

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071421\  
 Data File : VN067738.D  
 Acq On : 14 Jul 2021 12:42  
 Operator : JC/MD  
 Sample : VN0714WBS02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0714WBS02

Manual Integrations  
 APPROVED

MMDadoda  
 7/16/2021 10:43:14 AM

Quant Time: Jul 14 17:15:26 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N071421W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Jul 14 01:19:19 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Bromochloromethane        | 7.659  | 128   | 67614    | 30.000   | ug/l       | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.971  | 114   | 401120   | 30.000   | ug/l       | 0.00     |
| 57) Chlorobenzene-d5         | 11.749 | 117   | 384931   | 30.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 27) 1,2-Dichloroethane-d4    | 8.440  | 65    | 178720   | 32.718   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | = 109.067% |          |
| 60) 4-Bromofluorobenzene     | 12.733 | 95    | 183028   | 29.278   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | = 97.600%  |          |
| 63) Toluene-d8               | 10.443 | 98    | 535354   | 30.238   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | = 100.800% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.073  | 85    | 64658    | 18.712   | ug/l       | 99       |
| 3) Chloromethane             | 2.301  | 50    | 84725    | 19.631   | ug/l       | 99       |
| 4) Vinyl Chloride            | 2.443  | 62    | 136544   | 20.337   | ug/l       | 100      |
| 5) Bromomethane              | 2.856  | 94    | 120046   | 21.473   | ug/l       | 99       |
| 6) Chloroethane              | 3.019  | 64    | 107232   | 21.446   | ug/l       | 99       |
| 7) Trichlorofluoromethane    | 3.371  | 101   | 265497   | 21.311   | ug/l       | 97       |
| 8) Diethyl Ether             | 3.821  | 74    | 47670    | 20.570   | ug/l       | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 4.202  | 101   | 72107    | 20.362   | ug/l       | 73       |
| 10) 1,1-Dichloroethene       | 4.175  | 96    | 64319    | 19.610   | ug/l       | 93       |
| 11) Methyl Iodide            | 4.414  | 142   | 77737    | 17.927   | ug/l       | 97       |
| 12) Methyl Acetate           | 4.862  | 43    | 86573    | 19.338   | ug/l       | 95       |
| 13) Acrolein                 | 4.038  | 56    | 47372    | 101.024  | ug/l #     | 44       |
| 14) Acrylonitrile            | 5.559  | 53    | 189407   | 96.219   | ug/l       | 98       |
| 15) Acetone                  | 4.293  | 58    | 48500    | 99.392   | ug/l       | 96       |
| 16) Carbon Disulfide         | 4.521  | 76    | 161721   | 18.672   | ug/l       | 99       |
| 17) Allyl chloride           | 4.835  | 41    | 111462   | 19.313   | ug/l       | 98       |
| 18) Methylene Chloride       | 5.098  | 84    | 84355m   | 18.585   | ug/l       |          |
| 19) trans-1,2-Dichloroethene | 5.594  | 96    | 72711    | 18.592   | ug/l       | 95       |
| 20) Diisopropyl ether        | 6.500  | 45    | 244205   | 17.870   | ug/l       | 97       |
| 21) 1,1-Dichloroethane       | 6.385  | 63    | 144522   | 19.224   | ug/l       | 98       |
| 22) cis-1,2-Dichloroethene   | 7.327  | 96    | 92800    | 19.230   | ug/l       | 96       |
| 23) tert-Butyl Alcohol       | 5.385  | 59    | 67729    | 93.342   | ug/l #     | 100      |
| 24) Methyl tert-Butyl Ether  | 5.621  | 73    | 257968   | 19.050   | ug/l       | 99       |
| 25) Chloroform               | 7.817  | 83    | 161006   | 19.247   | ug/l       | 99       |
| 26) Cyclohexane              | 8.096  | 56    | 125603   | 19.175   | ug/l #     | 99       |
| 29) 1,1-Dichloropropene      | 8.222  | 75    | 117288   | 18.636   | ug/l       | 99       |
| 30) 2-Butanone               | 7.340  | 43    | 267392   | 91.747   | ug/l       | 100      |
| 31) 2,2-Dichloropropane      | 7.327  | 77    | 126404   | 18.003   | ug/l       | 100      |
| 32) 1,1,1-Trichloroethane    | 8.016  | 97    | 139725   | 18.079   | ug/l       | 99       |
| 33) Carbon Tetrachloride     | 8.206  | 117   | 117789   | 17.850   | ug/l       | 99       |
| 34) Benzene                  | 8.461  | 78    | 352096   | 18.716   | ug/l       | 99       |
| 35) Methacrylonitrile        | 7.643  | 41    | 52583    | 17.552   | ug/l       | 96       |
| 36) 1,2-Dichloroethane       | 8.531  | 62    | 133813   | 19.108   | ug/l       | 98       |
| 37) Trichloroethene          | 9.217  | 130   | 88656    | 18.140   | ug/l       | 96       |
| 38) Methylcyclohexane        | 9.461  | 83    | 126845   | 18.197   | ug/l       | 99       |
| 39) 1,2-Dichloropropane      | 9.494  | 63    | 88274    | 18.400   | ug/l       | 100      |
| 40) Dibromomethane           | 9.579  | 93    | 63060    | 18.279   | ug/l       | 98       |
| 41) Bromodichloromethane     | 9.764  | 83    | 123212   | 18.194   | ug/l       | 99       |
| 42) Vinyl Acetate            | 6.436  | 43    | 1084388m | 93.526   | ug/l       |          |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071421\  
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 Operator : JC/MD  
 Sample : VN0714WBS02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0714WBS02

Manual Integrations  
 APPROVED

MMDadoda  
 7/16/2021 10:43:14 AM

Quant Time: Jul 14 17:15:26 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N071421W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Jul 14 01:19:19 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 7.418  | 43   | 111728   | 18.962  | ug/l   | 95       |
| 44) Isopropyl Acetate         | 8.566  | 43   | 194012   | 18.135  | ug/l   | 98       |
| 45) 1,4-Dioxane               | 9.569  | 88   | 27653    | 341.333 | ug/l   | 99       |
| 46) Methyl methacrylate       | 9.563  | 41   | 84335    | 18.261  | ug/l   | 97       |
| 47) n-amyl Acetate            | 12.390 | 43   | 151139   | 17.210  | ug/l   | 98       |
| 48) t-1,3-Dichloropropene     | 10.719 | 75   | 128437   | 17.599  | ug/l   | 98       |
| 49) cis-1,3-Dichloropropene   | 10.194 | 75   | 138569   | 17.888  | ug/l   | 98       |
| 50) 1,1,2-Trichloroethane     | 10.899 | 97   | 88684    | 18.014  | ug/l   | 96       |
| 51) Ethyl methacrylate        | 10.762 | 69   | 133322   | 17.415  | ug/l   | 98       |
| 52) 1,3-Dichloropropane       | 11.046 | 76   | 149409   | 18.354  | ug/l   | 98       |
| 53) Dibromochloromethane      | 11.240 | 129  | 87742    | 17.026  | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 11.349 | 107  | 92138    | 18.144  | ug/l   | 98       |
| 55) 2-Chloroethyl vinyl ether | 10.043 | 63   | 115675   | 78.122  | ug/l   | 99       |
| 56) Bromoform                 | 12.462 | 173  | 55044    | 15.245  | ug/l # | 99       |
| 58) 4-Methyl-2-Pentanone      | 10.333 | 43   | 610214   | 92.321  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.089 | 43   | 416663   | 89.908  | ug/l   | 99       |
| 61) Tetrachloroethene         | 10.979 | 164  | 88530    | 18.723  | ug/l   | 97       |
| 62) Toluene                   | 10.507 | 91   | 406150   | 17.939  | ug/l   | 97       |
| 64) Chlorobenzene             | 11.773 | 112  | 244849   | 18.057  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 89315    | 17.878  | ug/l   | 98       |
| 66) Ethyl Benzene             | 11.848 | 91   | 453990   | 18.120  | ug/l   | 99       |
| 67) m/p-Xylenes               | 11.956 | 106  | 346128   | 36.220  | ug/l   | 99       |
| 68) o-Xylene                  | 12.283 | 106  | 169786   | 17.999  | ug/l   | 100      |
| 69) Styrene                   | 12.299 | 104  | 278912   | 17.880  | ug/l   | 99       |
| 70) Isopropylbenzene          | 12.580 | 105  | 441128   | 18.121  | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 127683   | 18.474  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 12.884 | 75   | 114839m  | 19.986  | ug/l   |          |
| 73) Bromobenzene              | 12.865 | 156  | 95169    | 17.009  | ug/l   | 98       |
| 74) n-propylbenzene           | 12.924 | 91   | 510643   | 18.306  | ug/l   | 99       |
| 75) 2-Chlorotoluene           | 13.010 | 91   | 304231   | 18.171  | ug/l   | 98       |
| 76) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 370826   | 18.502  | ug/l   | 100      |
| 77) t-1,4-Dichloro-2-butene   | 12.629 | 75   | 30825    | 15.896  | ug/l   | 95       |
| 78) 4-Chlorotoluene           | 13.106 | 91   | 302630   | 18.130  | ug/l   | 99       |
| 79) tert-butylbenzene         | 13.326 | 119  | 309086   | 17.961  | ug/l   | 99       |
| 80) 1,2,4-Trimethylbenzene    | 13.372 | 105  | 364455m  | 18.312  | ug/l   |          |
| 81) sec-Butylbenzene          | 13.506 | 105  | 436979   | 18.305  | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 13.618 | 119  | 348698   | 17.550  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 13.618 | 146  | 182147   | 17.432  | ug/l   | 100      |
| 84) 1,4-Dichlorobenzene       | 13.696 | 146  | 175575   | 17.250  | ug/l   | 99       |
| 85) n-Butylbenzene            | 13.946 | 91   | 293337   | 17.796  | ug/l   | 100      |
| 86) Hexachloroethane          | 14.211 | 117  | 56707    | 17.156  | ug/l   | 100      |
| 87) 1,2-Dichlorobenzene       | 13.991 | 146  | 172921   | 17.334  | ug/l   | 98       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.605 | 75   | 21987    | 17.781  | ug/l   | 98       |
| 89) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 70339    | 15.464  | ug/l   | 98       |
| 90) Hexachlorobutadiene       | 15.372 | 225  | 38450    | 17.587  | ug/l   | 96       |
| 91) Naphthalene               | 15.509 | 128  | 179476   | 13.889  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 66586    | 15.280  | ug/l   | 99       |

