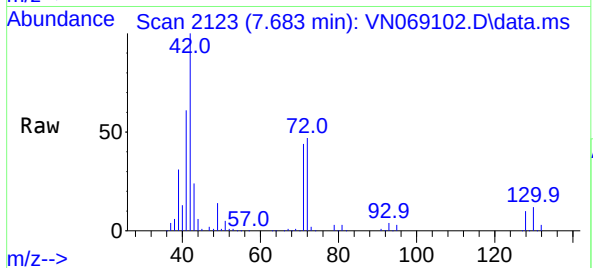
#29  
Tetrahydrofuran  
Concen: 260.068 ug/l  
RT: 7.683 min Scan# 2123  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 42 Resp: 366408  
Ion Ratio Lower Upper  
42 100  
72 47.0 35.4 53.2  
71 44.1 33.8 50.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

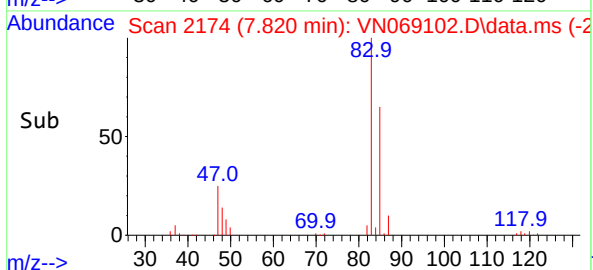
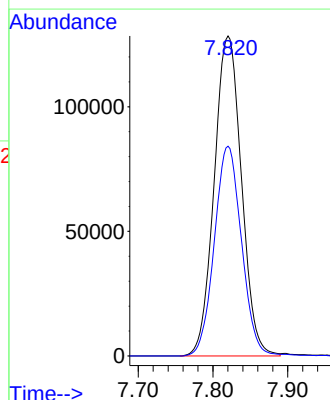
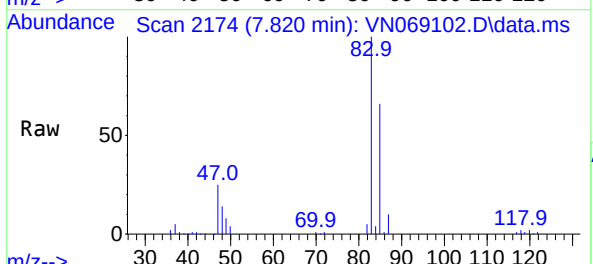
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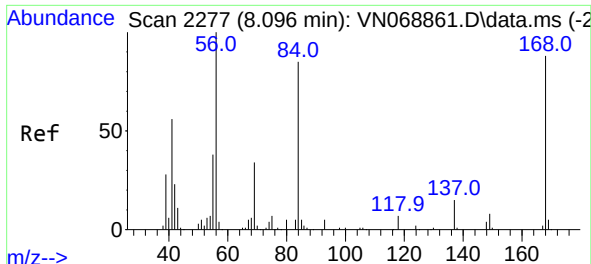
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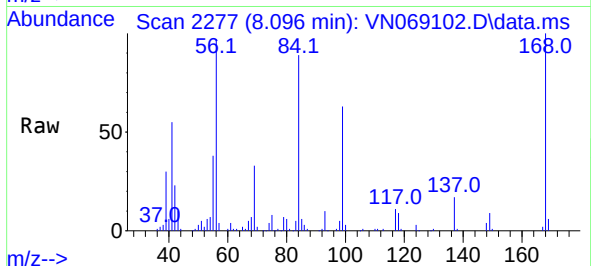
#30  
Chloroform  
Concen: 54.097 ug/l  
RT: 7.820 min Scan# 2174  
Delta R.T. 0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 83 Resp: 325739  
Ion Ratio Lower Upper  
83 100  
85 65.6 51.1 76.7



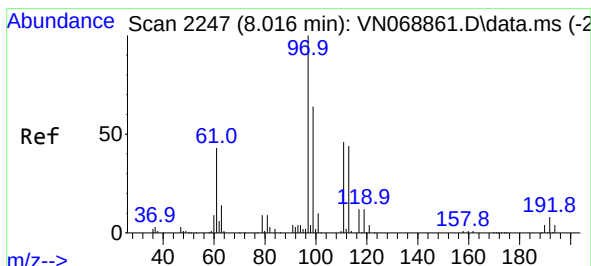
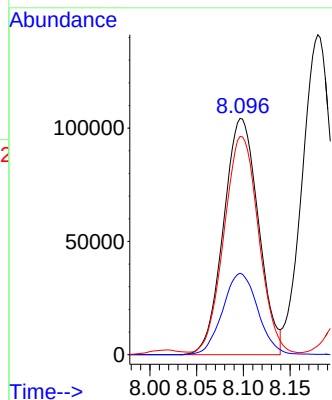
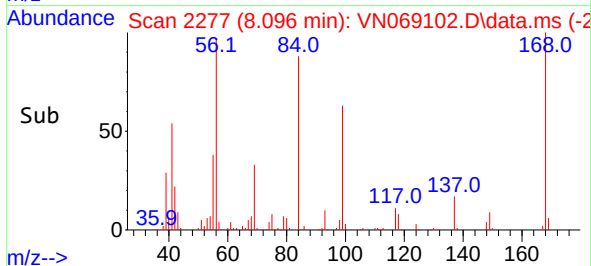


#31  
Cyclohexane  
Concen: 45.300 ug/l  
RT: 8.096 min Scan# 2277  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

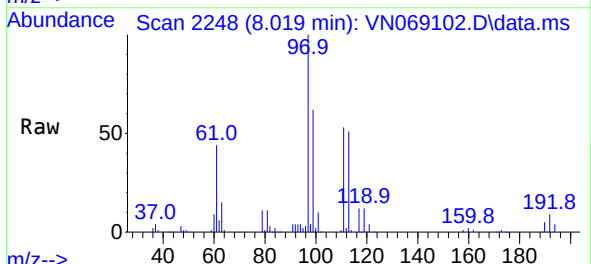


Tgt Ion: 56 Resp: 271105

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 34.5  | 26.9  | 40.3  |
| 84  | 91.0  | 67.6  | 101.4 |

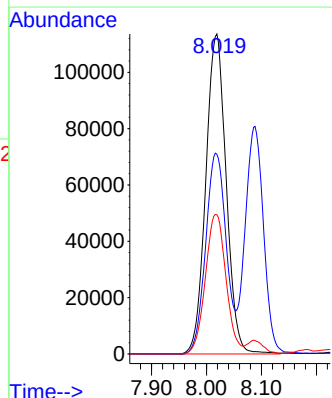
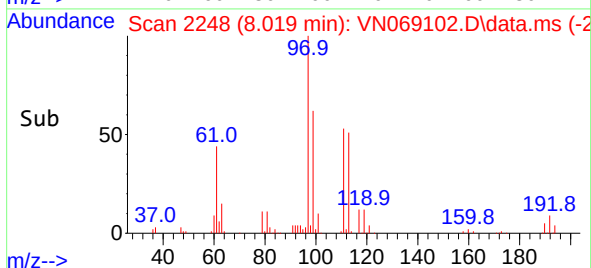


#32  
1,1,1-Trichloroethane  
Concen: 52.185 ug/l  
RT: 8.019 min Scan# 2248  
Delta R.T. 0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



Tgt Ion: 97 Resp: 292927

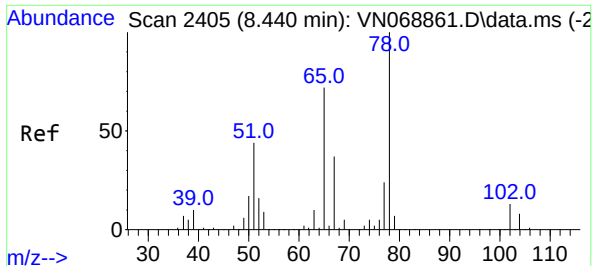
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 63.2  | 50.8  | 76.2  |
| 61  | 44.2  | 34.6  | 51.8  |



Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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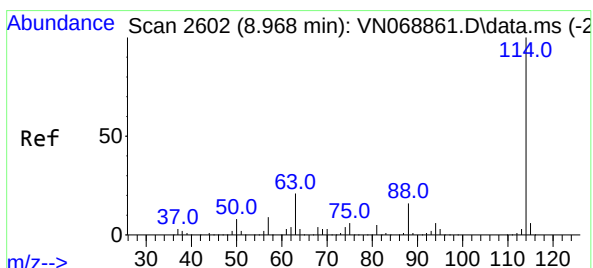
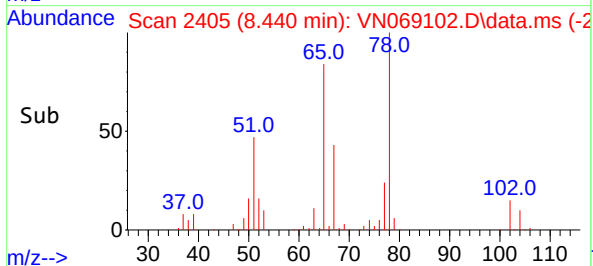
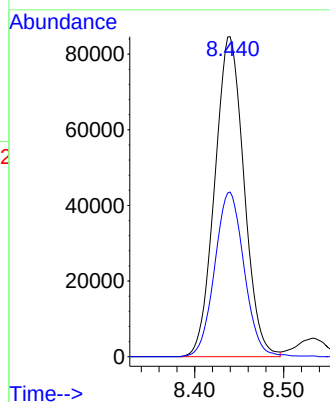
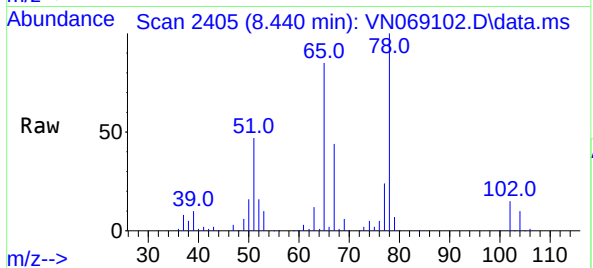
#33  
 1,2-Dichloroethane-d4  
 Concen: 50.231 ug/l  
 RT: 8.440 min Scan# 2405  
 Delta R.T. 0.000 min  
 Lab File: VN069102.D  
 Acq: 21 Oct 2021 21:05

Tgt Ion: 65 Resp: 193341  
 Ion Ratio Lower Upper  
 65 100  
 67 51.7 0.0 103.8

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

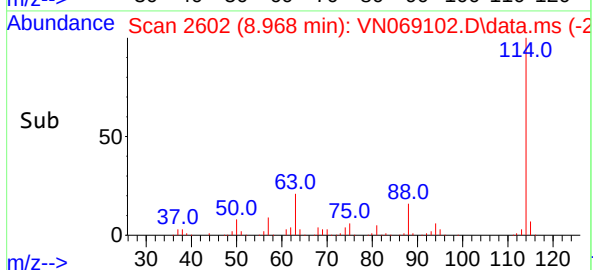
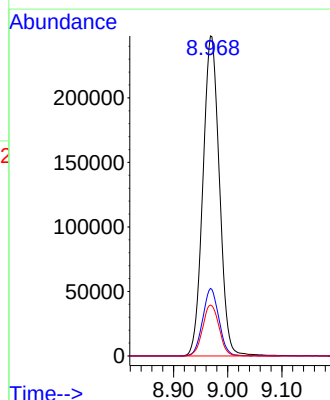
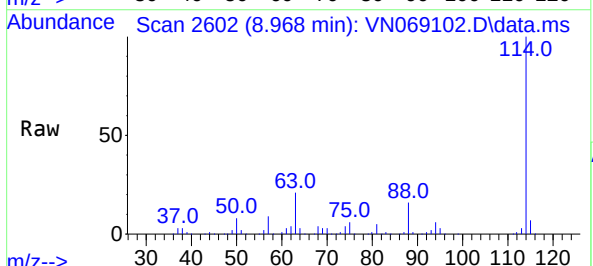
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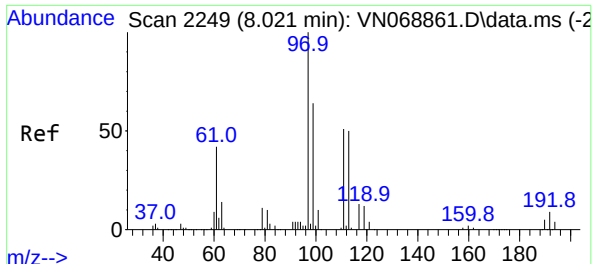
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.968 min Scan# 2602  
 Delta R.T. 0.000 min  
 Lab File: VN069102.D  
 Acq: 21 Oct 2021 21:05

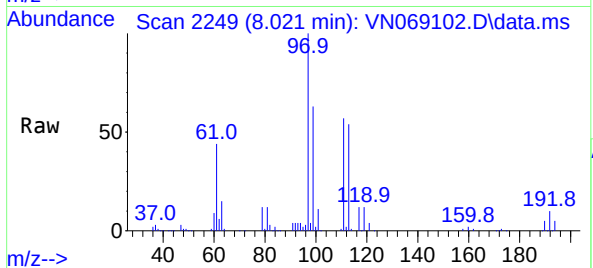
Tgt Ion: 114 Resp: 524019  
 Ion Ratio Lower Upper  
 114 100  
 63 21.1 0.0 42.6  
 88 15.9 0.0 32.0





#35  
Dibromofluoromethane  
Concen: 48.360 ug/l  
RT: 8.021 min Scan# 2249  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

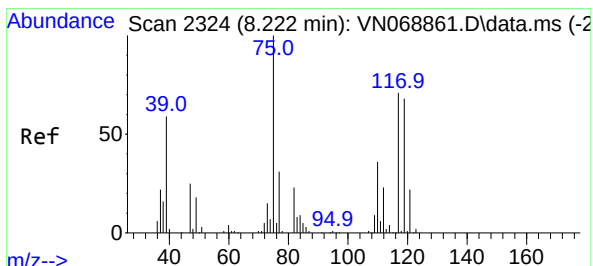
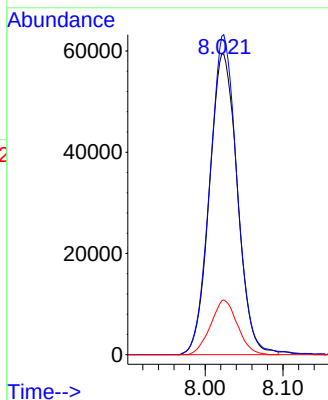
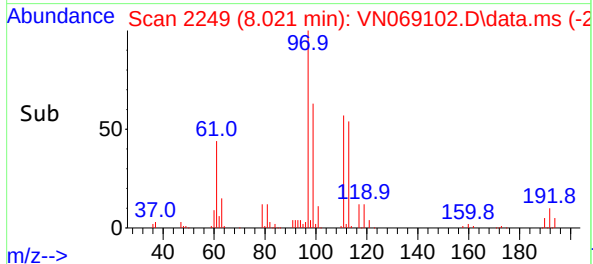
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



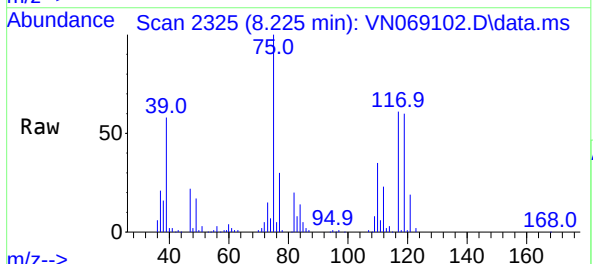
Tgt Ion:113 Resp: 147441  
Ion Ratio Lower Upper  
113 100  
111 104.2 83.2 124.8  
192 17.5 15.0 22.4

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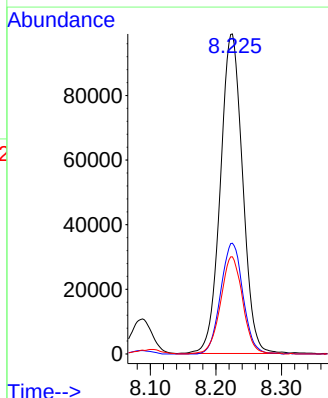
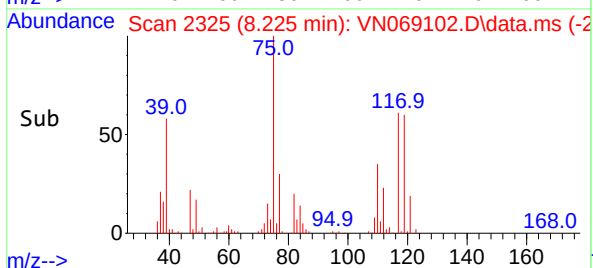
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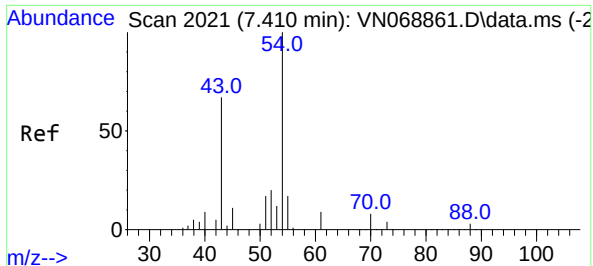


#36  
1,1-Dichloropropene  
Concen: 51.927 ug/l  
RT: 8.225 min Scan# 2325  
Delta R.T. 0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



Tgt Ion: 75 Resp: 232423  
Ion Ratio Lower Upper  
75 100  
110 34.8 17.9 53.8  
77 30.4 24.7 37.1





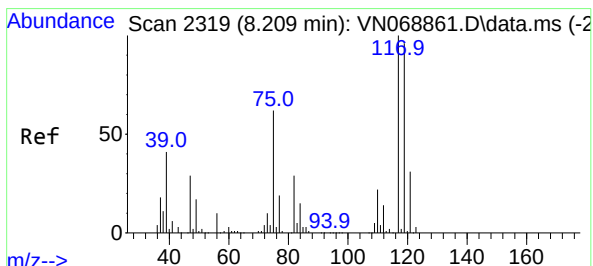
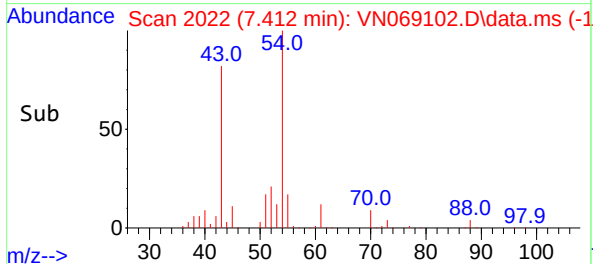
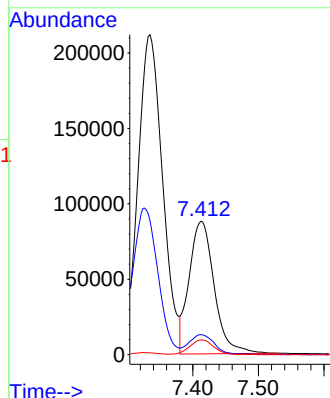
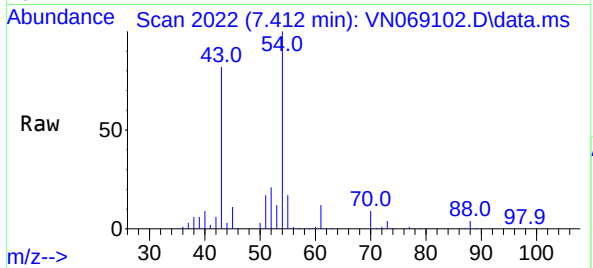
#37  
Ethyl Acetate  
Concen: 50.623 ug/l  
RT: 7.412 min Scan# 2022  
Delta R.T. 0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 43 Resp: 234016  
Ion Ratio Lower Upper  
43 100  
61 15.0 11.2 16.8  
70 10.7 8.4 12.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