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

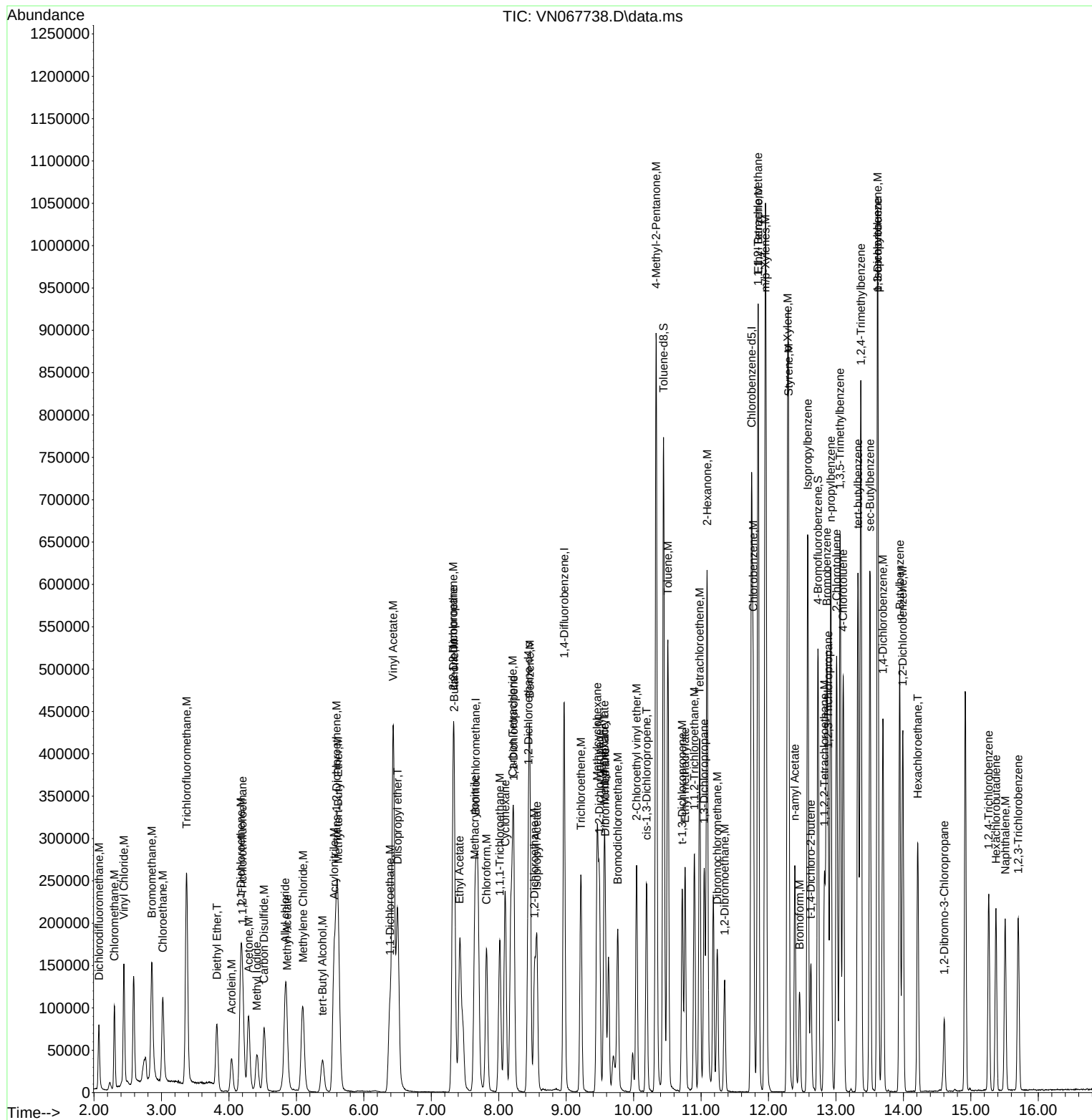
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 Data File : VN067738.D  
 Acq On : 14 Jul 2021 12:42  
 Operator : JC/MD  
 Sample : VN0714WBS02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

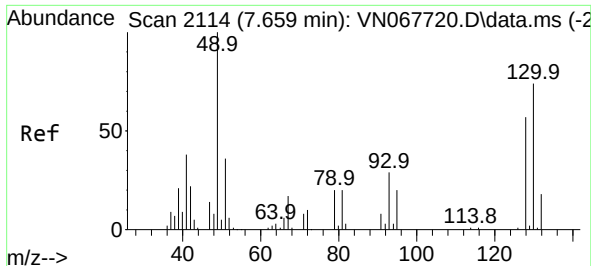
Instrument :  
 MSVOA\_N  
 Client Sample Id :  
 VN0714WBS02

Manual Integrations  
 APPROVED

MMDadoda  
 7/16/2021 10:43:14 AM

Quant Time: Jul 14 17:15:26 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N071421W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Jul 14 01:19:19 2021  
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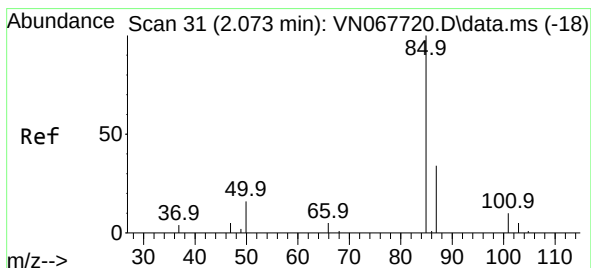
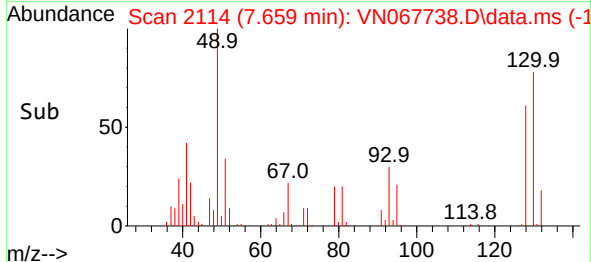
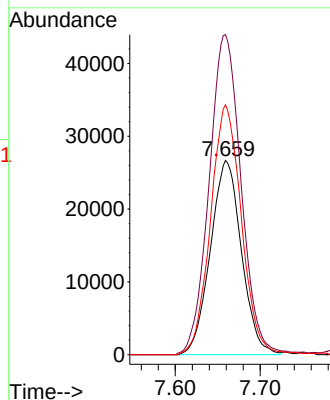
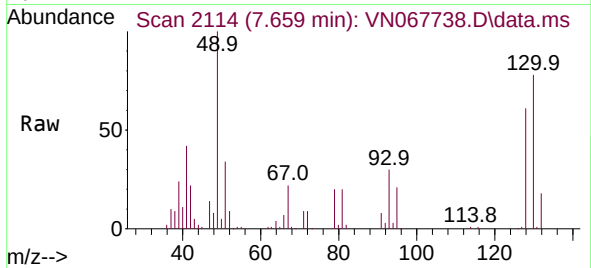
#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.659 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion:128 Resp: 67614  
Ion Ratio Lower Upper  
128 100  
49 169.6 0.0 433.0  
130 128.0 0.0 323.8

Instrument :  
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VN0714WBS02

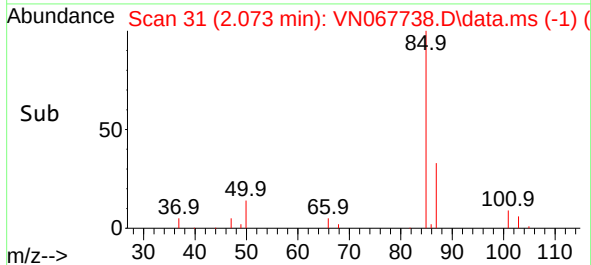
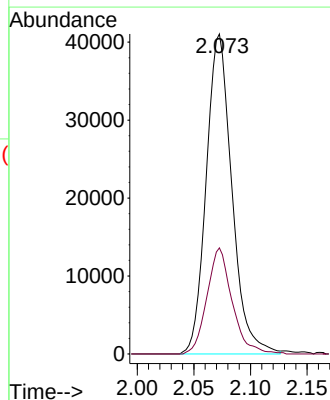
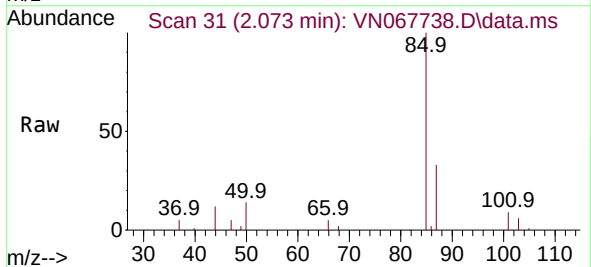
Manual Integrations  
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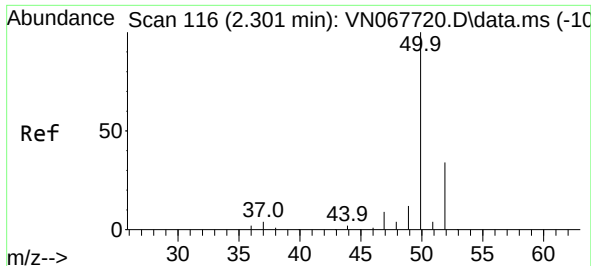
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7/16/2021 10:43:14 AM



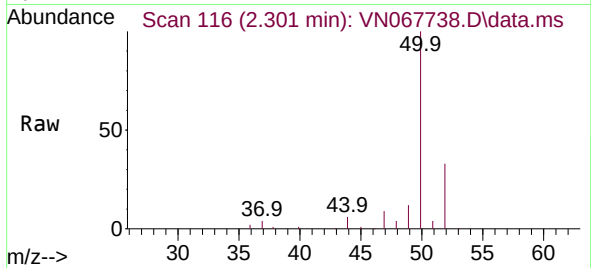
#2  
Dichlorodifluoromethane  
Concen: 18.712 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion: 85 Resp: 64658  
Ion Ratio Lower Upper  
85 100  
87 33.1 17.0 50.9

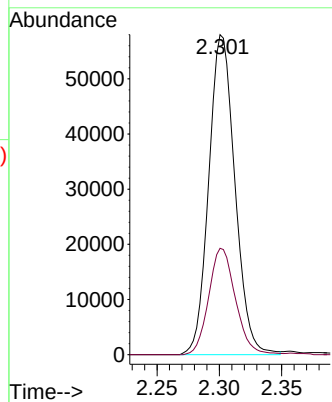
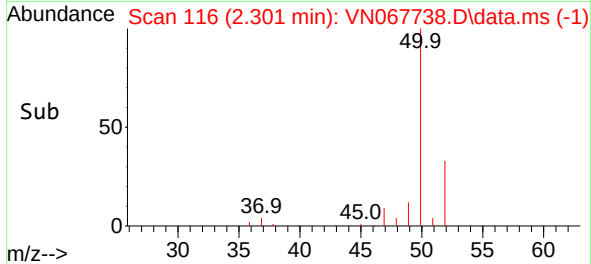




#3  
Chloromethane  
Concen: 19.631 ug/l  
RT: 2.301 min Scan# 116  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



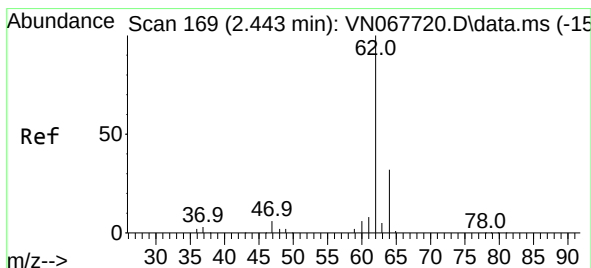
Tgt Ion: 50 Resp: 84725  
Ion Ratio Lower Upper  
50 100  
52 33.2 27.2 40.8



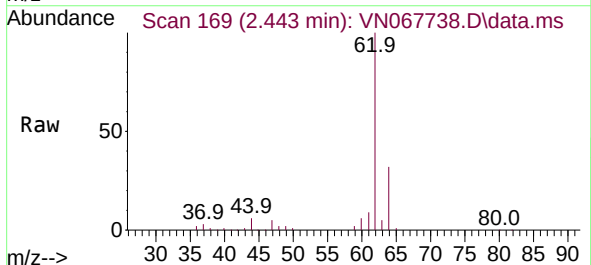
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02

Manual Integrations  
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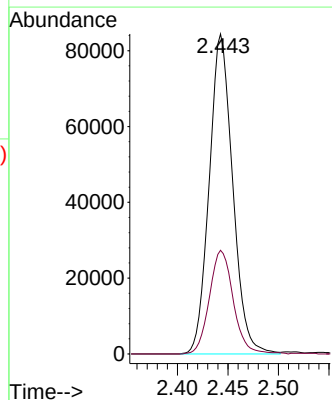
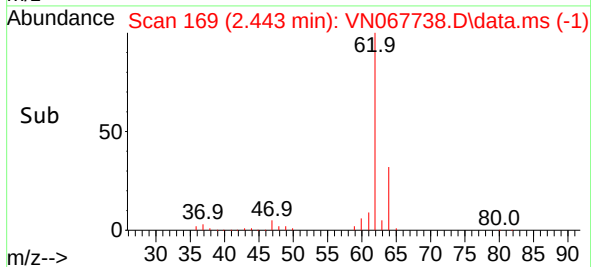
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7/16/2021 10:43:14 AM

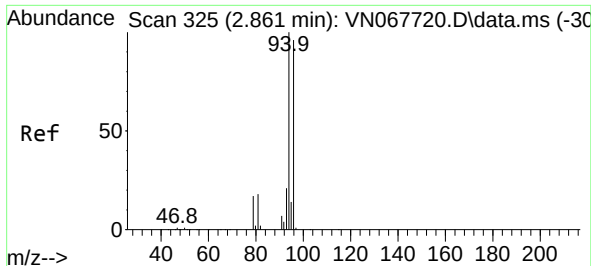


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Vinyl Chloride  
Concen: 20.337 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

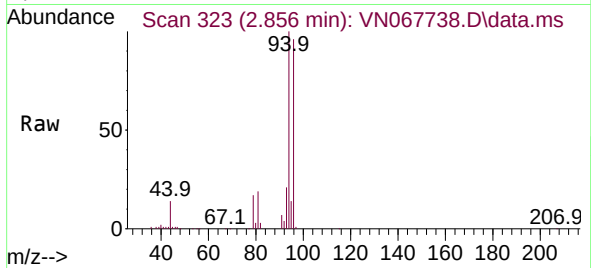


Tgt Ion: 62 Resp: 136544  
Ion Ratio Lower Upper  
62 100  
64 32.4 25.9 38.9

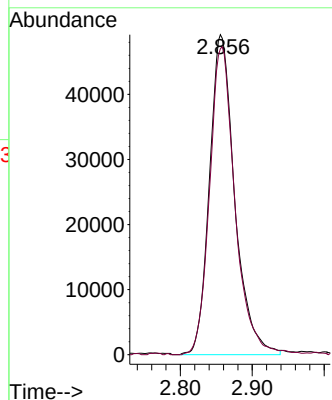




#5  
Bromomethane  
Concen: 21.473 ug/l  
RT: 2.856 min Scan# 323  
Delta R.T. -0.006 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



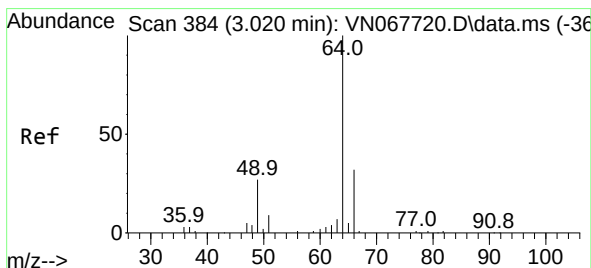
Tgt Ion: 94 Resp: 120046  
Ion Ratio Lower Upper  
94 100  
96 95.6 76.9 115.3