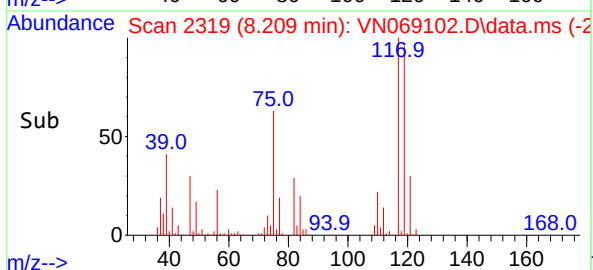
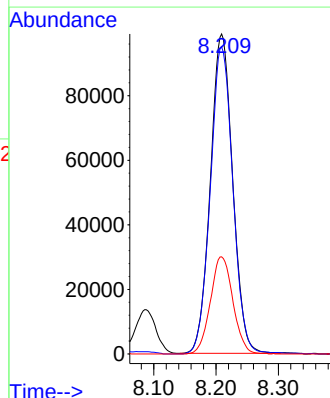
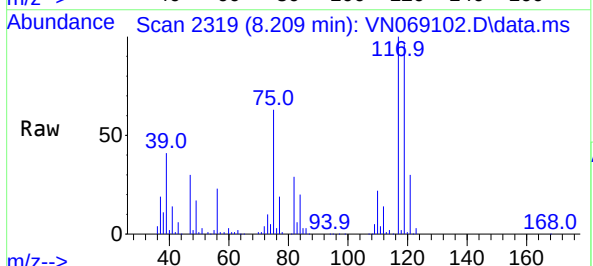
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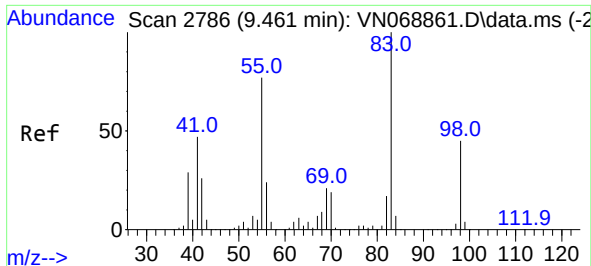
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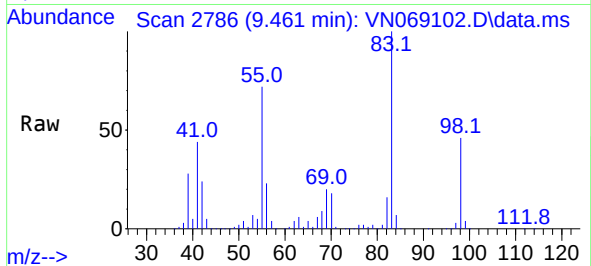
#38  
Carbon Tetrachloride  
Concen: 50.042 ug/l  
RT: 8.209 min Scan# 2319  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 117 Resp: 245997  
Ion Ratio Lower Upper  
117 100  
119 96.1 76.9 115.3  
121 30.4 24.6 37.0

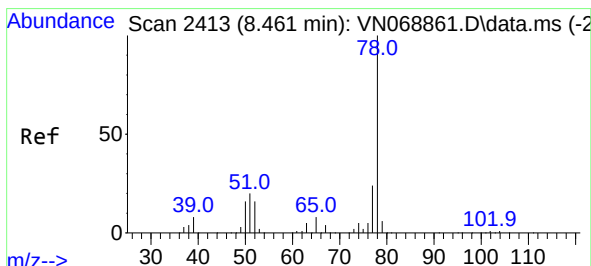
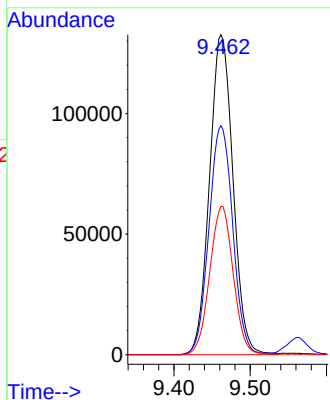
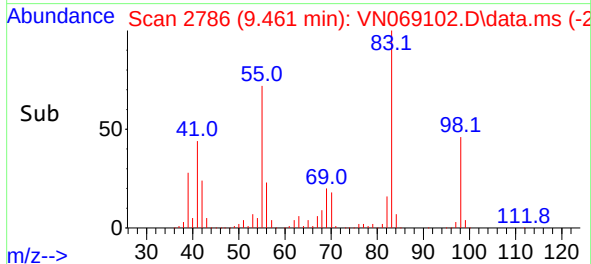




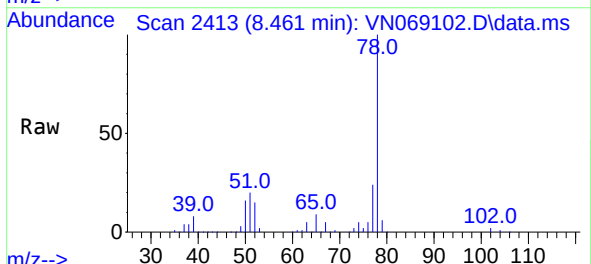
#39  
Methylcyclohexane  
Concen: 49.211 ug/l  
RT: 9.461 min Scan# 2786  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



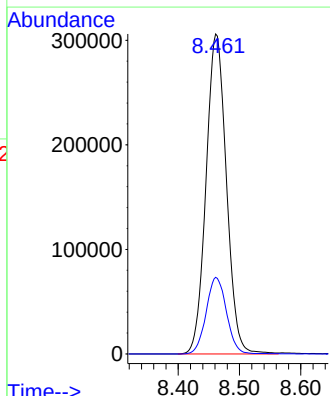
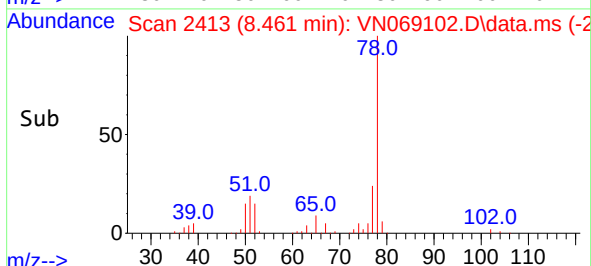
Tgt Ion: 83 Resp: 283502  
Ion Ratio Lower Upper  
83 100  
55 71.6 61.4 92.0  
98 46.3 36.4 54.6



#40  
Benzene  
Concen: 51.840 ug/l  
RT: 8.461 min Scan# 2413  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



Tgt Ion: 78 Resp: 706551  
Ion Ratio Lower Upper  
78 100  
77 24.0 19.1 28.7

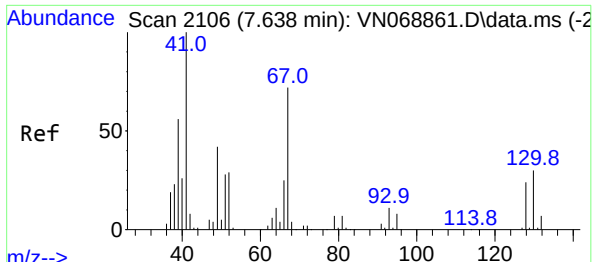


Instrument :  
MSVOA\_N  
ClientSampleId :  
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#41  
Methacrylonitrile  
Concen: 50.213 ug/l  
RT: 7.638 min Scan# 2106  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

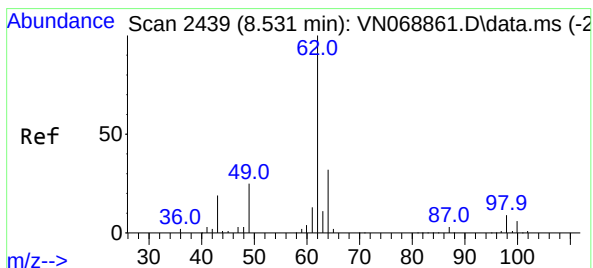
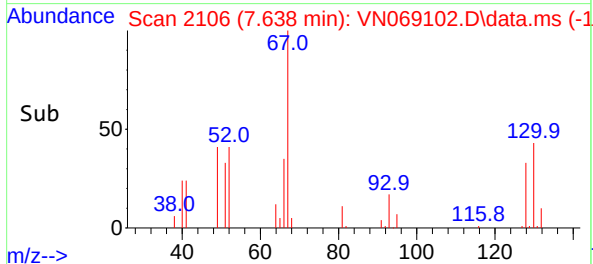
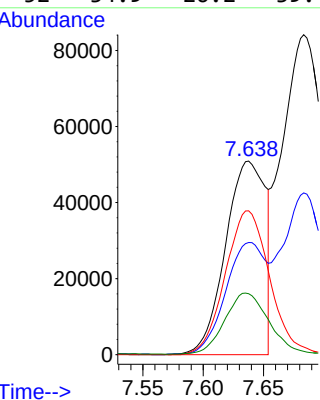
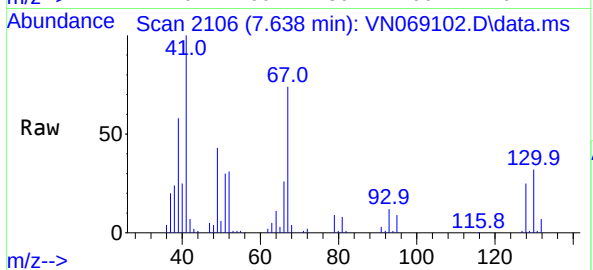
Tgt Ion: 41 Resp: 117008

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 57.8  | 44.9  | 67.3  |
| 67  | 83.5  | 62.6  | 93.8  |
| 52  | 34.9  | 26.2  | 39.4  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
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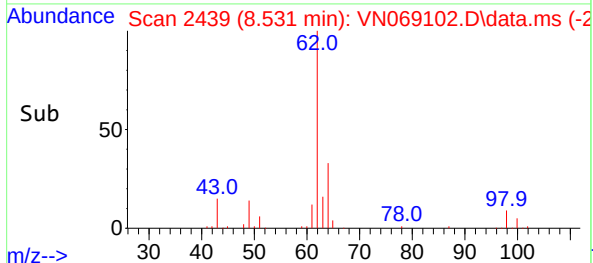
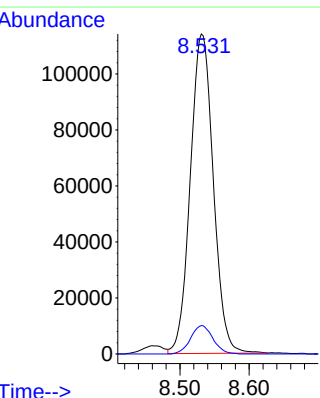
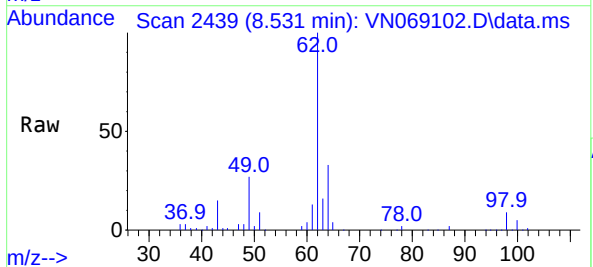
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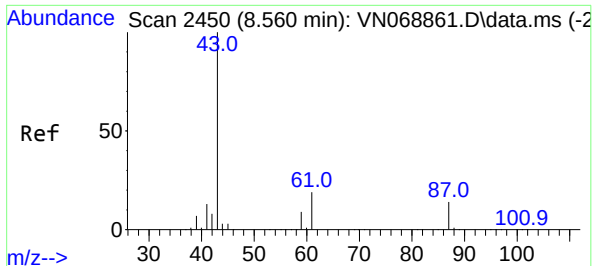


#42  
1,2-Dichloroethane  
Concen: 54.480 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

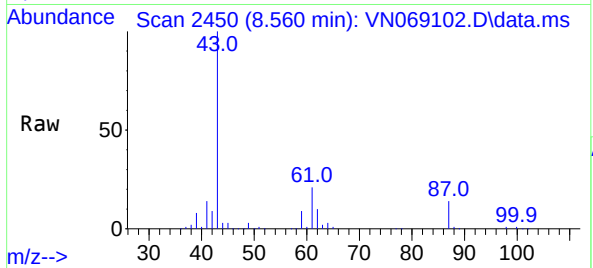
Tgt Ion: 62 Resp: 262941

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.6   | 0.0   | 17.2  |

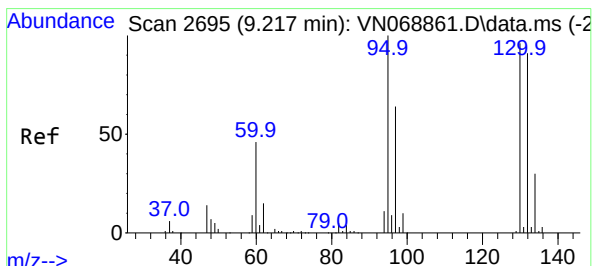
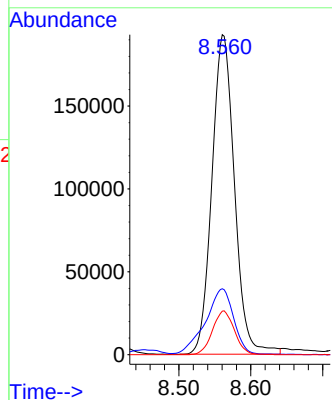
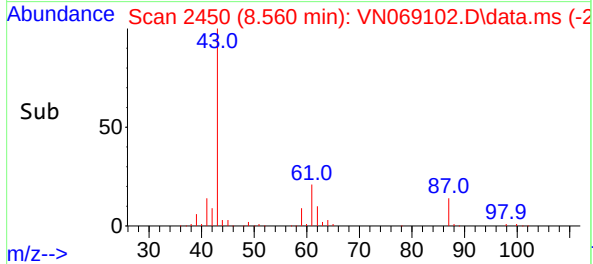




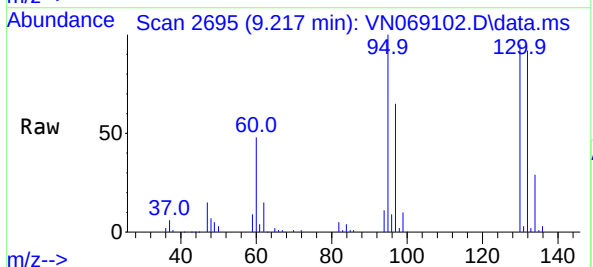
#43  
Isopropyl Acetate  
Concen: 51.631 ug/l  
RT: 8.560 min Scan# 2450  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



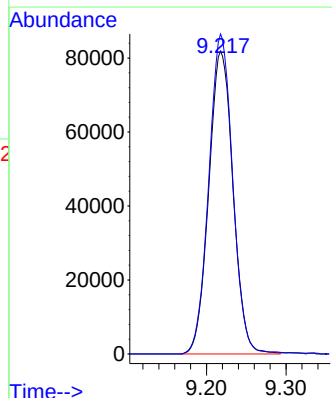
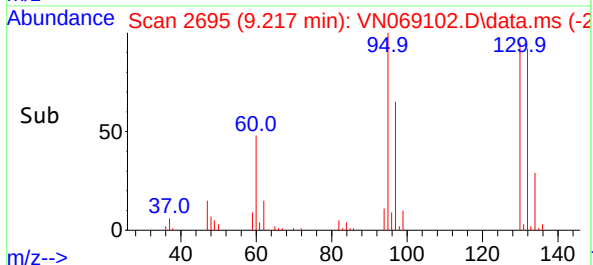
Tgt Ion: 43 Resp: 421118  
Ion Ratio Lower Upper  
43 100  
61 25.4 20.4 30.6  
87 13.4 10.7 16.1



#44  
Trichloroethene  
Concen: 50.856 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



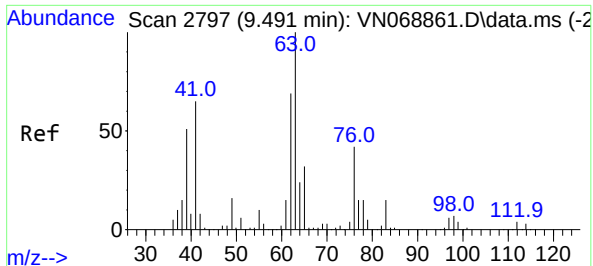
Tgt Ion: 130 Resp: 173475  
Ion Ratio Lower Upper  
130 100  
95 105.6 0.0 208.0