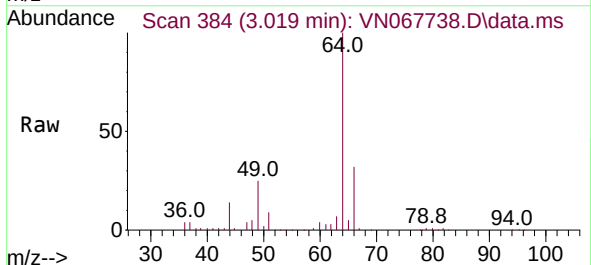
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02

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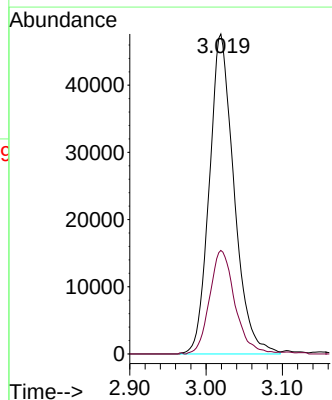
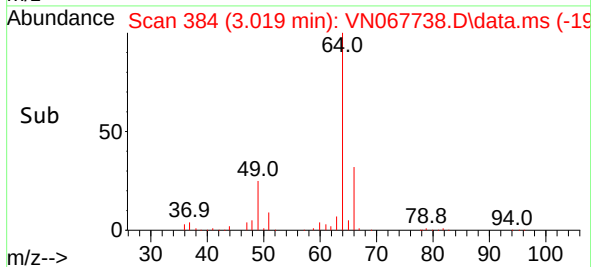
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7/16/2021 10:43:14 AM

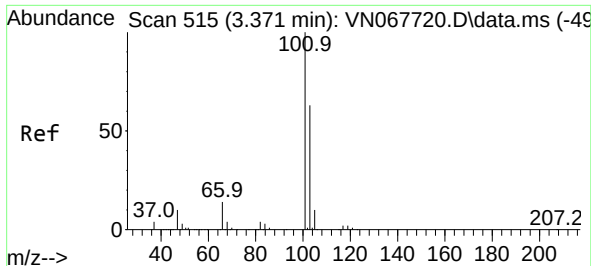


#6  
Chloroethane  
Concen: 21.446 ug/l  
RT: 3.019 min Scan# 384  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



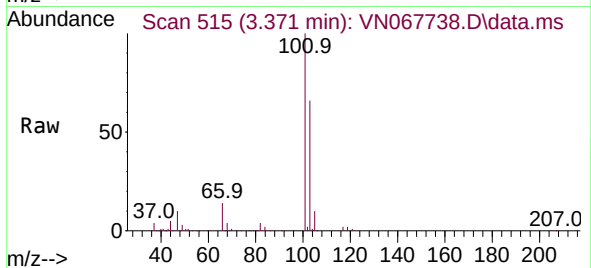
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Ion Ratio Lower Upper  
64 100  
66 32.0 25.4 38.0



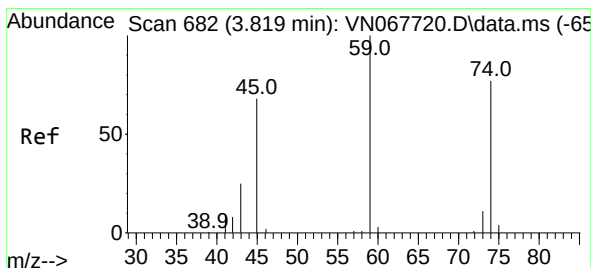
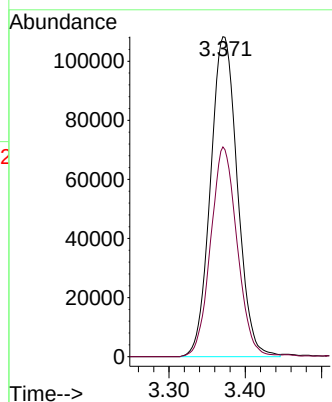
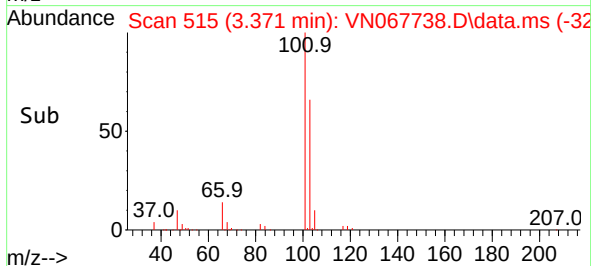


#7  
Trichlorofluoromethane  
Concen: 21.311 ug/l  
RT: 3.371 min Scan# 515  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

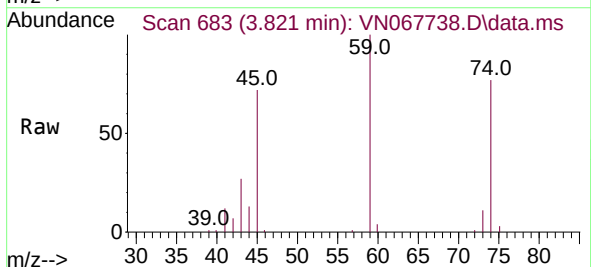
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02



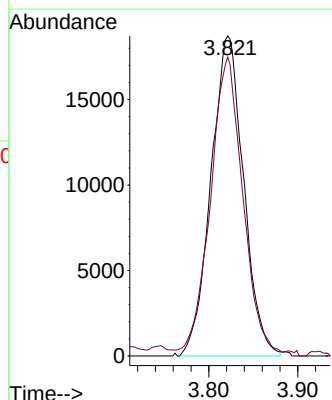
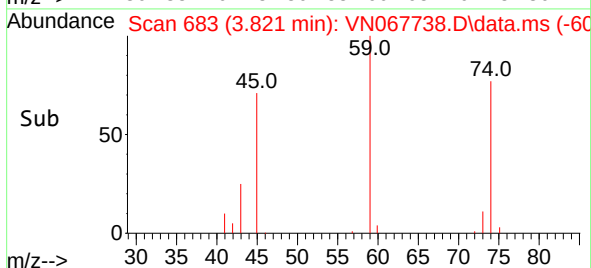
Tgt Ion:101 Resp: 265497  
Ion Ratio Lower Upper  
101 100  
103 65.6 50.3 75.5

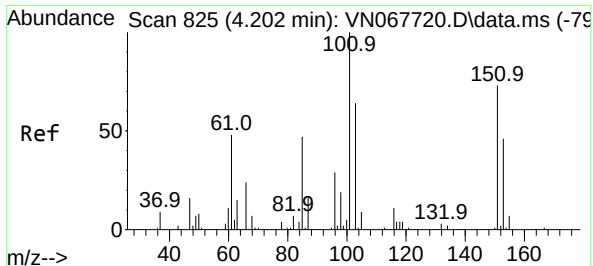


#8  
Diethyl Ether  
Concen: 20.570 ug/l  
RT: 3.821 min Scan# 683  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



Tgt Ion: 74 Resp: 47670  
Ion Ratio Lower Upper  
74 100  
45 90.2 17.5 157.1





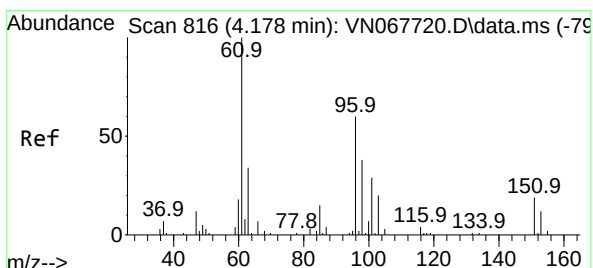
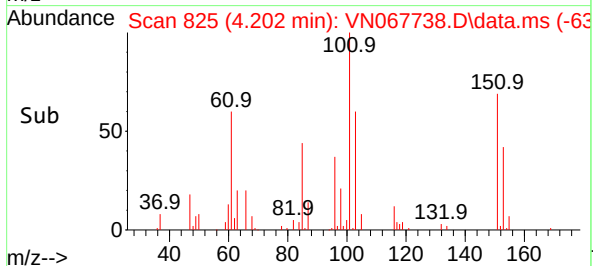
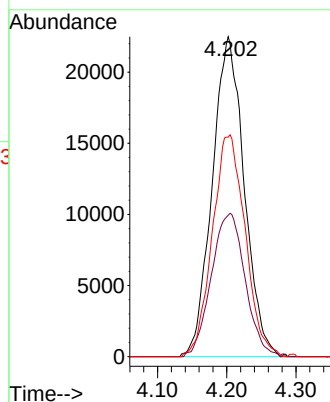
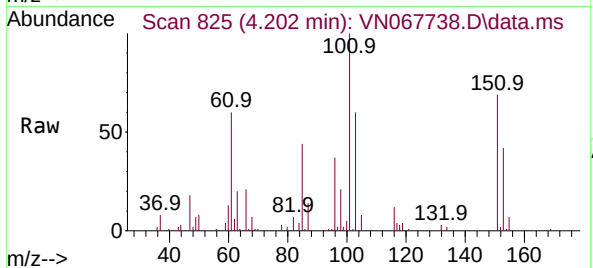
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.362 ug/l  
RT: 4.202 min Scan# 825  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion: 101 Resp: 72107  
Ion Ratio Lower Upper  
101 100  
85 47.4 0.0 98.0  
151 35.9 0.0 143.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02

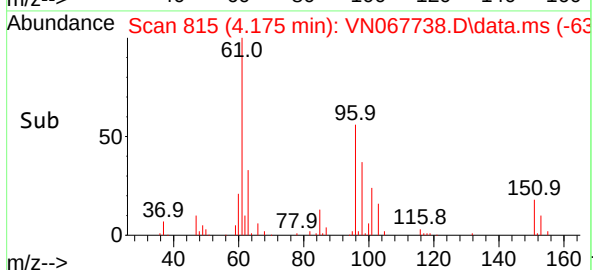
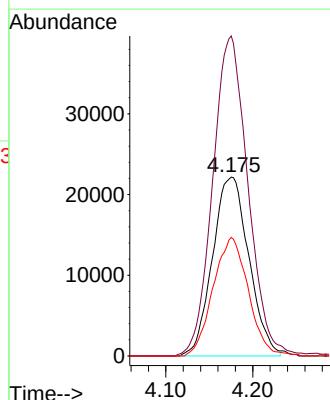
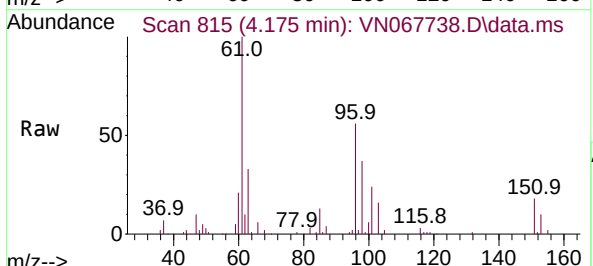
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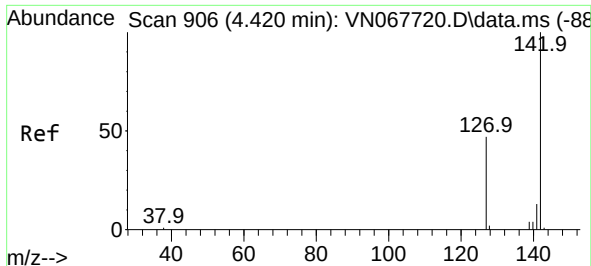


#10  
1,1-Dichloroethene  
Concen: 19.610 ug/l  
RT: 4.175 min Scan# 815  
Delta R.T. -0.003 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion: 96 Resp: 64319  
Ion Ratio Lower Upper  
96 100  
61 177.8 133.9 200.9  
98 66.3 50.5 75.7

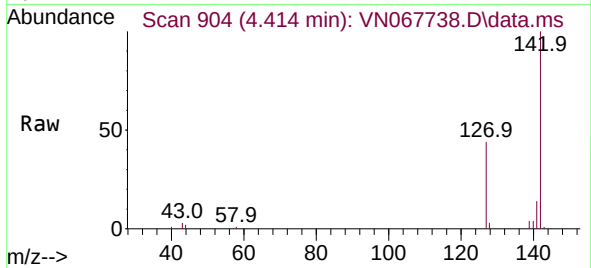






#11  
Methyl Iodide  
Concen: 17.927 ug/l  
RT: 4.414 min Scan# 904  
Delta R.T. -0.006 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

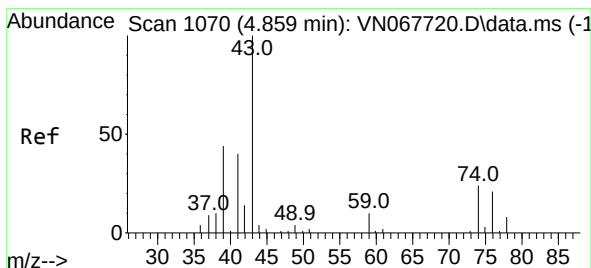
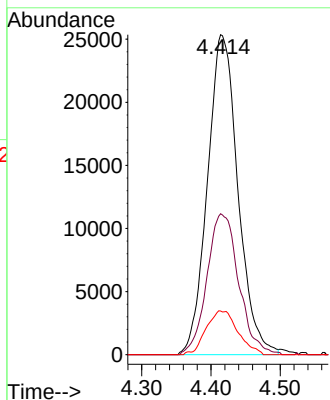
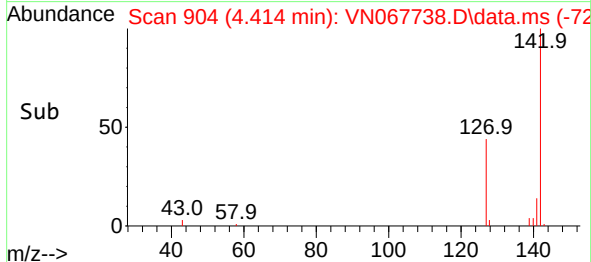
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02



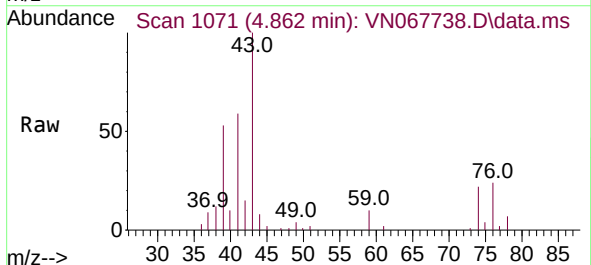
Tgt Ion:142 Resp: 77737  
Ion Ratio Lower Upper  
142 100  
127 44.0 23.4 70.2  
141 13.7 6.7 20.0

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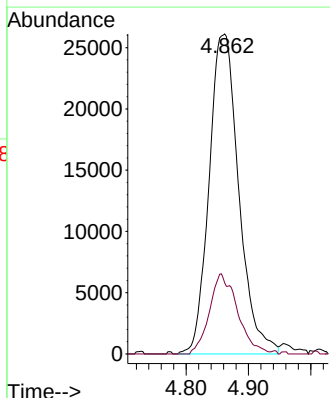
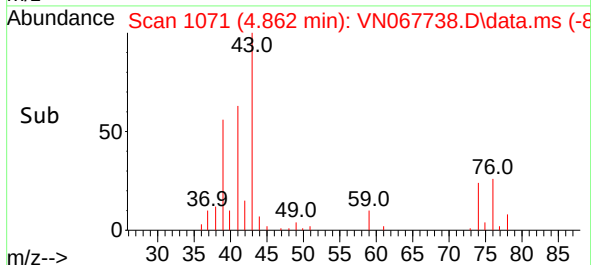
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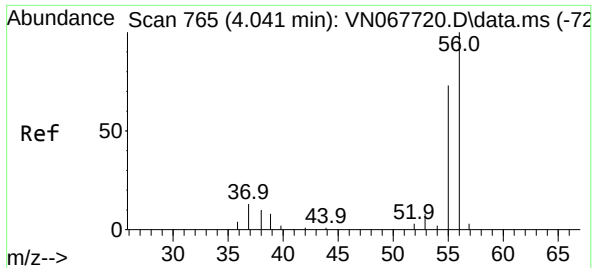


#12  
Methyl Acetate  
Concen: 19.338 ug/l  
RT: 4.862 min Scan# 1071  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



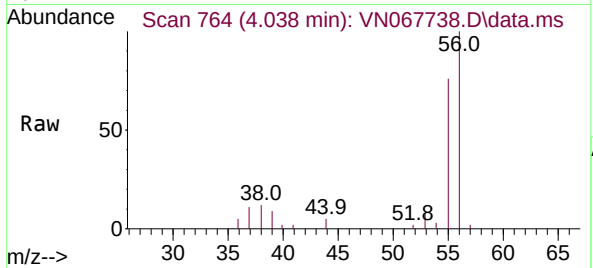
Tgt Ion: 43 Resp: 86573  
Ion Ratio Lower Upper  
43 100  
74 22.4 19.8 29.6





#13  
Acrolein  
Concen: 101.024 ug/l  
RT: 4.038 min Scan# 764  
Delta R.T. -0.003 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