Instrument :  
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#45

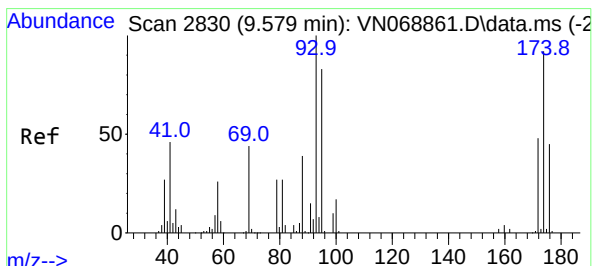
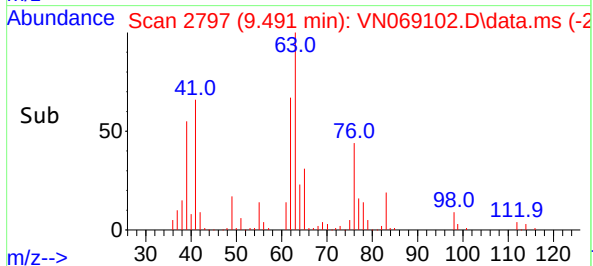
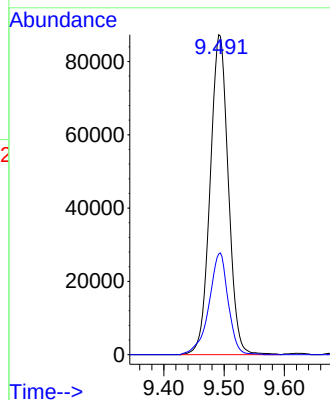
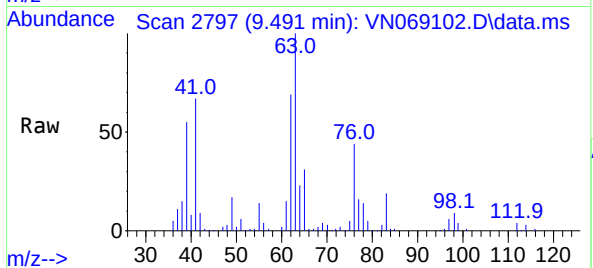
1,2-Dichloropropane  
Concen: 51.655 ug/l  
RT: 9.491 min Scan# 2797  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 63 Resp: 182686  
Ion Ratio Lower Upper  
63 100  
65 31.5 25.6 38.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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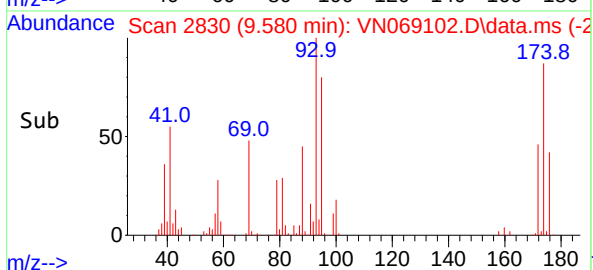
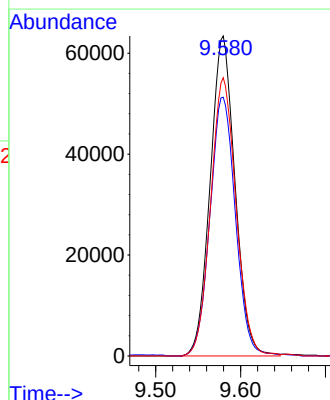
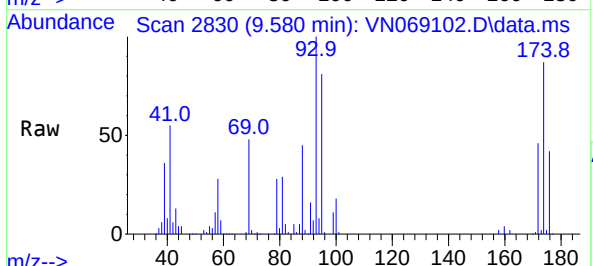
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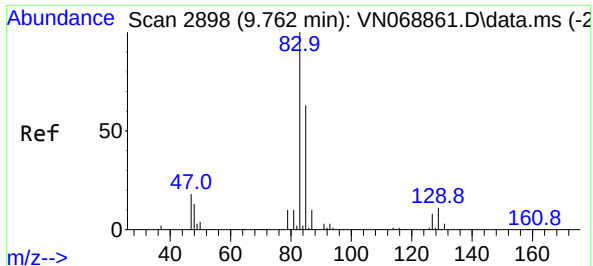


#46

Dibromomethane  
Concen: 53.333 ug/l  
RT: 9.580 min Scan# 2830  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

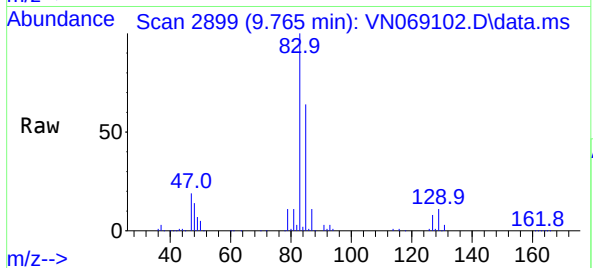
Tgt Ion: 93 Resp: 128754  
Ion Ratio Lower Upper  
93 100  
95 82.9 66.5 99.7  
174 89.1 73.8 110.8





#47  
Bromodichloromethane  
Concen: 52.210 ug/l  
RT: 9.765 min Scan# 2899  
Delta R.T. 0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

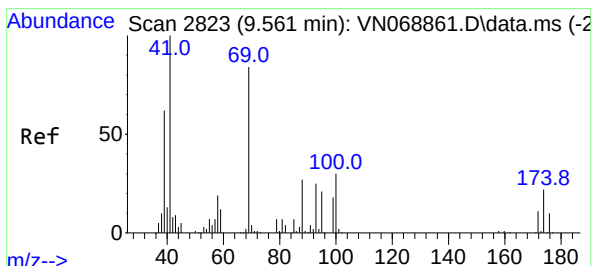
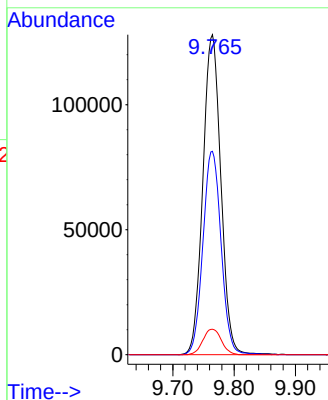
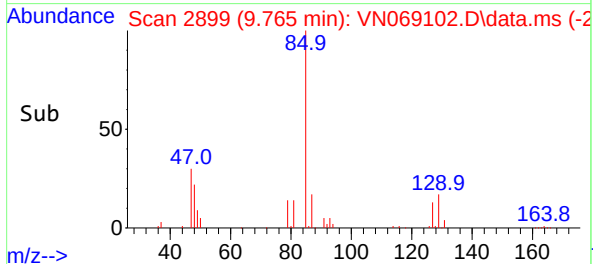
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



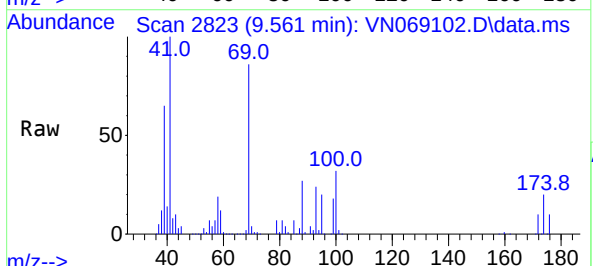
Tgt Ion: 83 Resp: 261194  
Ion Ratio Lower Upper  
83 100  
85 63.6 50.7 76.1  
127 7.9 6.5 9.7

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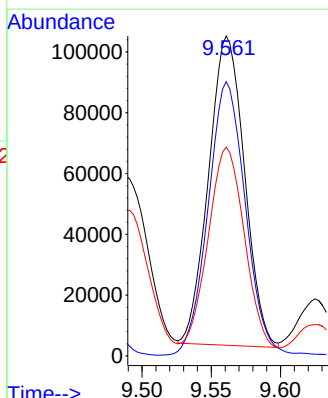
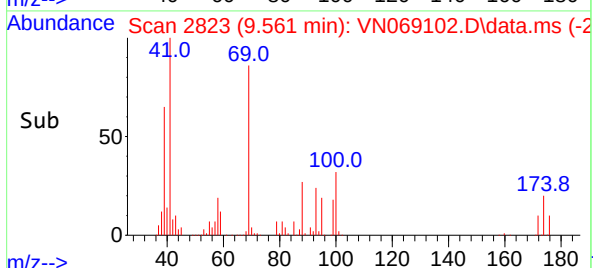
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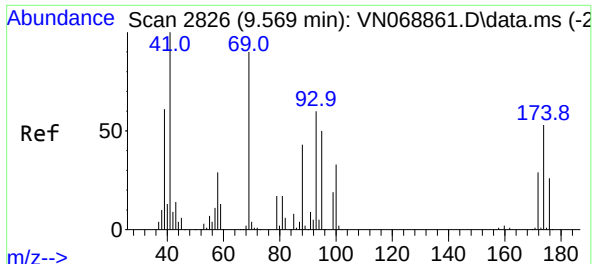


#48  
Methyl methacrylate  
Concen: 47.750 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



Tgt Ion: 41 Resp: 182996  
Ion Ratio Lower Upper  
41 100  
69 92.4 66.4 99.6  
39 70.9 50.2 75.2





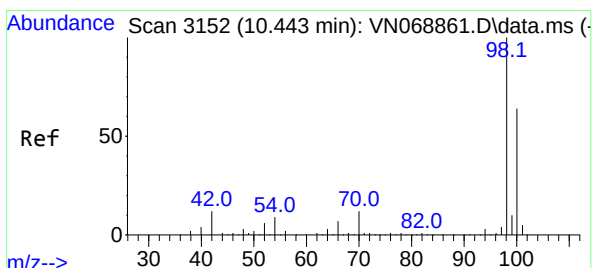
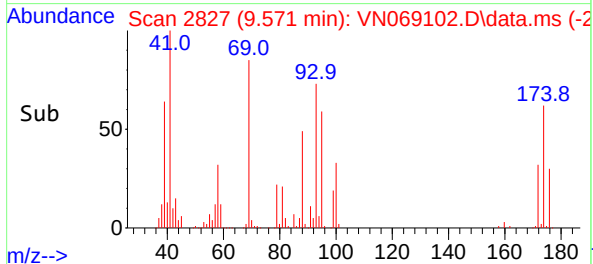
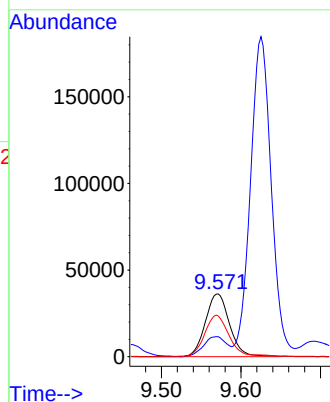
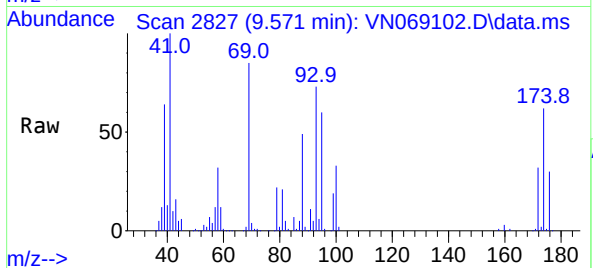
#49  
1,4-Dioxane  
Concen: 1025.799 ug/l  
RT: 9.571 min Scan# 2827  
Delta R.T. 0.002 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 88 Resp: 76692  
Ion Ratio Lower Upper  
88 100  
43 29.7 24.9 37.3  
58 65.6 56.9 85.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

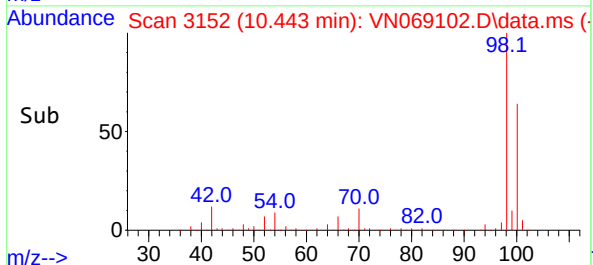
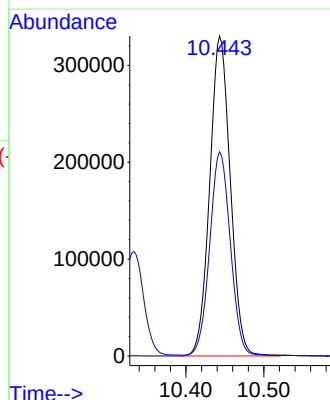
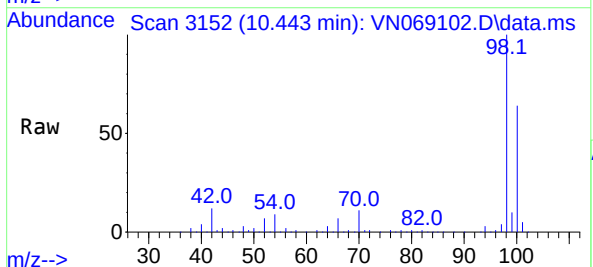
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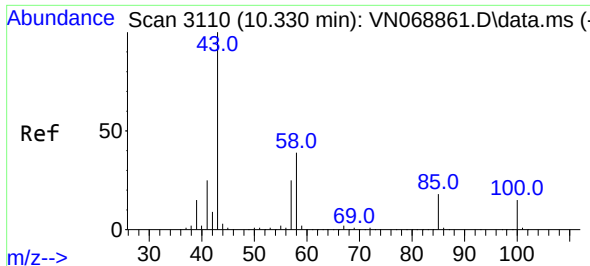
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#50  
Toluene-d8  
Concen: 49.724 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 98 Resp: 606571  
Ion Ratio Lower Upper  
98 100  
100 63.9 51.5 77.3





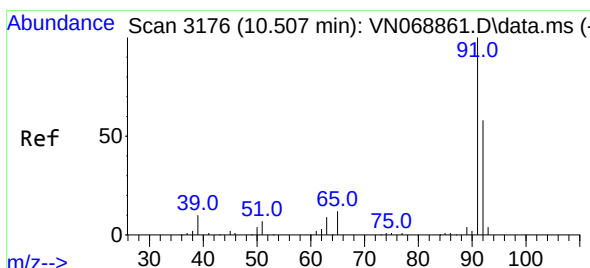
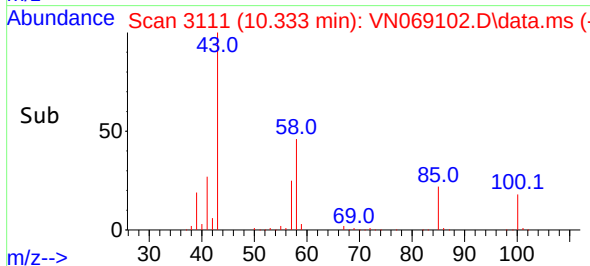
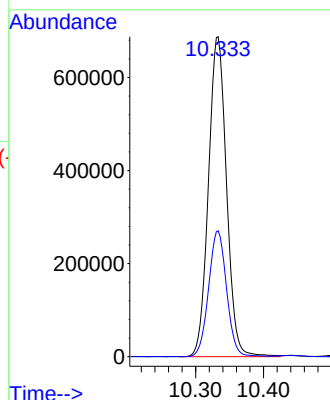
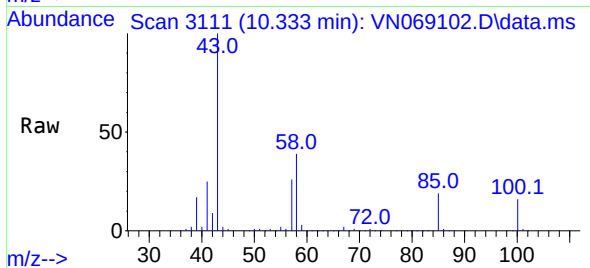
#51  
4-Methyl-2-Pentanone  
Concen: 268.331 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. 0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 43 Resp: 1269042  
Ion Ratio Lower Upper  
43 100  
58 39.2 31.0 46.4

Instrument :  
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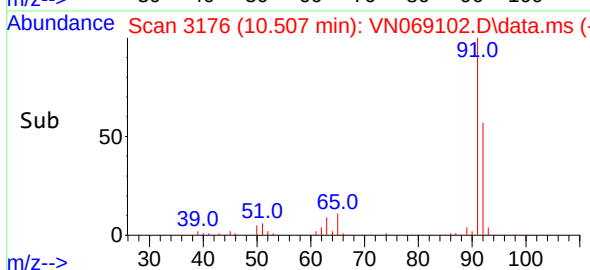
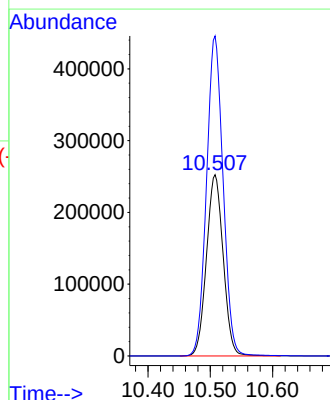
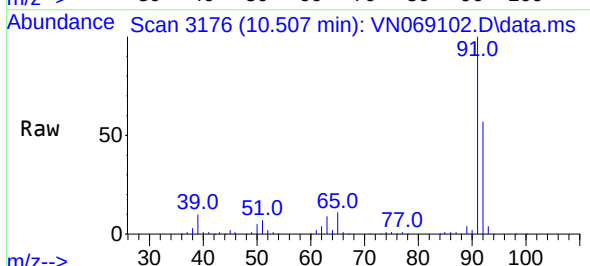
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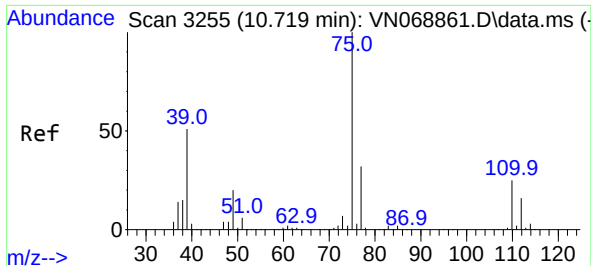
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#52  
Toluene  
Concen: 53.610 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 92 Resp: 470103  
Ion Ratio Lower Upper  
92 100  
91 175.1 138.5 207.7





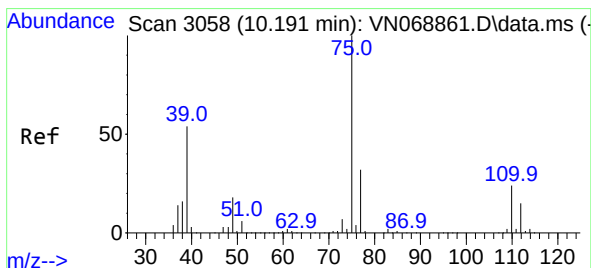
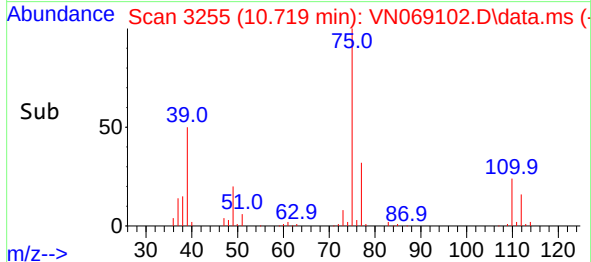
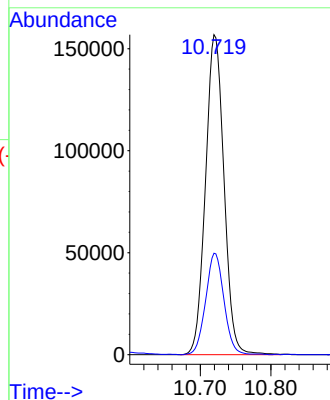
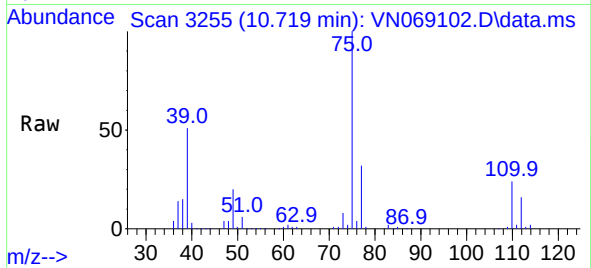
#53  
t-1,3-Dichloropropene  
Concen: 50.360 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 75 Resp: 285385  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.4 38.2

Instrument :  
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ClientSampleId :  
VSTDCCC050EC

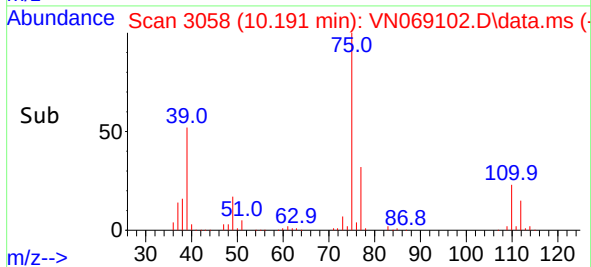
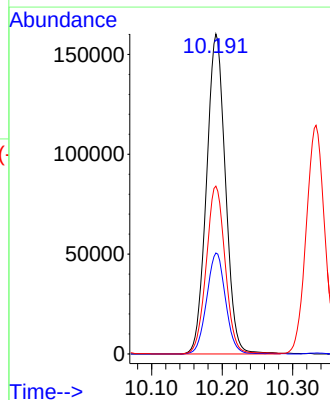
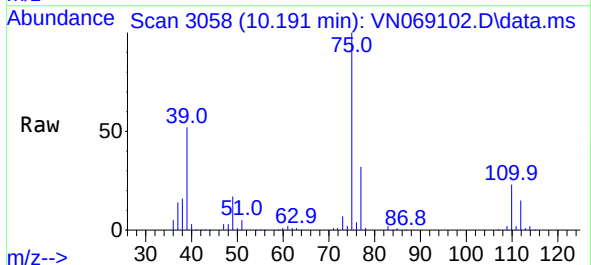
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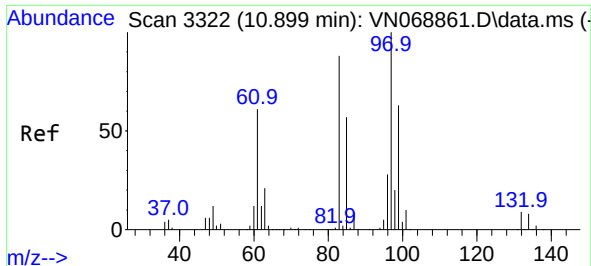
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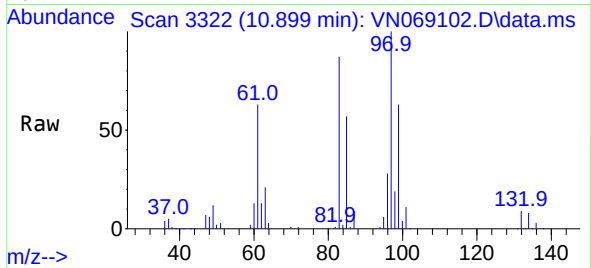
#54  
cis-1,3-Dichloropropene  
Concen: 50.642 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 75 Resp: 298585  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.6 38.4  
39 52.5 42.9 64.3



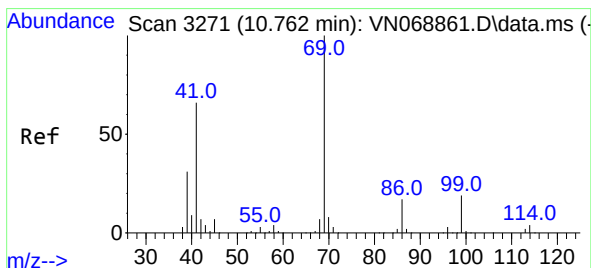
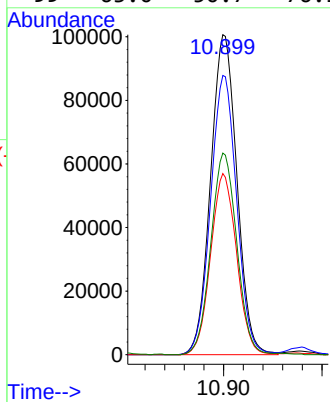
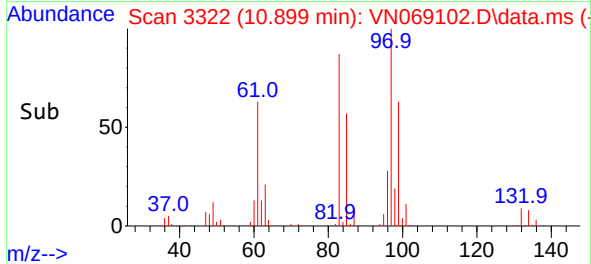


#55  
1,1,2-Trichloroethane  
Concen: 54.153 ug/l  
RT: 10.899 min Scan# 3322  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

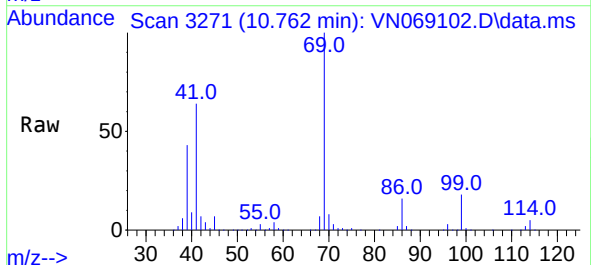


Tgt Ion: 97 Resp: 187221

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.2  | 70.5  | 105.7 |
| 85  | 56.6  | 45.3  | 67.9  |
| 99  | 63.0  | 50.7  | 76.1  |

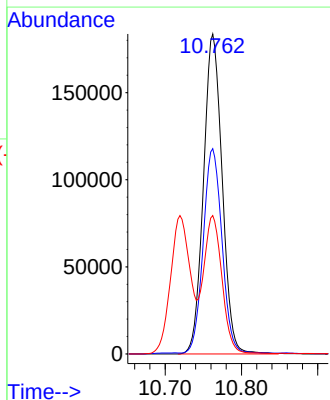
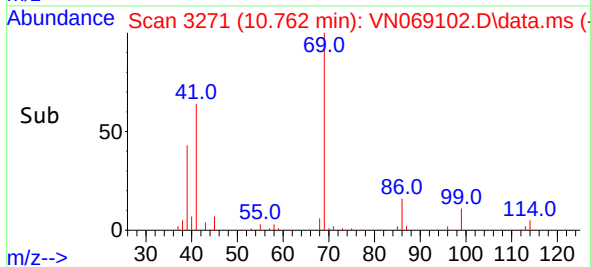


#56  
Ethyl methacrylate  
Concen: 53.852 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



Tgt Ion: 69 Resp: 312598

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 64.0  | 53.3  | 79.9  |
| 39  | 40.8  | 33.3  | 49.9  |

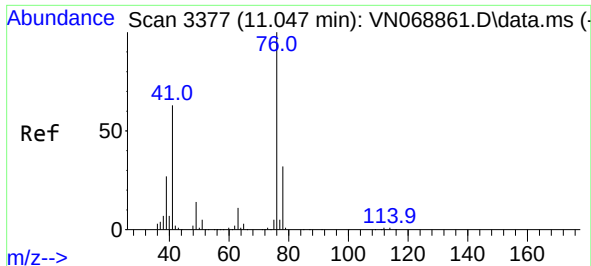


Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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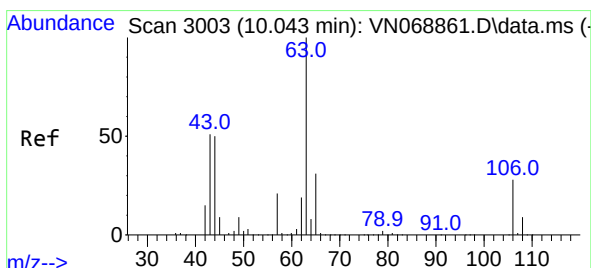
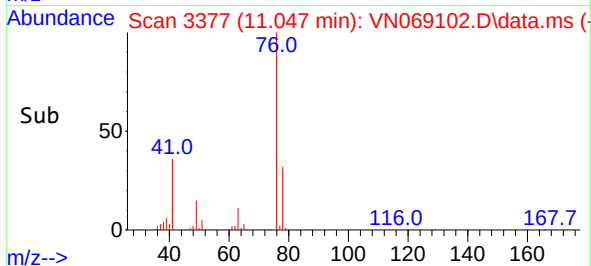
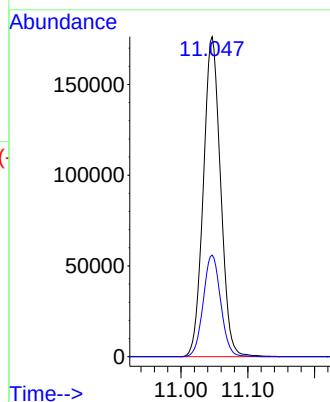
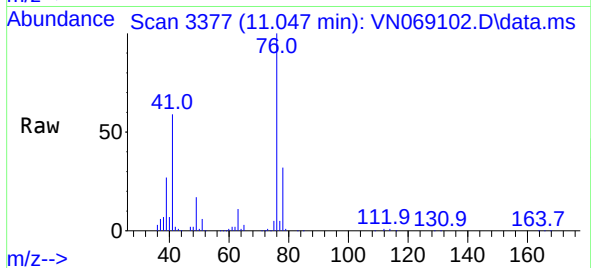
#57  
1,3-Dichloropropane  
Concen: 55.470 ug/l  
RT: 11.047 min Scan# 3377  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 76 Resp: 316223  
Ion Ratio Lower Upper  
76 100  
78 32.1 25.8 38.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

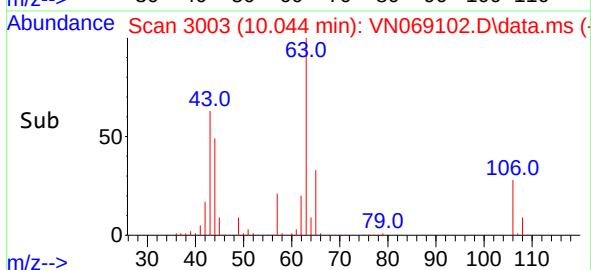
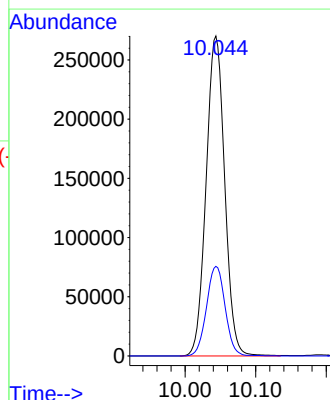
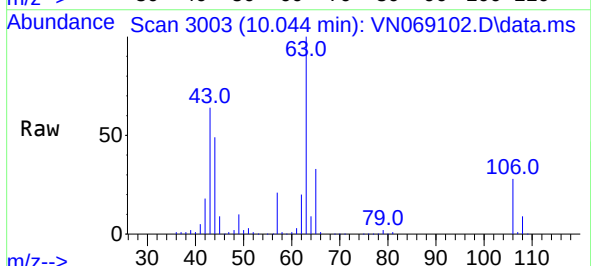
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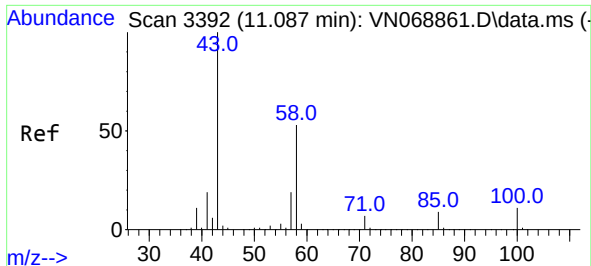
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#58  
2-Chloroethyl Vinyl ether  
Concen: 286.684 ug/l  
RT: 10.044 min Scan# 3003  
Delta R.T. 0.001 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 63 Resp: 494608  
Ion Ratio Lower Upper  
63 100  
106 28.1 22.2 33.2





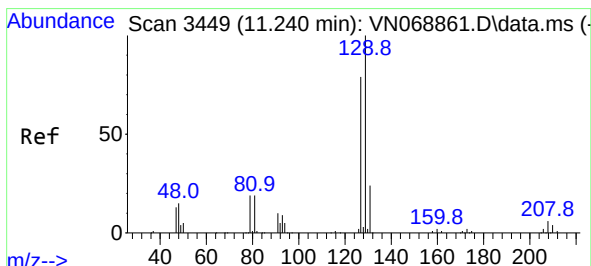
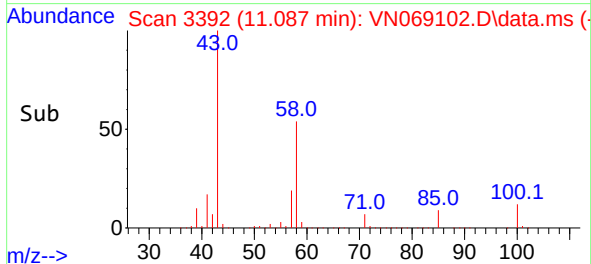
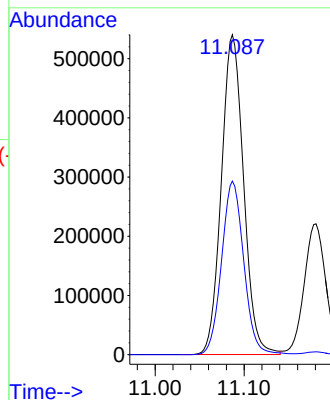
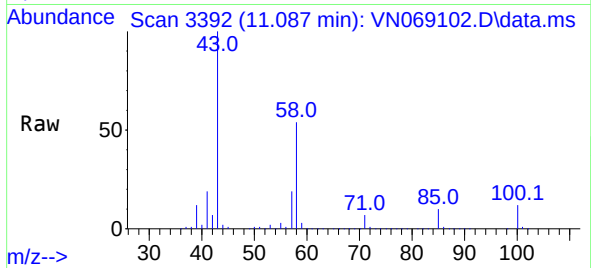
#59  
2-Hexanone  
Concen: 276.725 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 43 Resp: 938539  
Ion Ratio Lower Upper  
43 100  
58 54.3 26.9 80.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
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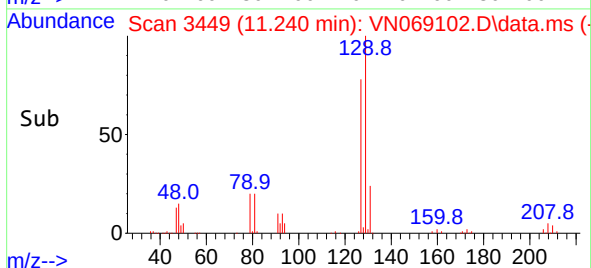
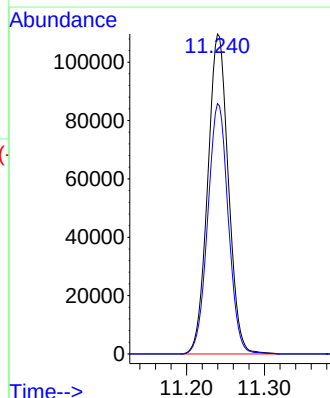
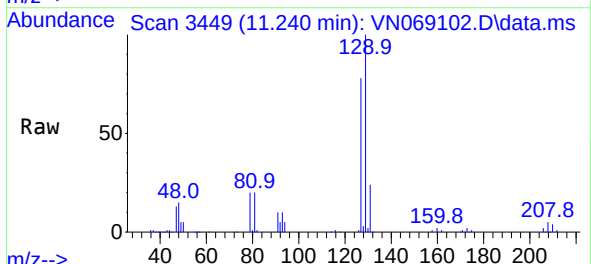
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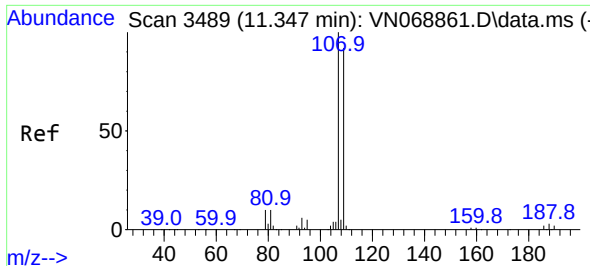
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#60  
Dibromochloromethane  
Concen: 51.753 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

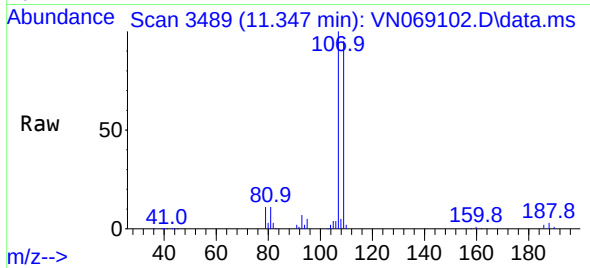
Tgt Ion:129 Resp: 201959  
Ion Ratio Lower Upper  
129 100  
127 77.9 39.1 117.2





#61  
1,2-Dibromoethane  
Concen: 55.183 ug/l  
RT: 11.347 min Scan# 3489  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

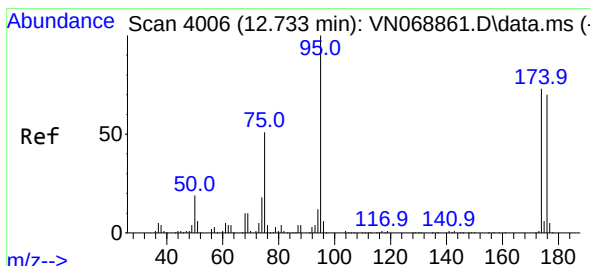
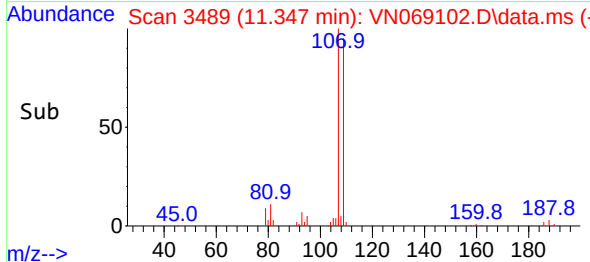
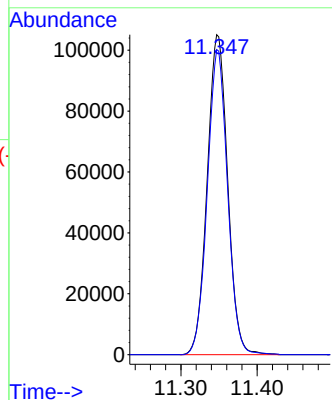
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:107 Resp: 195686  
Ion Ratio Lower Upper  
107 100  
109 94.2 74.7 112.1