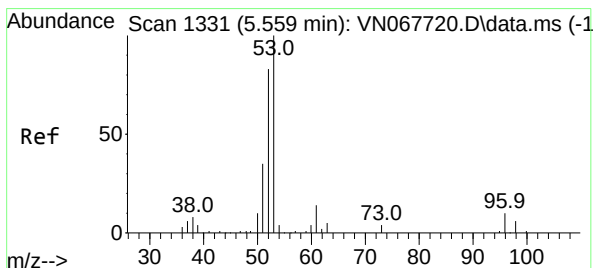
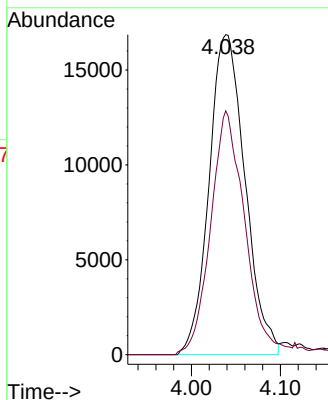
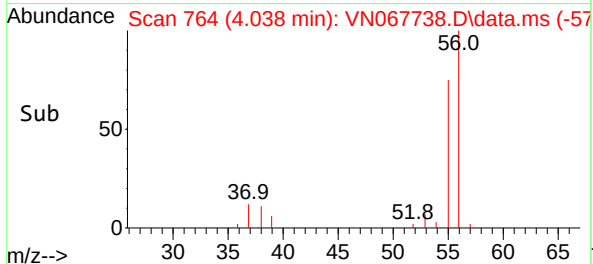
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02



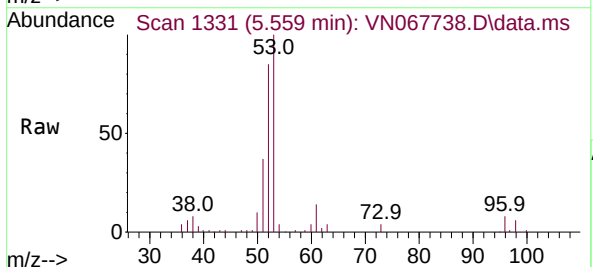
Tgt Ion: 56 Resp: 47372  
Ion Ratio Lower Upper  
56 100  
55 72.2 0.2 0.2#

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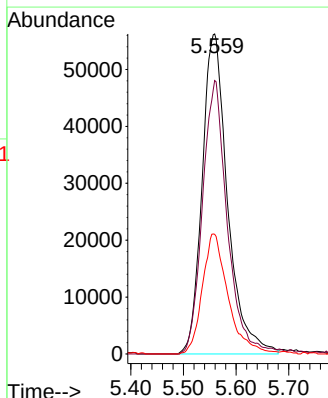
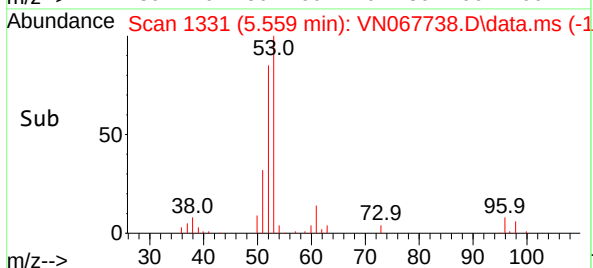
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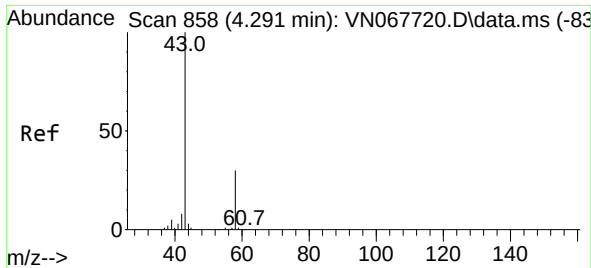


#14  
Acrylonitrile  
Concen: 96.219 ug/l  
RT: 5.559 min Scan# 1331  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



Tgt Ion: 53 Resp: 189407  
Ion Ratio Lower Upper  
53 100  
52 81.2 41.3 123.7  
51 37.9 18.4 55.0





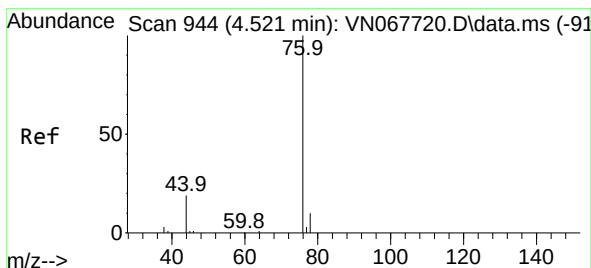
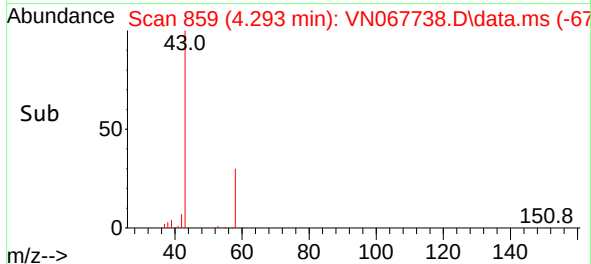
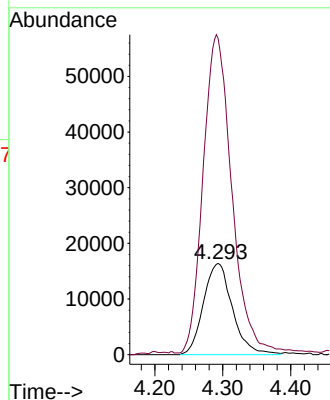
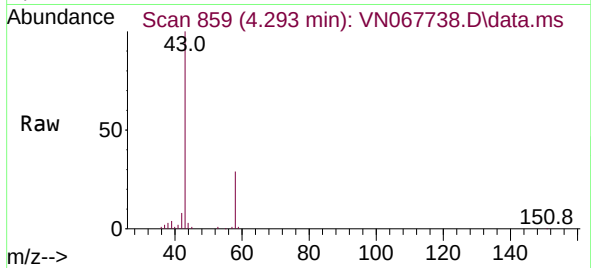
#15  
Acetone  
Concen: 99.392 ug/l  
RT: 4.293 min Scan# 859  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion: 58 Resp: 48500  
Ion Ratio Lower Upper  
58 100  
43 344.7 268.2 402.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02

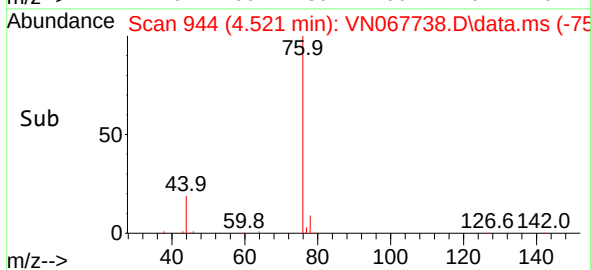
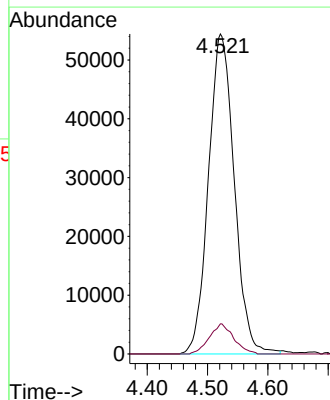
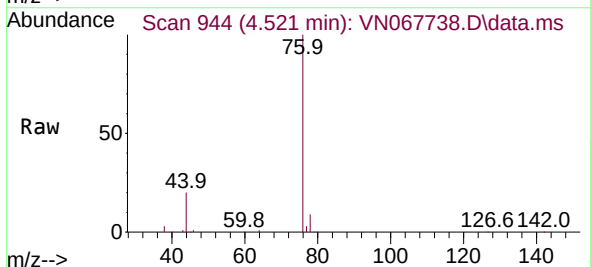
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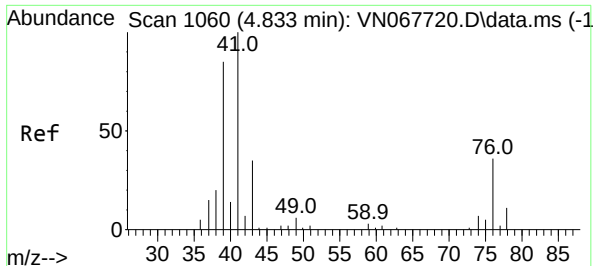
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#16  
Carbon Disulfide  
Concen: 18.672 ug/l  
RT: 4.521 min Scan# 944  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion: 76 Resp: 161721  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.9 11.9





#17

Allyl chloride

Concen: 19.313 ug/l

RT: 4.835 min Scan# 1061

Delta R.T. 0.002 min

Lab File: VN067738.D

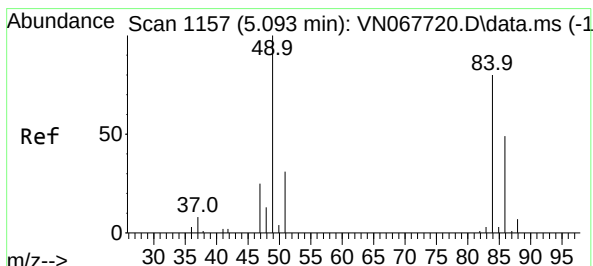
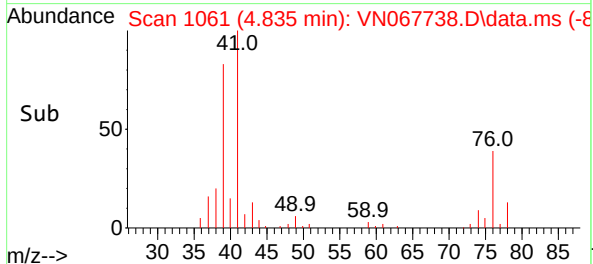
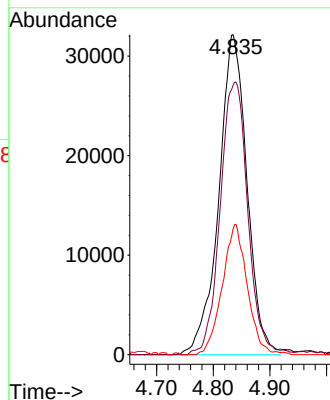
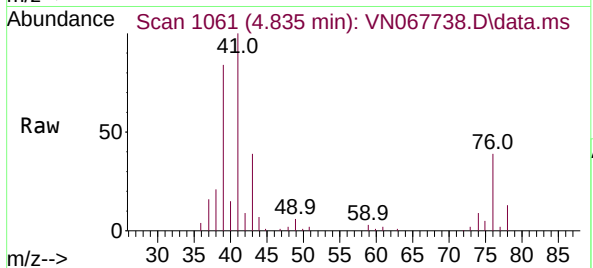
Acq: 14 Jul 2021 12:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 111462 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 84.1  | 42.4  | 127.3  |
| 76       | 39.1  | 17.9  | 53.8   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
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#18

Methylene Chloride

Concen: 18.585 ug/l m

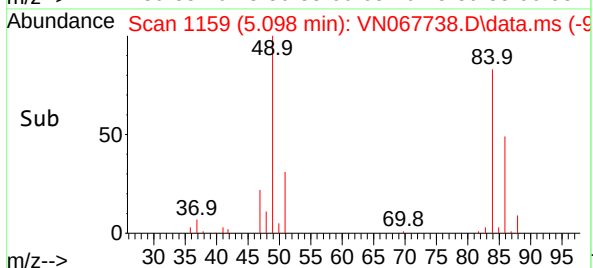
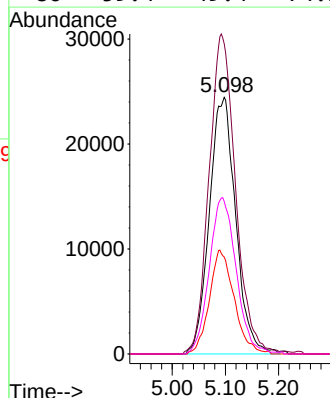
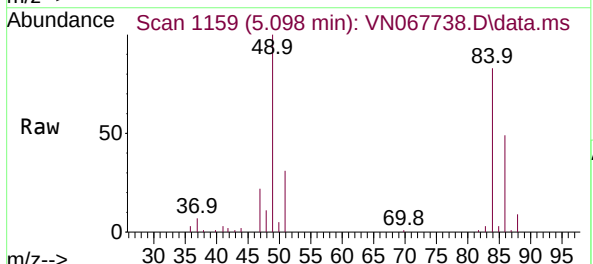
RT: 5.098 min Scan# 1159

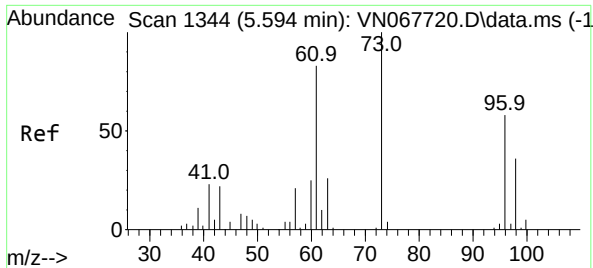
Delta R.T. 0.005 min

Lab File: VN067738.D

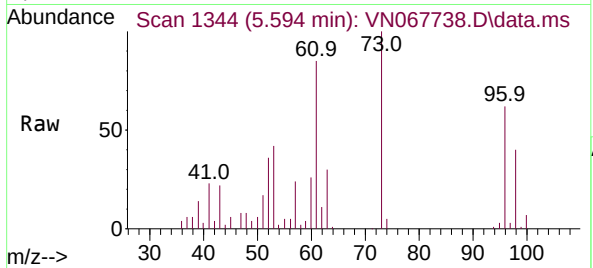
Acq: 14 Jul 2021 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 84355 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 120.8 | 100.5 | 150.7 |
| 51       | 37.8  | 30.7  | 46.1  |
| 86       | 59.4  | 49.4  | 74.2  |



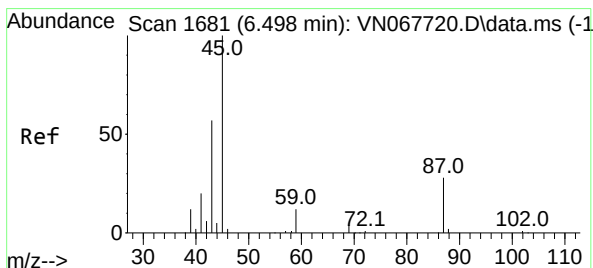
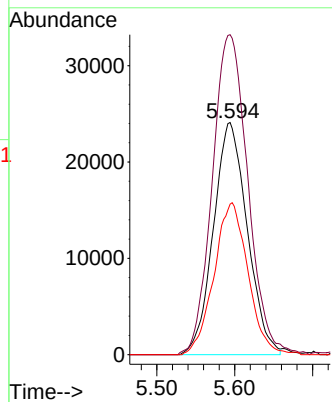
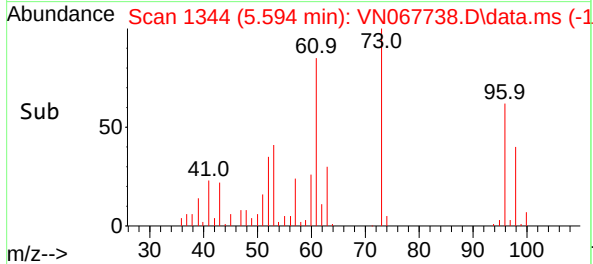


#19  
trans-1,2-Dichloroethene  
Concen: 18.592 ug/l  
RT: 5.594 min Scan# 1344  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

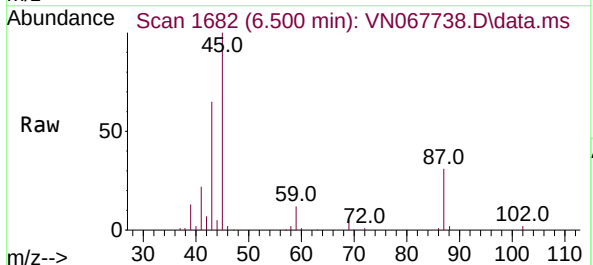


Tgt Ion: 96 Resp: 72711

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 136.9 | 114.3 | 171.5 |
| 98  | 64.9  | 49.3  | 73.9  |

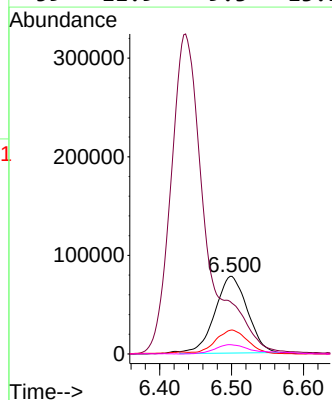
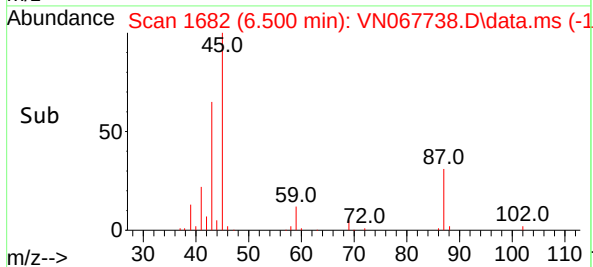


#20  
Diisopropyl ether  
Concen: 17.870 ug/l  
RT: 6.500 min Scan# 1682  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



Tgt Ion: 45 Resp: 244205

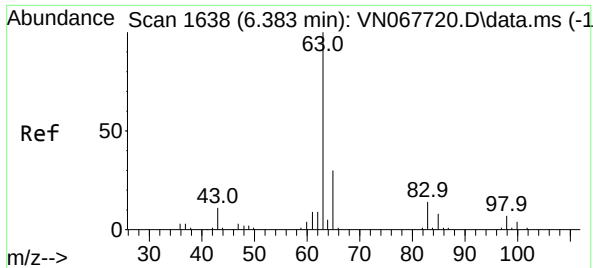
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 62.4  | 51.8  | 77.6  |
| 87  | 30.9  | 22.5  | 33.7  |
| 59  | 11.9  | 9.3   | 13.9  |