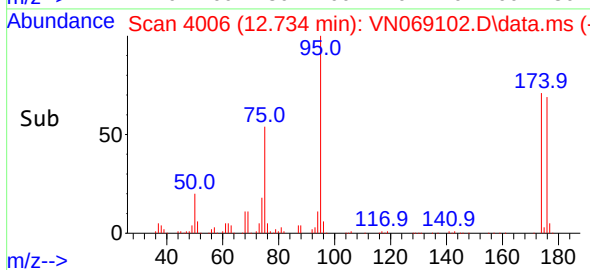
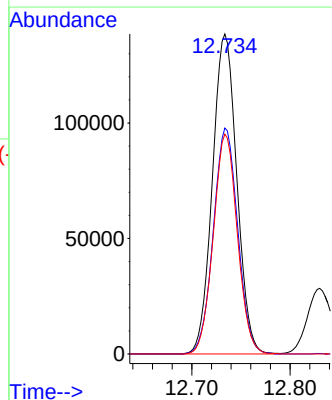
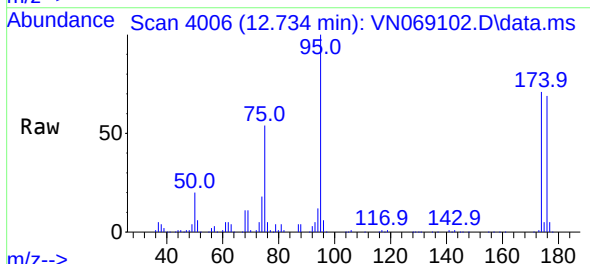
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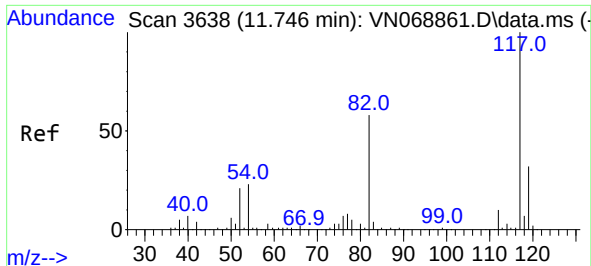
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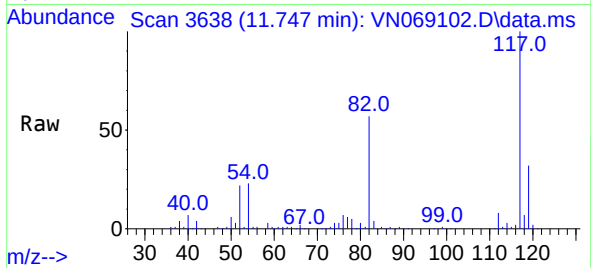
#62  
4-Bromofluorobenzene  
Concen: 51.878 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 95 Resp: 238764  
Ion Ratio Lower Upper  
95 100  
174 70.8 0.0 144.8  
176 67.8 0.0 140.0

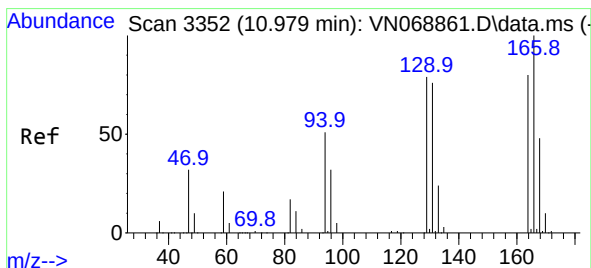
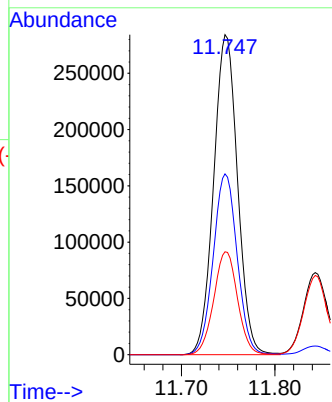
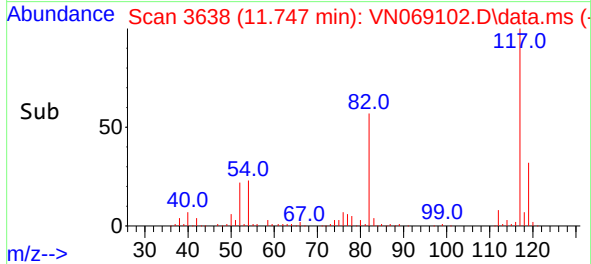




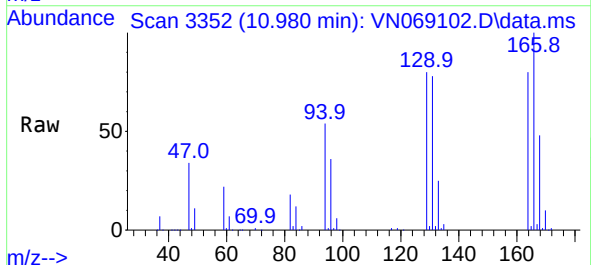
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



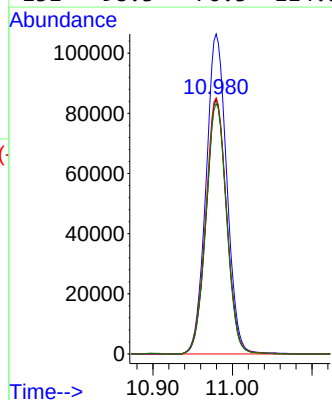
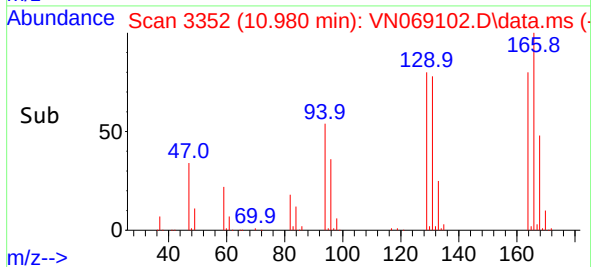
Tgt Ion:117 Resp: 505751  
Ion Ratio Lower Upper  
117 100  
82 56.5 46.4 69.6  
119 32.2 26.0 39.0



#64  
Tetrachloroethene  
Concen: 46.684 ug/l  
RT: 10.980 min Scan# 3352  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



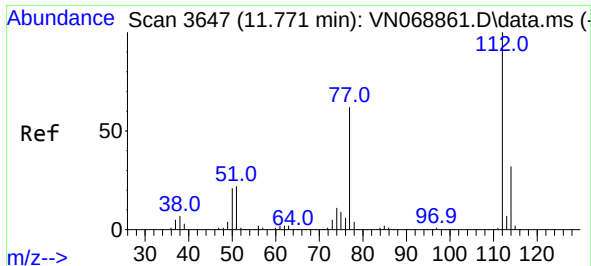
Tgt Ion:164 Resp: 152095  
Ion Ratio Lower Upper  
164 100  
166 125.6 99.8 149.8  
129 100.6 79.2 118.8  
131 98.3 76.3 114.5



Instrument :  
MSVOA\_N  
ClientSampleId :  
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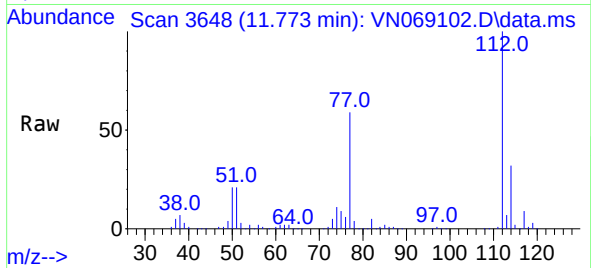
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#65  
Chlorobenzene  
Concen: 53.253 ug/l  
RT: 11.773 min Scan# 3648  
Delta R.T. 0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

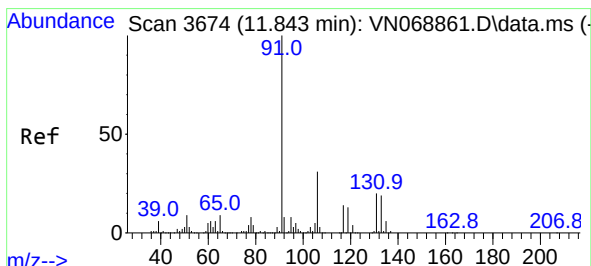
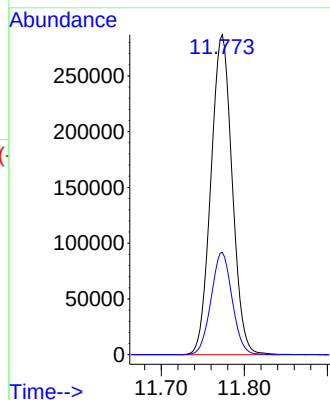
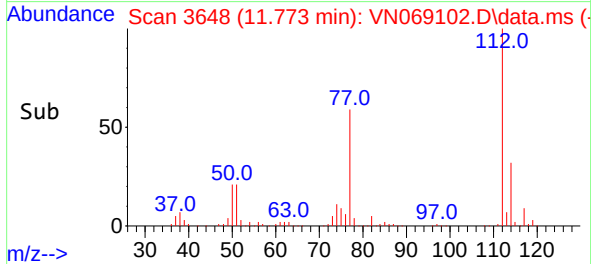
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



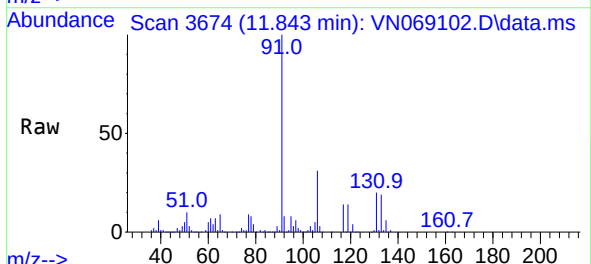
Tgt Ion:112 Resp: 509649  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.5 38.3

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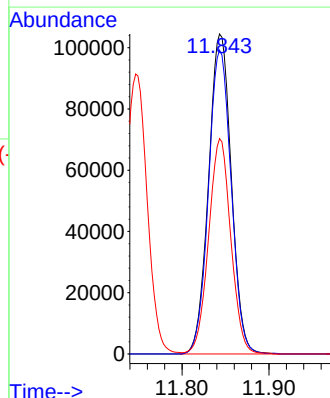
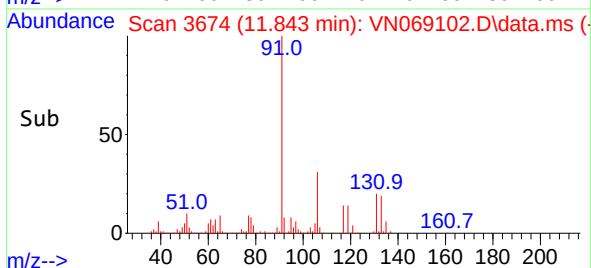
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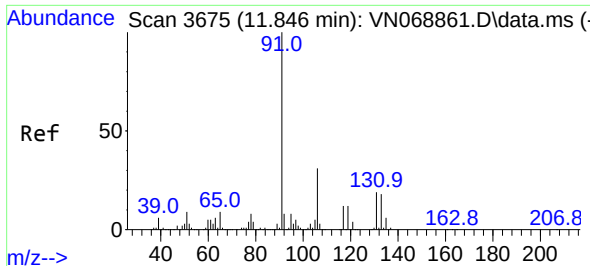


#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.715 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



Tgt Ion:131 Resp: 189971  
Ion Ratio Lower Upper  
131 100  
133 94.6 47.3 142.0  
119 65.7 33.0 99.0





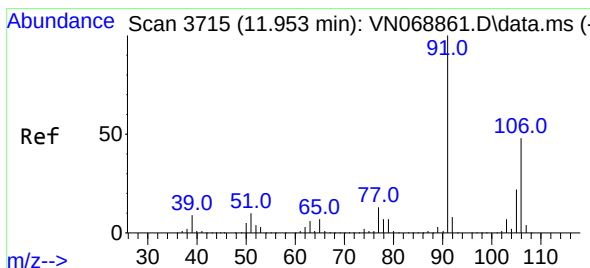
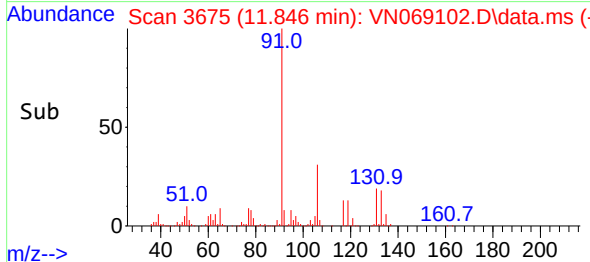
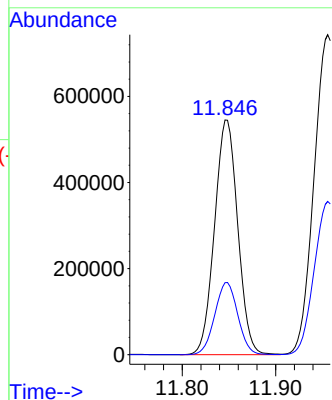
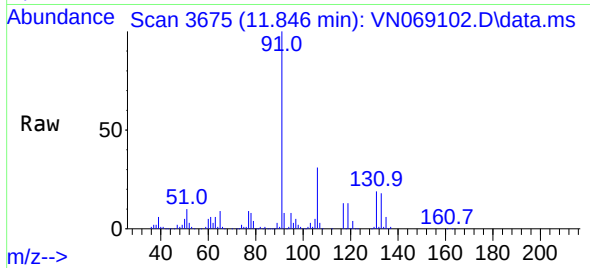
#67  
Ethyl Benzene  
Concen: 52.976 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 91 Resp: 941767  
Ion Ratio Lower Upper  
91 100  
106 30.7 24.8 37.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

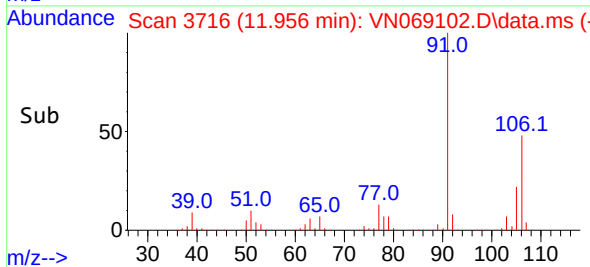
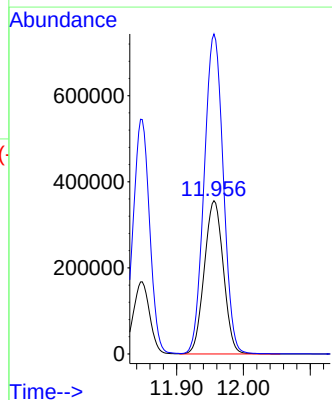
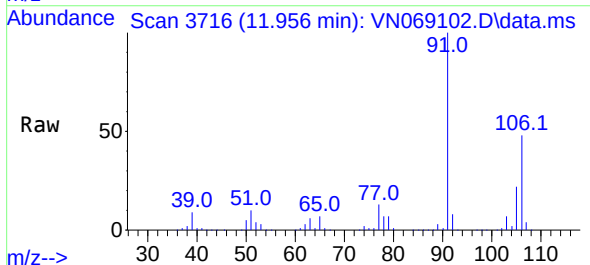
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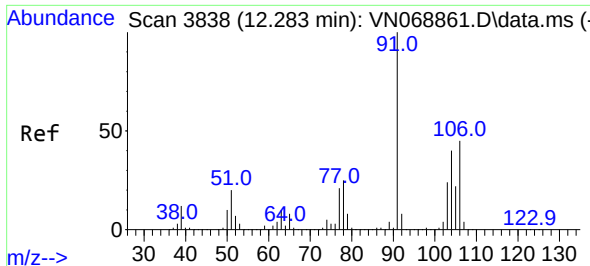
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#68  
m/p-Xylenes  
Concen: 104.769 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. 0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 106 Resp: 706044  
Ion Ratio Lower Upper  
106 100  
91 209.3 166.8 250.2





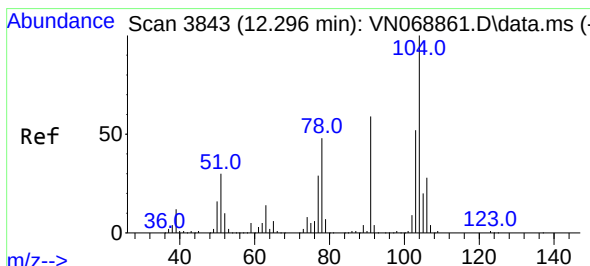
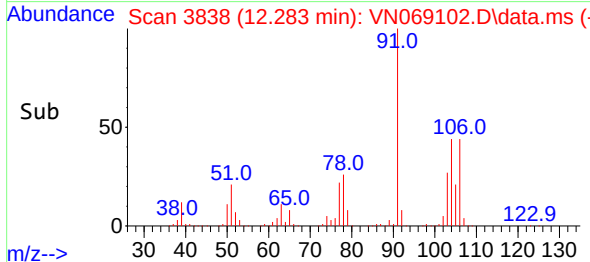
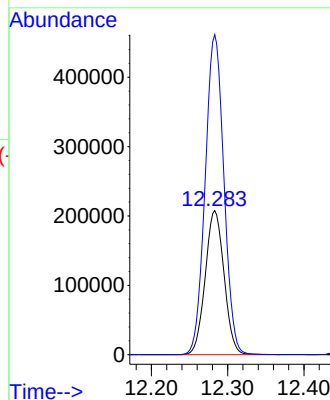
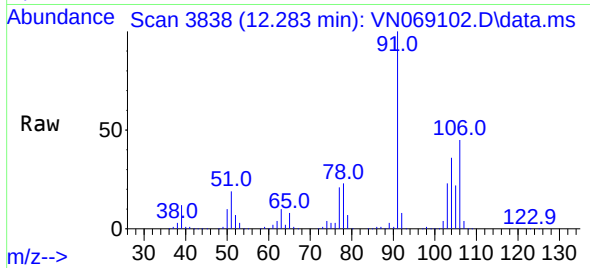
#69  
o-Xylene  
Concen: 52.807 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion:106 Resp: 356211  
Ion Ratio Lower Upper  
106 100  
91 221.2 109.6 328.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

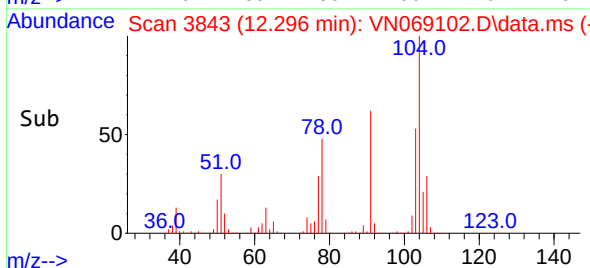
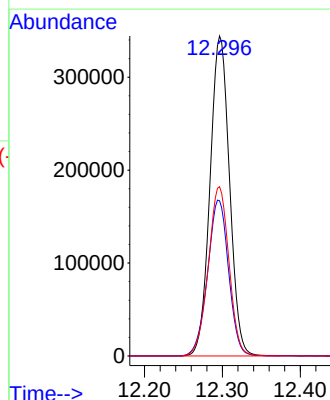
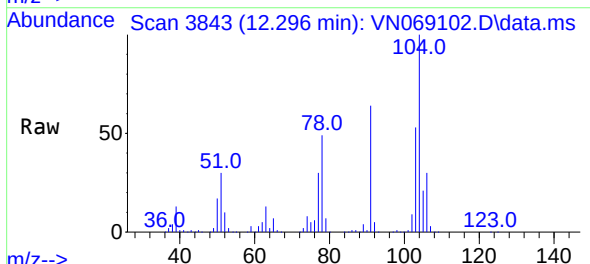
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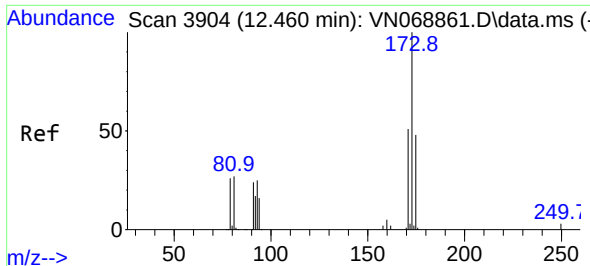
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#70  
Styrene  
Concen: 54.519 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion:104 Resp: 598642  
Ion Ratio Lower Upper  
104 100  
78 52.6 42.2 63.4  
103 56.1 44.4 66.6





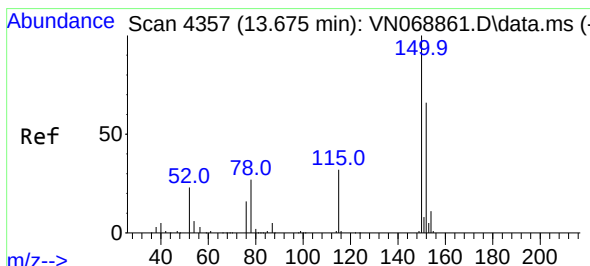
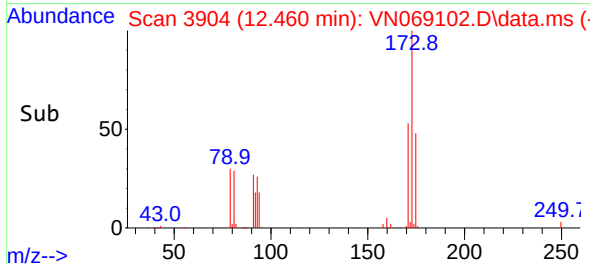
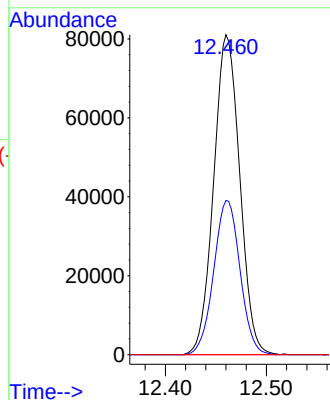
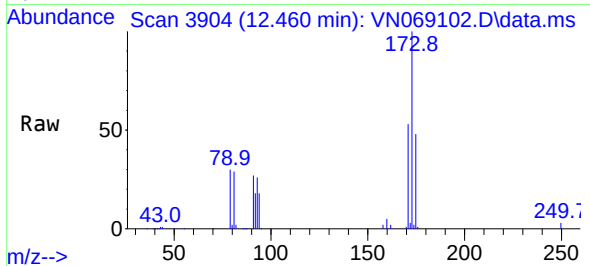
#71  
Bromoform  
Concen: 48.402 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion:173 Resp: 145238  
Ion Ratio Lower Upper  
173 100  
175 48.6 23.8 71.5  
254 0.0 0.0 0.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

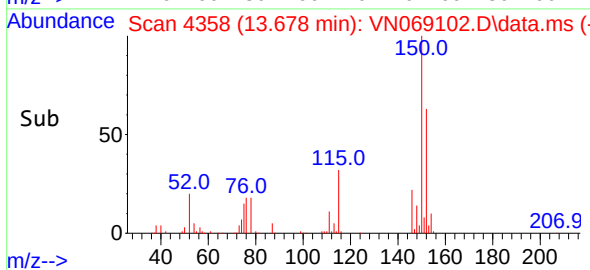
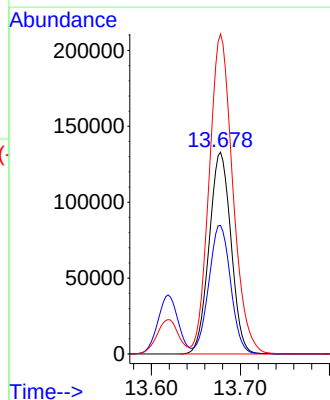
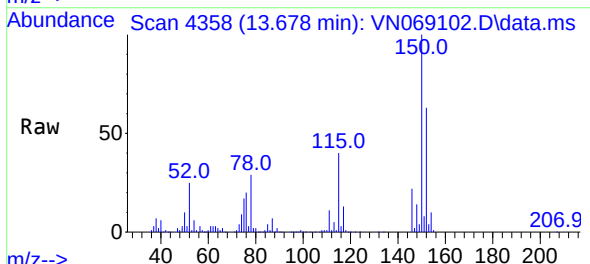
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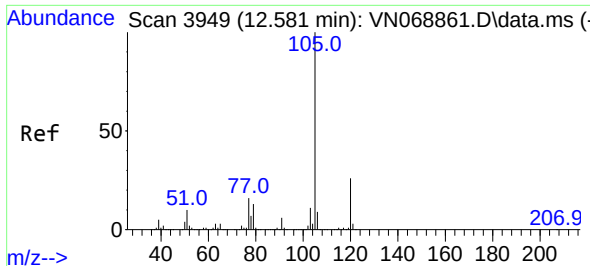


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion:152 Resp: 226670  
Ion Ratio Lower Upper  
152 100  
115 63.8 31.4 94.3  
150 171.6 0.0 351.0

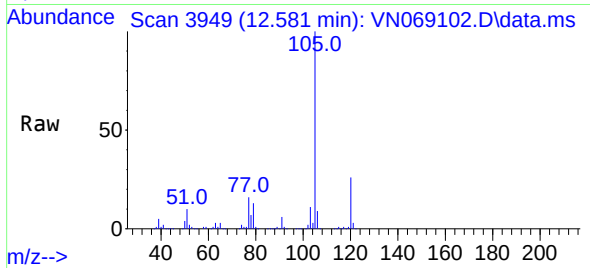






#73  
Isopropylbenzene  
Concen: 50.276 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

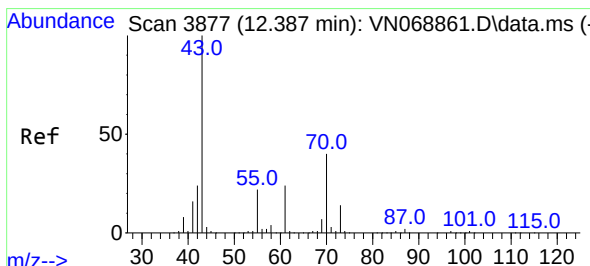
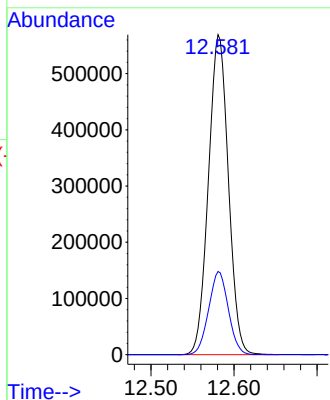
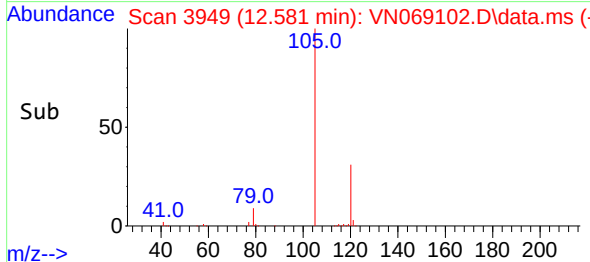
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ClientSampleId :  
VSTDCCC050EC



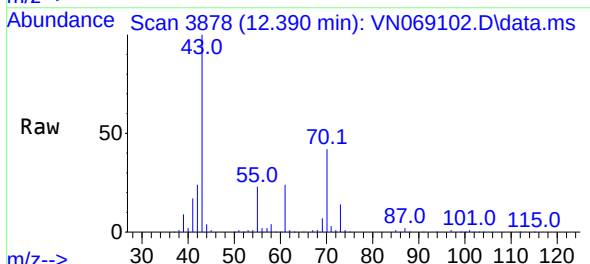
Tgt Ion:105 Resp: 948548  
Ion Ratio Lower Upper  
105 100  
120 25.7 13.1 39.3

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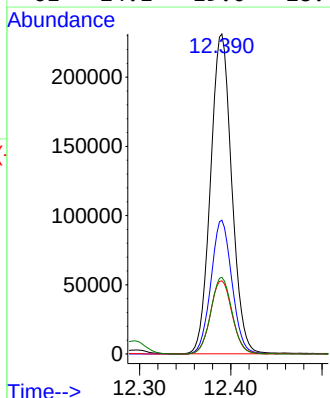
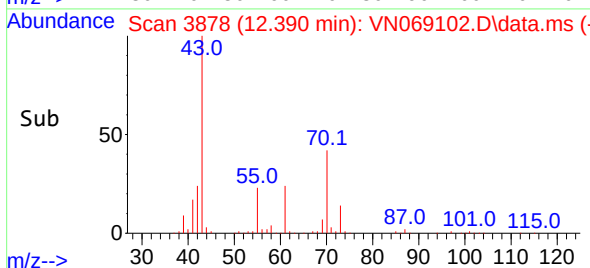
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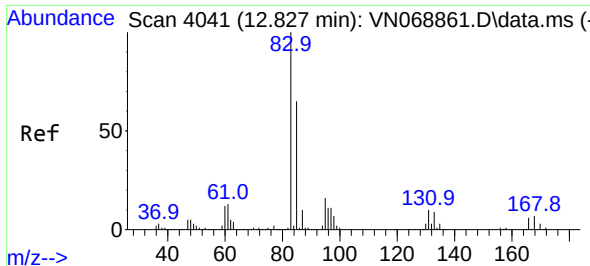


#74  
N-ethyl acetate  
Concen: 52.112 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



Tgt Ion: 43 Resp: 372493  
Ion Ratio Lower Upper  
43 100  
70 41.6 32.2 48.2  
55 23.5 18.0 27.0  
61 24.1 19.0 28.4





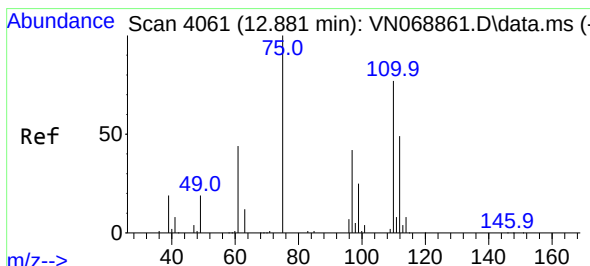
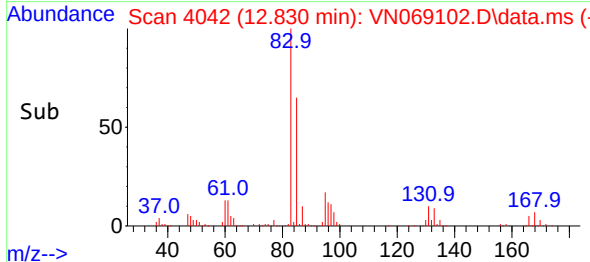
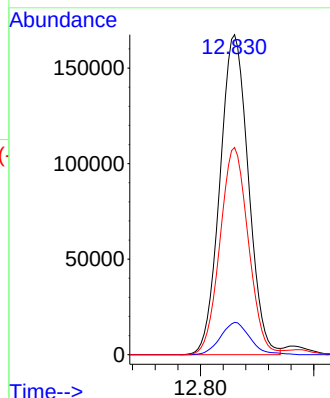
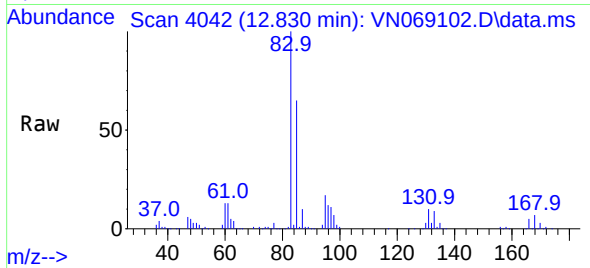
#75  
1,1,2,2-Tetrachloroethane  
Concen: 53.587 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. 0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 83 Resp: 292175  
Ion Ratio Lower Upper  
83 100  
131 10.5 5.1 15.2  
85 64.5 32.3 96.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

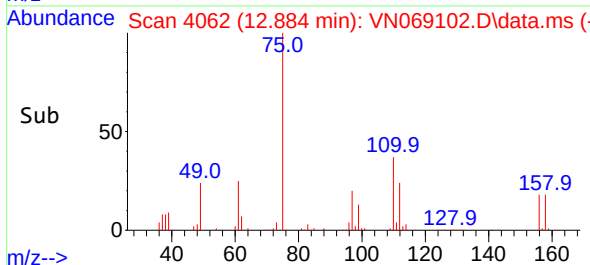
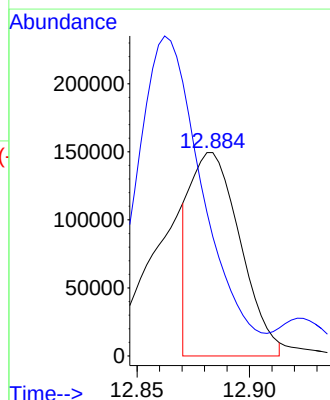
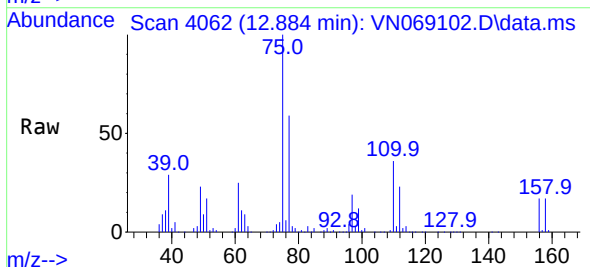
Manual Integrations  
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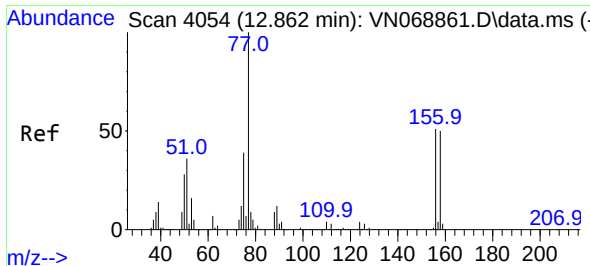
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#76  
1,2,3-Trichloropropane  
Concen: 47.612 ug/l m  
RT: 12.884 min Scan# 4062  
Delta R.T. 0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

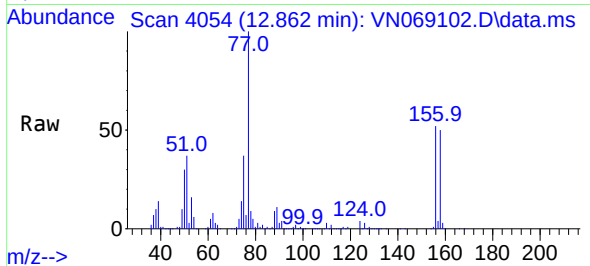
Tgt Ion: 75 Resp: 229628  
Ion Ratio Lower Upper  
75 100  
77 0.0 96.2 288.4#





#77  
Bromobenzene  
Concen: 51.073 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

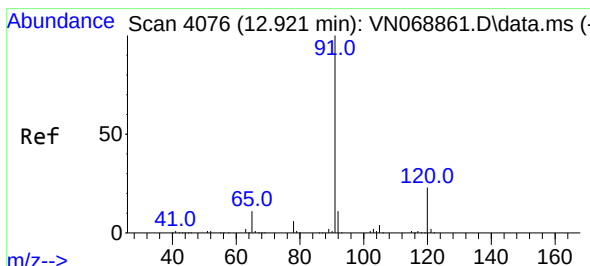
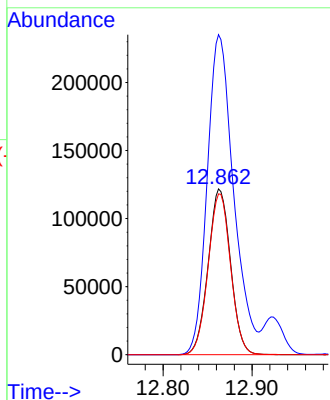
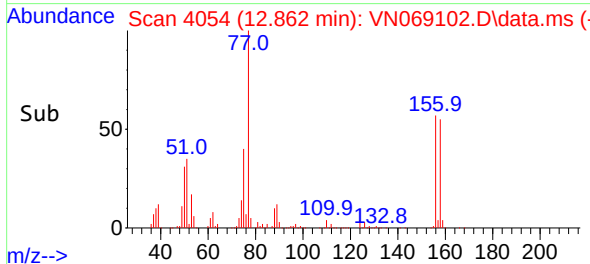
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



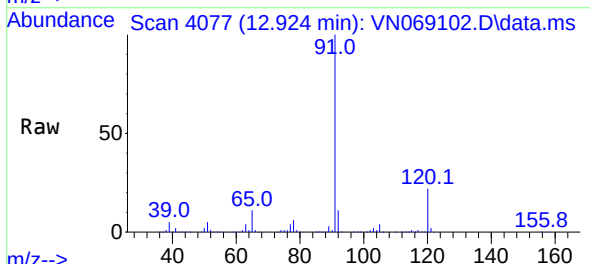
Tgt Ion:156 Resp: 213075  
Ion Ratio Lower Upper  
156 100  
77 227.5 111.8 335.3  
158 97.4 48.4 145.0

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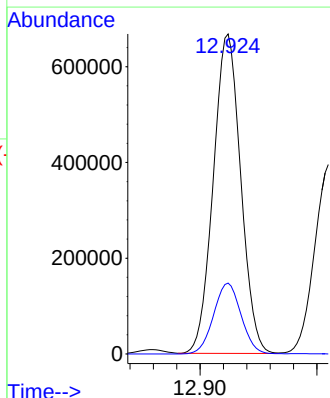
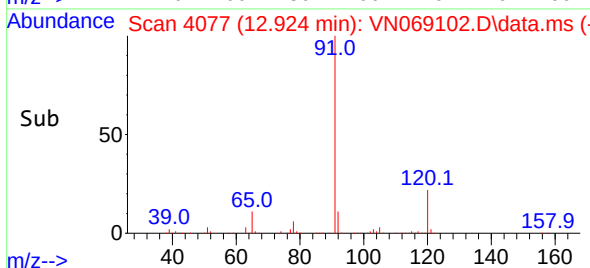
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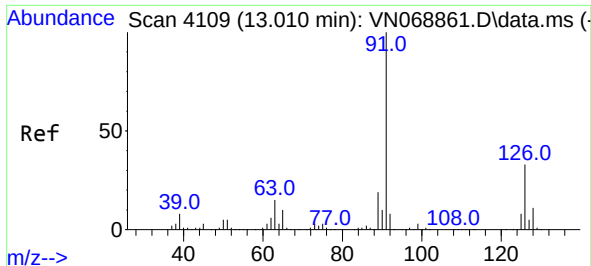


#78  
n-propylbenzene  
Concen: 51.273 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. 0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



Tgt Ion: 91 Resp: 1087118  
Ion Ratio Lower Upper  
91 100  
120 22.2 11.4 34.1





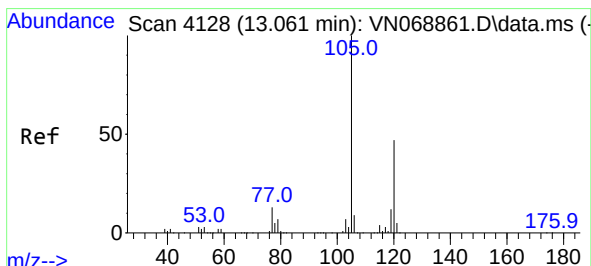
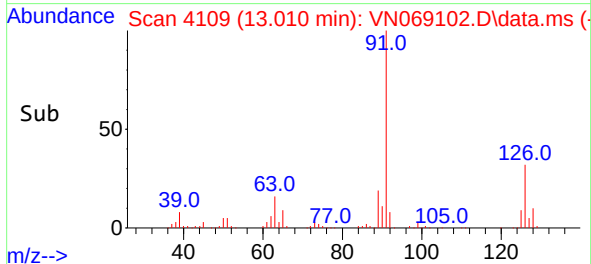
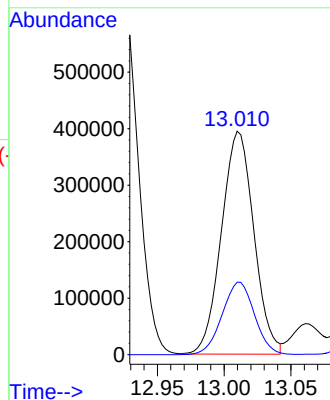
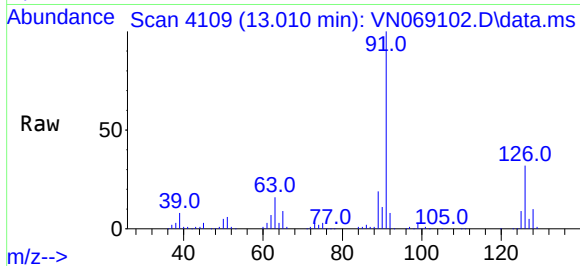
#79  
2-Chlorotoluene  
Concen: 50.983 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 91 Resp: 666271  
Ion Ratio Lower Upper  
91 100  
126 32.5 16.4 49.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

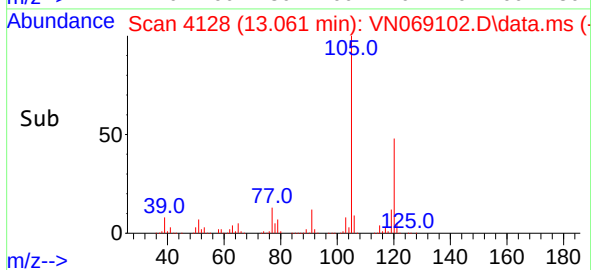
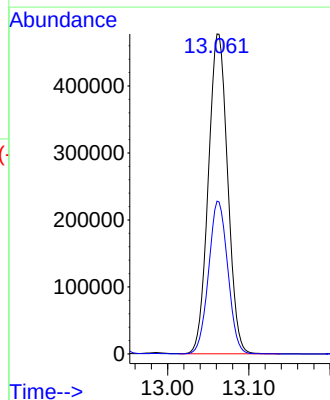
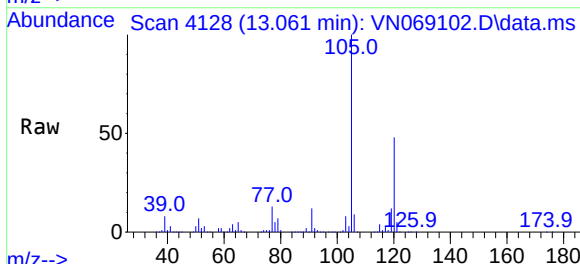
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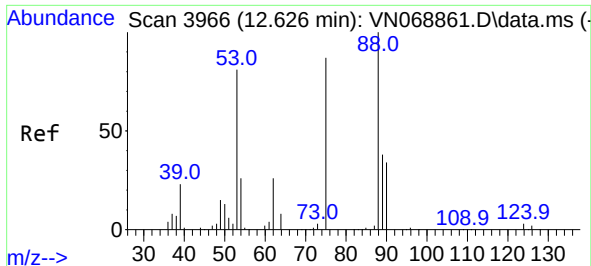
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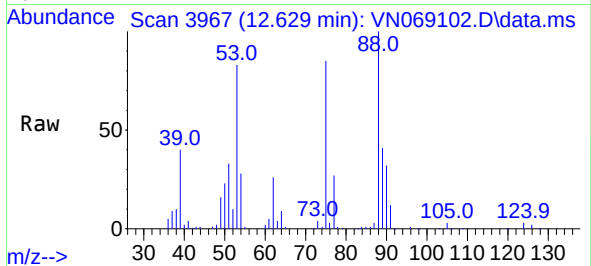
#80  
1,3,5-Trimethylbenzene  
Concen: 50.115 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 105 Resp: 787553  
Ion Ratio Lower Upper  
105 100  
120 47.4 23.4 70.2

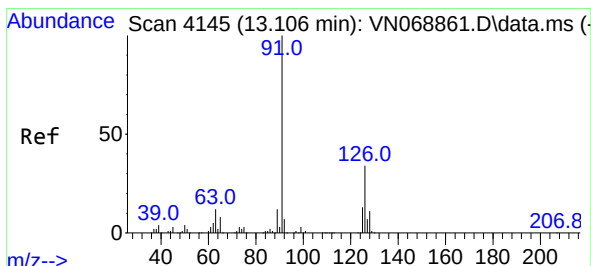
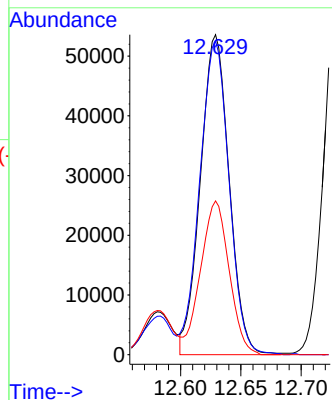
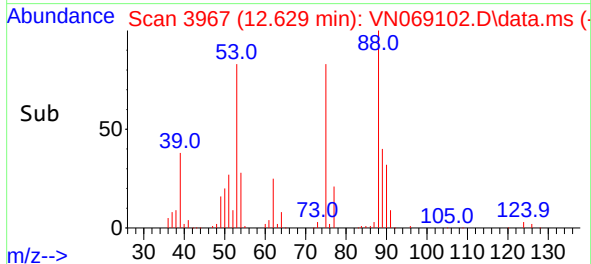




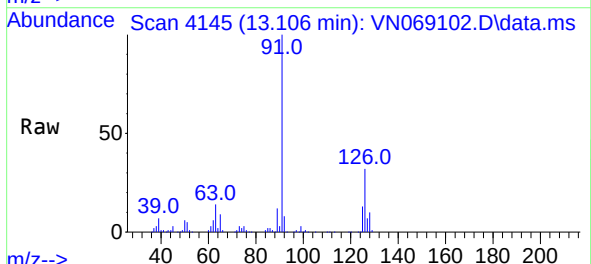
#81  
trans-1,4-Dichloro-2-butene  
Concen: 44.044 ug/l  
RT: 12.629 min Scan# 3967  
Delta R.T. 0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



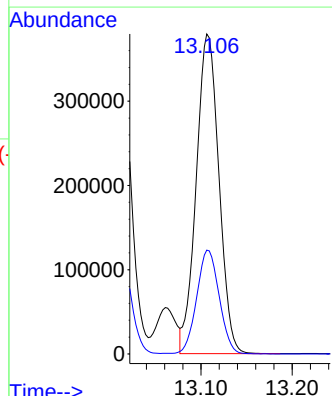
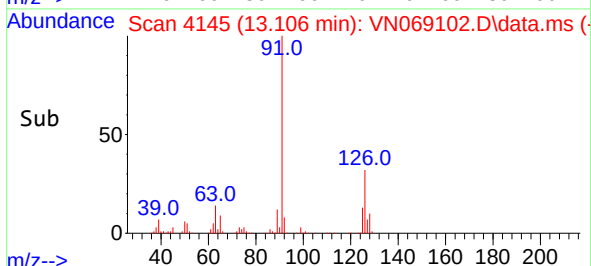
Tgt Ion: 75 Resp: 88788  
Ion Ratio Lower Upper  
75 100  
53 100.4 75.4 113.2  
89 47.6 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 51.980 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



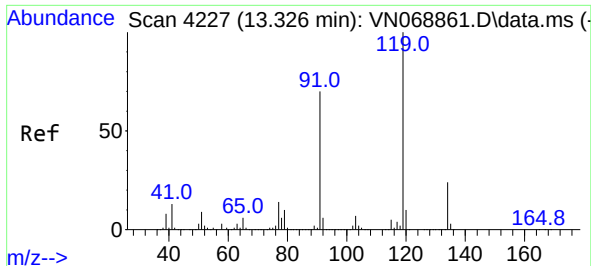
Tgt Ion: 91 Resp: 656419  
Ion Ratio Lower Upper  
91 100  
126 32.3 16.3 48.8



Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

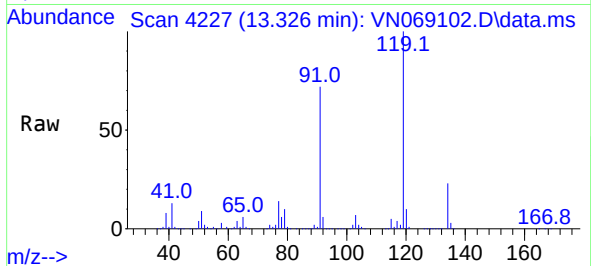
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#83  
tert-Butylbenzene  
Concen: 50.661 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

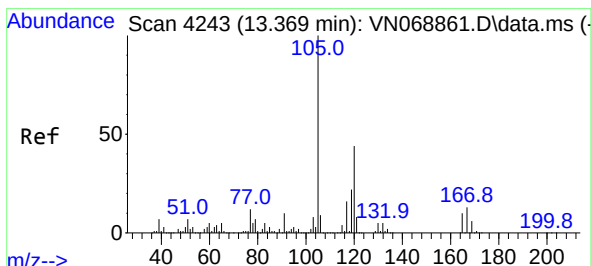
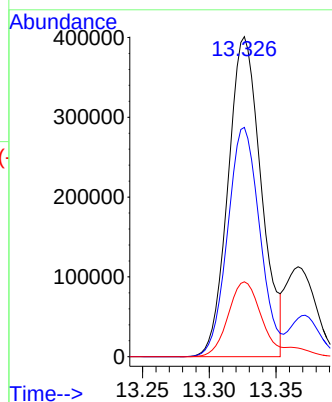
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



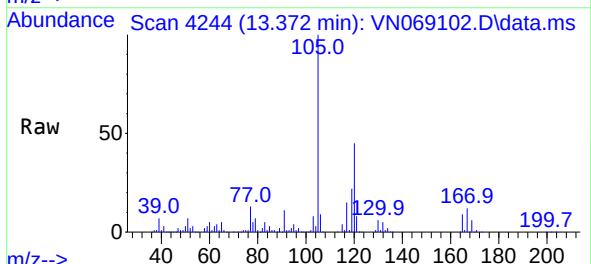
Tgt Ion:119 Resp: 693040  
Ion Ratio Lower Upper  
119 100  
91 70.1 34.6 103.9  
134 23.4 12.6 37.6

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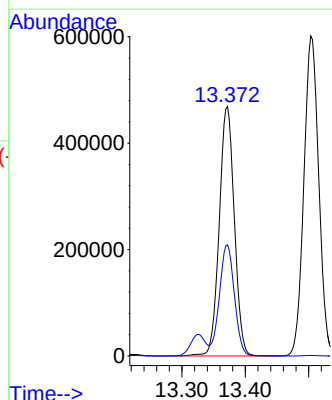
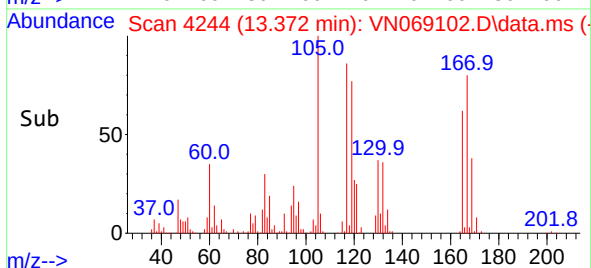
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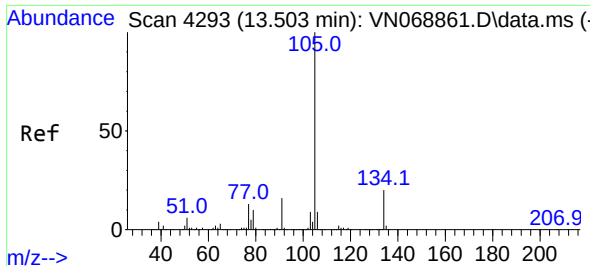


#84  
1,2,4-Trimethylbenzene  
Concen: 51.221 ug/l  
RT: 13.372 min Scan# 4244  
Delta R.T. 0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



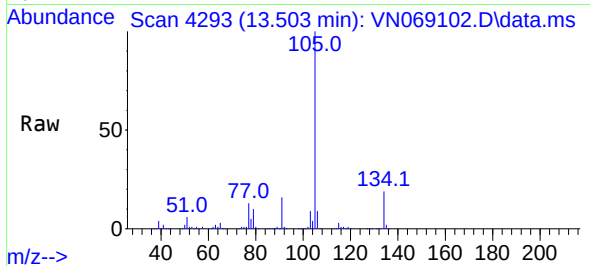
Tgt Ion:105 Resp: 775551  
Ion Ratio Lower Upper  
105 100  
120 44.4 21.9 65.5





#85  
 sec-Butylbenzene  
 Concen: 51.623 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. 0.000 min  
 Lab File: VN069102.D  
 Acq: 21 Oct 2021 21:05

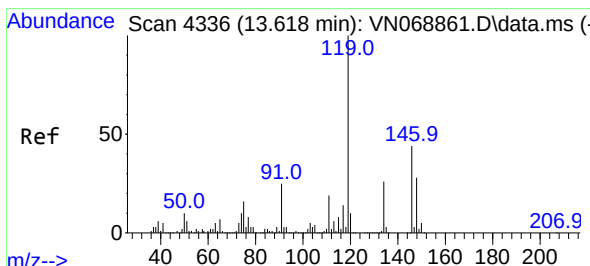
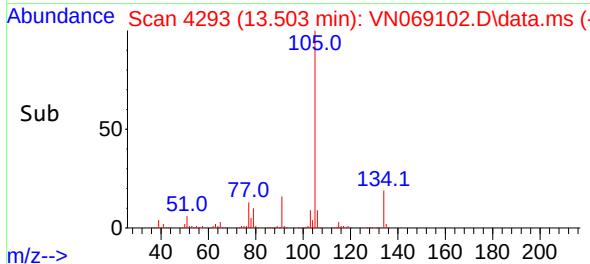
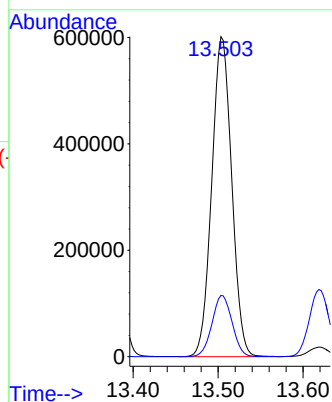
Instrument :  
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 ClientSampleId :  
 VSTDCCC050EC



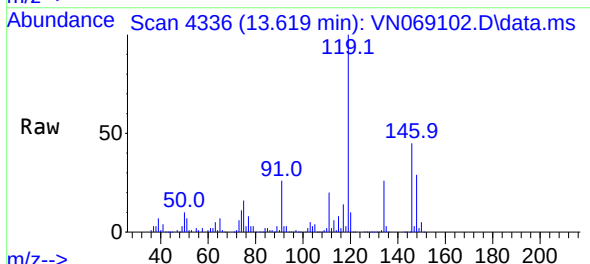
Tgt Ion:105 Resp: 978030  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.8 29.4

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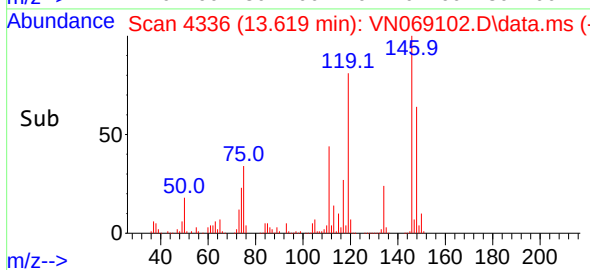
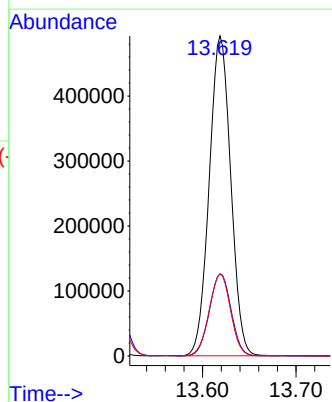
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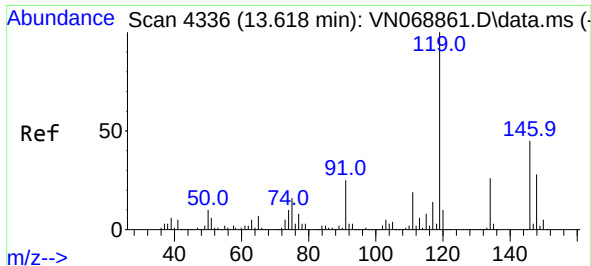


#86  
 p-Isopropyltoluene  
 Concen: 51.828 ug/l  
 RT: 13.619 min Scan# 4336  
 Delta R.T. 0.000 min  
 Lab File: VN069102.D  
 Acq: 21 Oct 2021 21:05



Tgt Ion:119 Resp: 787589  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 12.9 38.6  
 91 25.5 12.8 38.4





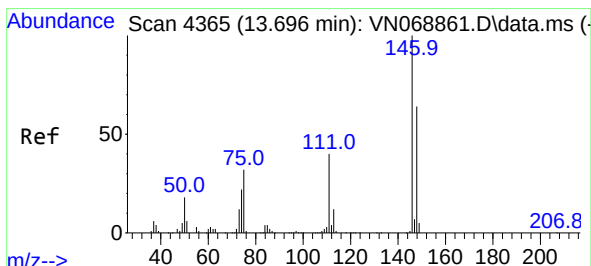
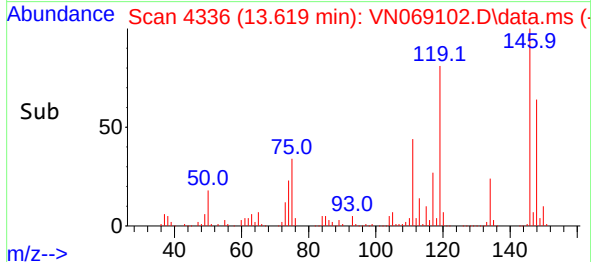
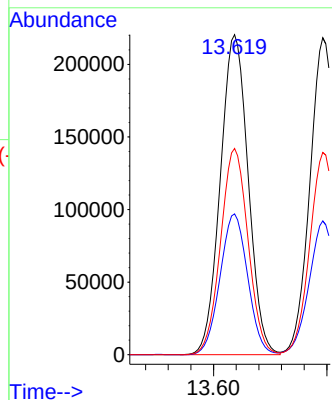
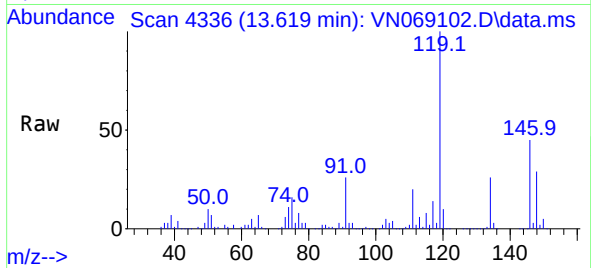
#87  
1,3-Dichlorobenzene  
Concen: 52.159 ug/l  
RT: 13.619 min Scan# 4336  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion:146 Resp: 376400  
Ion Ratio Lower Upper  
146 100  
111 43.7 21.4 64.2  
148 63.7 32.0 96.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

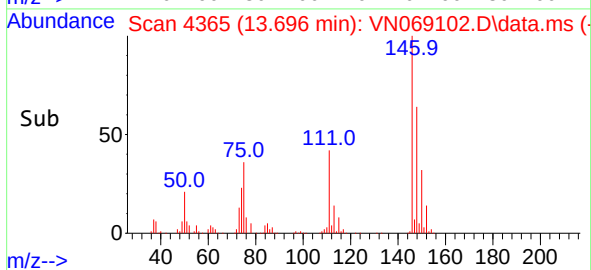
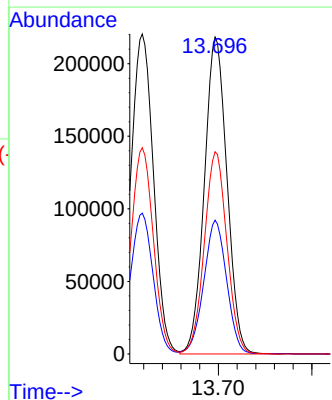
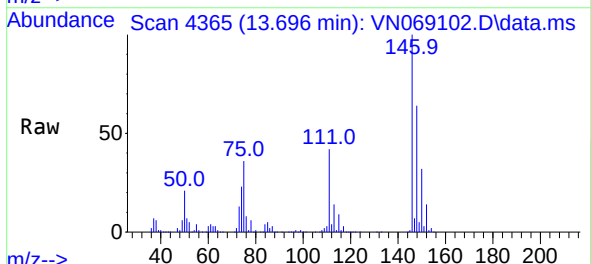
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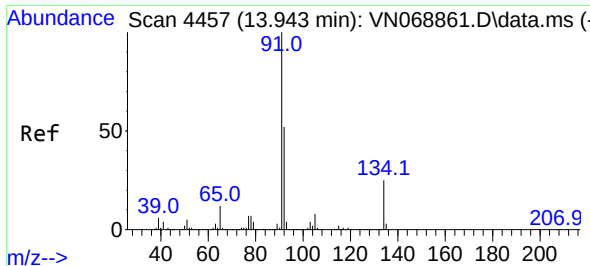


#88  
1,4-Dichlorobenzene  
Concen: 51.222 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion:146 Resp: 366862  
Ion Ratio Lower Upper  
146 100  
111 42.5 20.6 61.8  
148 63.9 32.1 96.5

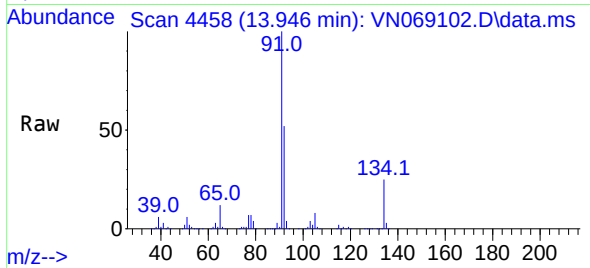






#89  
n-Butylbenzene  
Concen: 52.204 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. 0.003 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

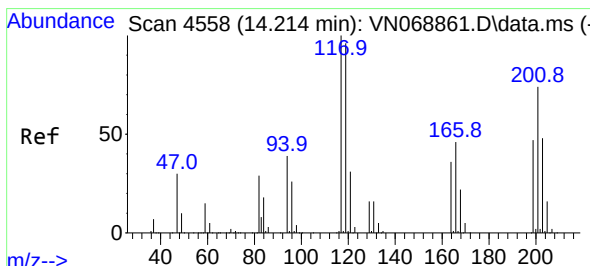
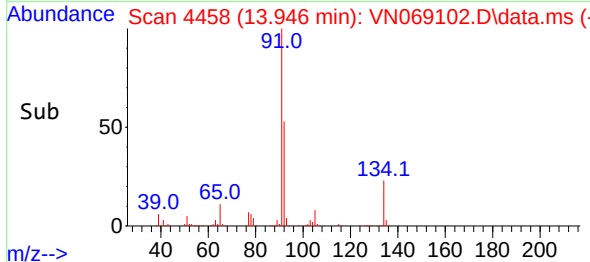
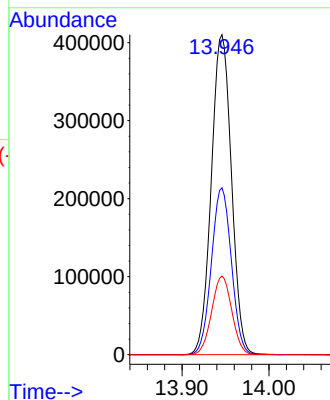
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 91 Resp: 660426  
Ion Ratio Lower Upper  
91 100  
92 51.8 26.0 78.0  
134 24.5 12.5 37.5

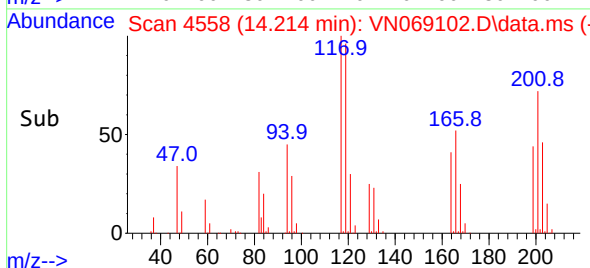
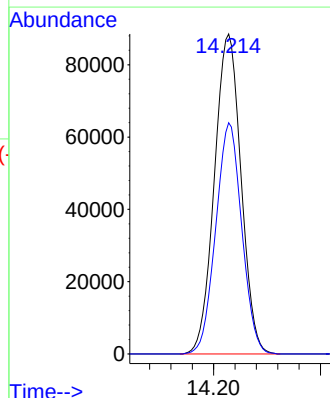
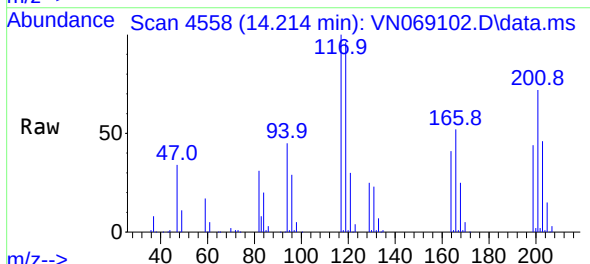
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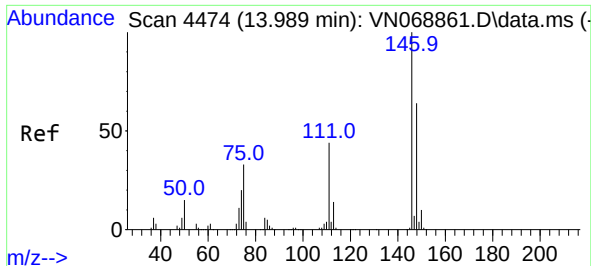
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#90  
Hexachloroethane  
Concen: 48.029 ug/l  
RT: 14.214 min Scan# 4558  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

Tgt Ion: 117 Resp: 153316  
Ion Ratio Lower Upper  
117 100  
201 70.5 37.1 111.5





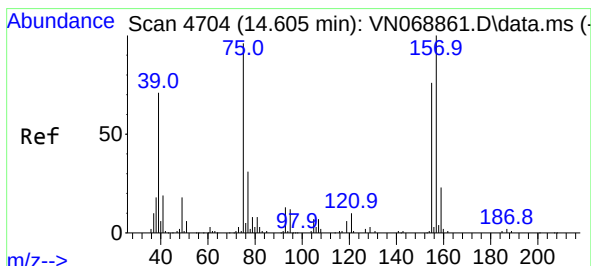
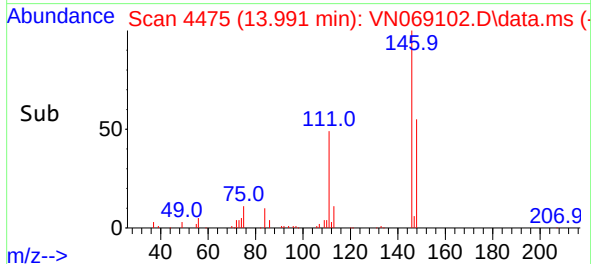
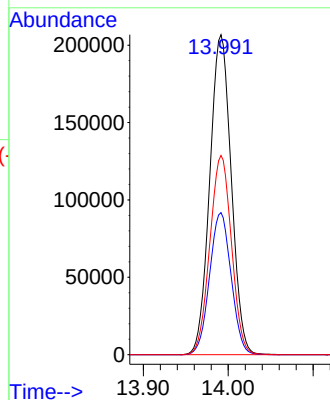
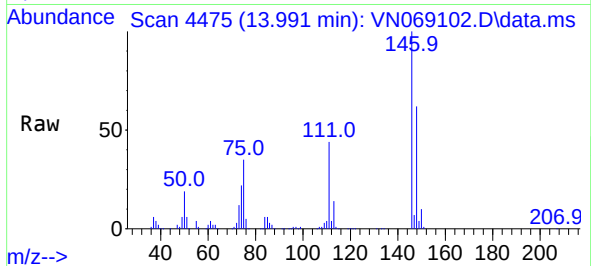
#91  
1,2-Dichlorobenzene  
Concen: 51.737 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.003 min  
Lab File: VN069102.D  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 362676 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 44.6  | 22.0  | 66.0   |
| 148      | 62.9  | 32.1  | 96.5   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

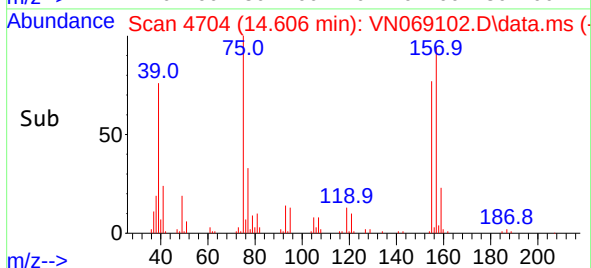
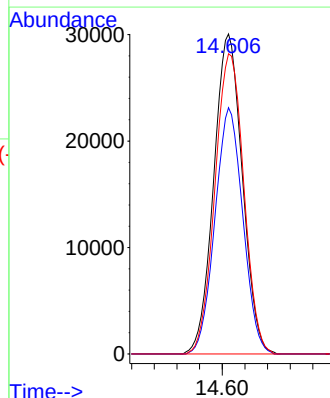
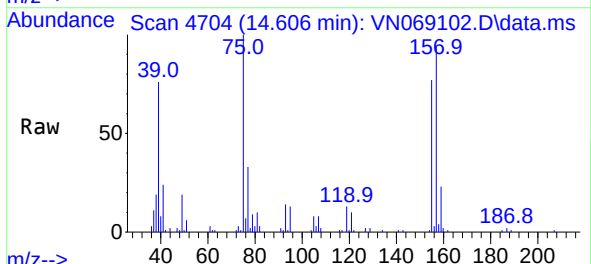
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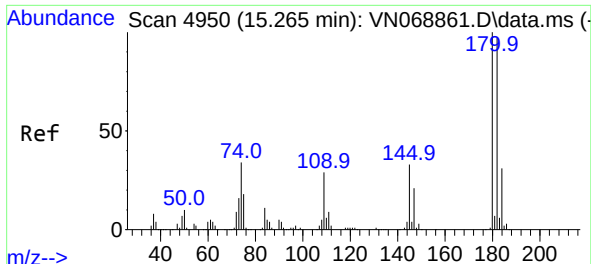
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 50.023 ug/l  
RT: 14.606 min Scan# 4704  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

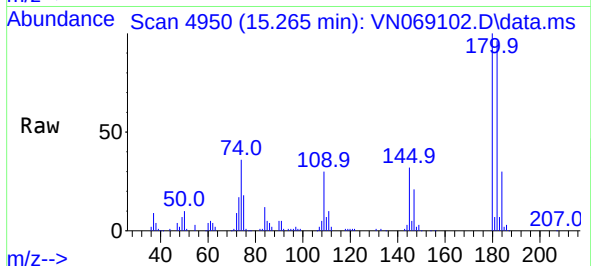
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 52586 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 75.1  | 38.8  | 116.4 |
| 157      | 94.8  | 50.2  | 150.6 |





#93  
1,2,4-Trichlorobenzene  
Concen: 45.011 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

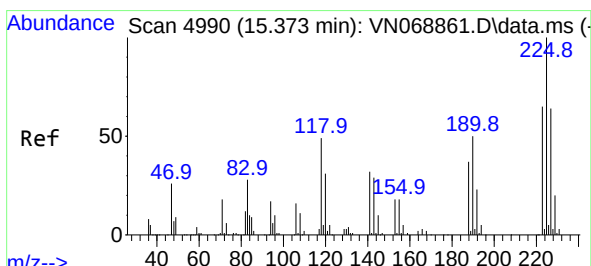
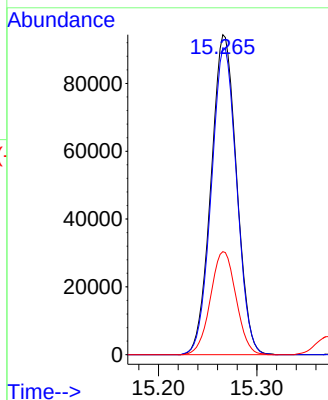
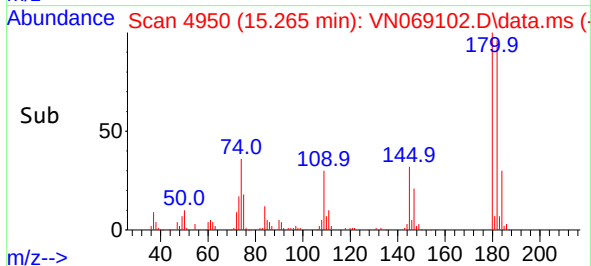
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



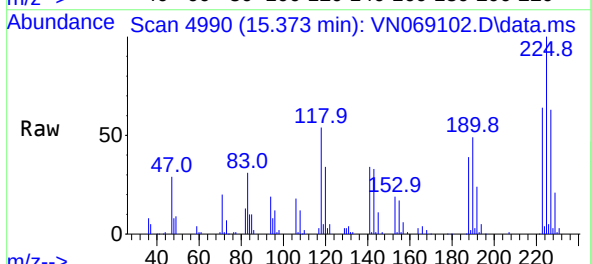
Tgt Ion:180 Resp: 170314  
Ion Ratio Lower Upper  
180 100  
182 95.2 47.9 143.7  
145 32.3 16.4 49.2

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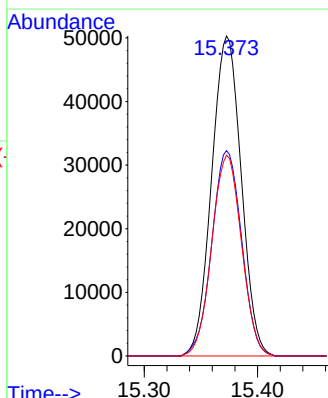
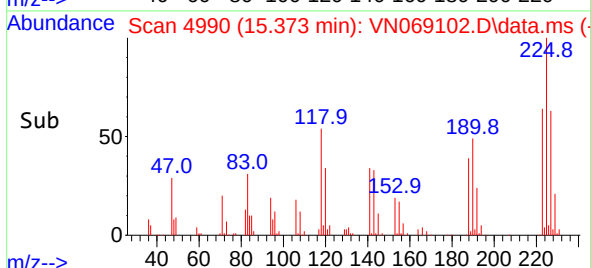
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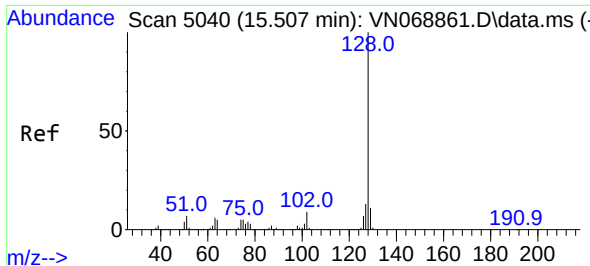


#94  
Hexachlorobutadiene  
Concen: 45.660 ug/l  
RT: 15.373 min Scan# 4990  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05



Tgt Ion:225 Resp: 91142  
Ion Ratio Lower Upper  
225 100  
223 64.7 31.5 94.5  
227 63.1 31.6 94.7





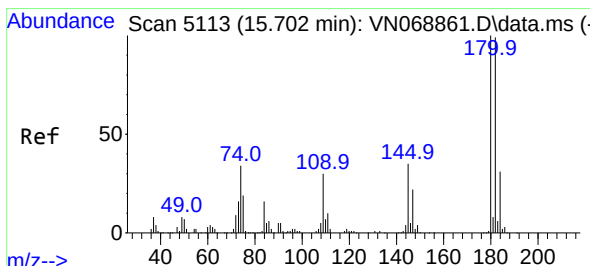
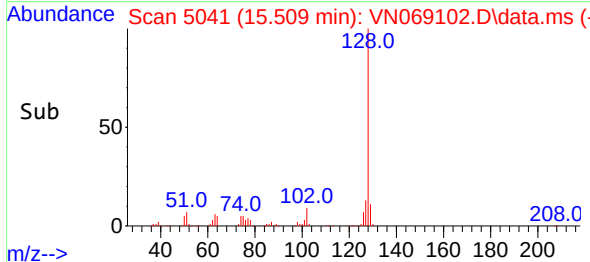
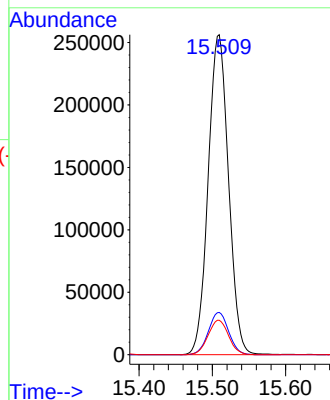
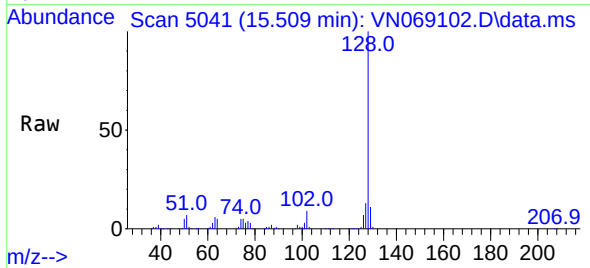
#95  
Naphthalene  
Concen: 47.127 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.002 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 493253 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.2  | 10.5  | 15.7   |
| 129       | 10.9  | 8.9   | 13.3   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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#96  
1,2,3-Trichlorobenzene  
Concen: 45.522 ug/l  
RT: 15.702 min Scan# 5113  
Delta R.T. 0.000 min  
Lab File: VN069102.D  
Acq: 21 Oct 2021 21:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 164037 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.9  | 48.1  | 144.3  |
| 145       | 35.3  | 17.4  | 52.2   |