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02

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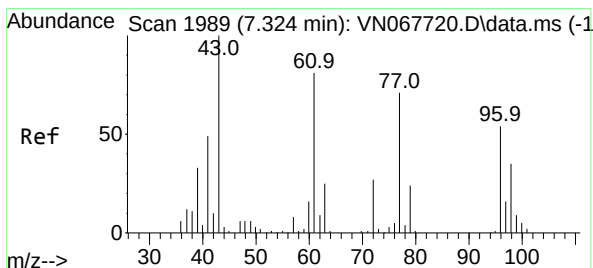
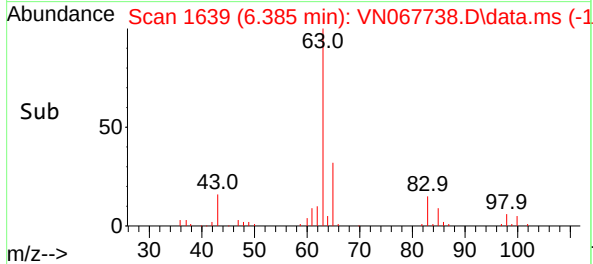
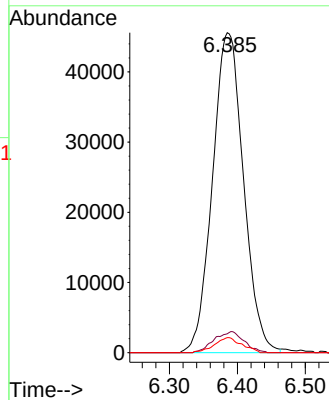
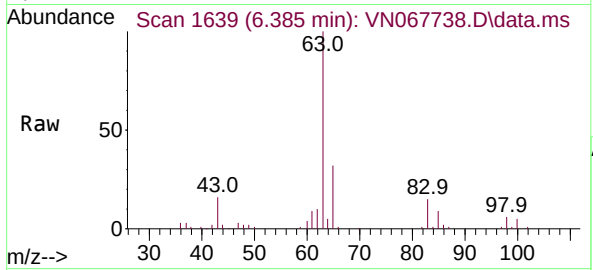
#21  
1,1-Dichloroethane  
Concen: 19.224 ug/l  
RT: 6.385 min Scan# 1639  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

|             |              |
|-------------|--------------|
| Tgt Ion: 63 | Resp: 144522 |
| Ion Ratio   | Lower Upper  |
| 63 100      |              |
| 98 5.9      | 3.3 9.8      |
| 100 4.7     | 2.0 5.8      |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02

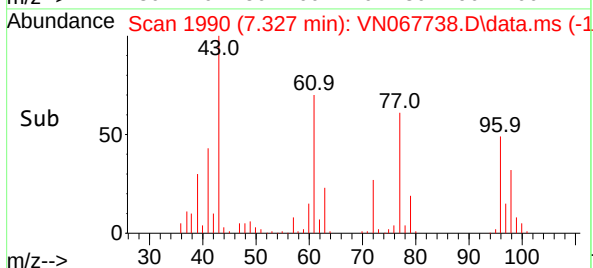
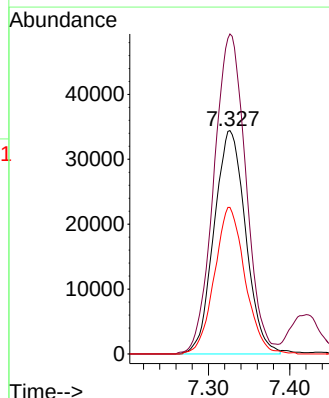
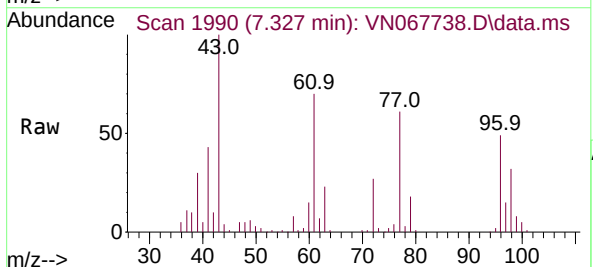
Manual Integrations  
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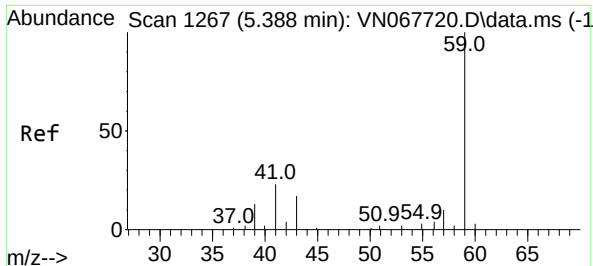
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#22  
cis-1,2-Dichloroethene  
Concen: 19.230 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 92800 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 145.1    | 121.2 181.8 |
| 98 63.6     | 51.8 77.8   |





#23

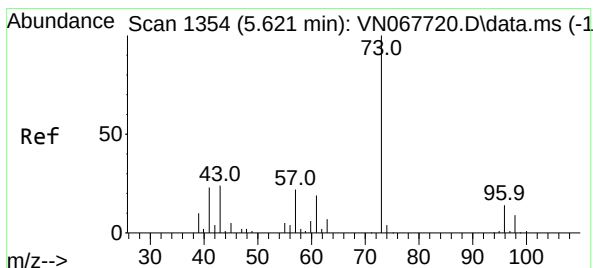
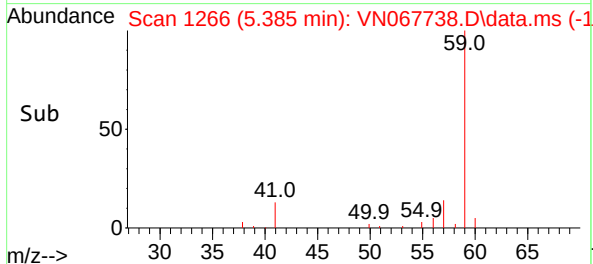
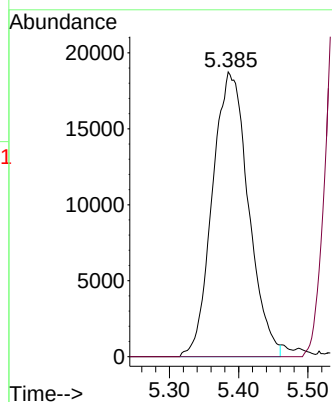
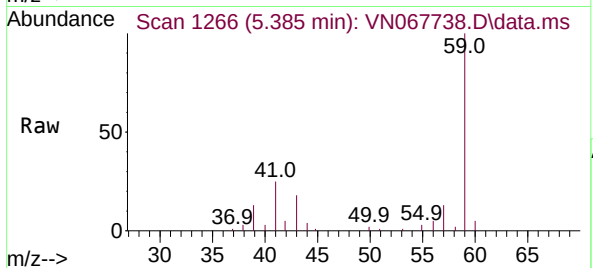
tert-Butyl Alcohol  
Concen: 93.342 ug/l  
RT: 5.385 min Scan# 1266  
Delta R.T. -0.003 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion: 59 Resp: 67729  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02

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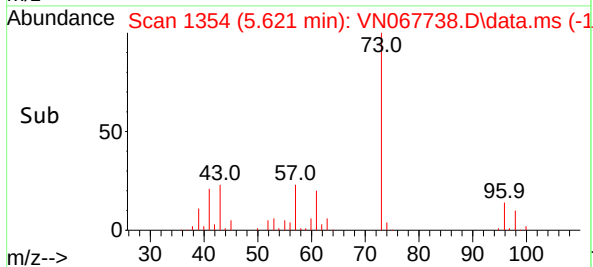
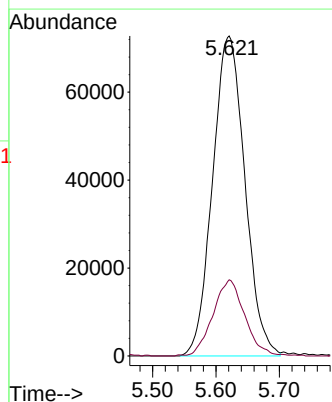
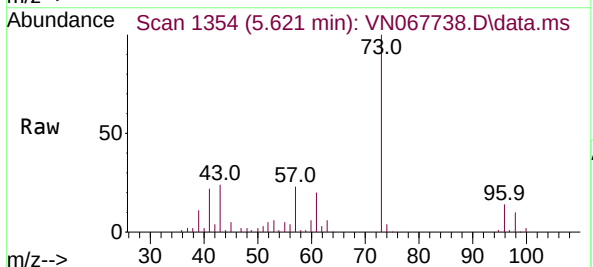
MMDadoda  
7/16/2021 10:43:14 AM

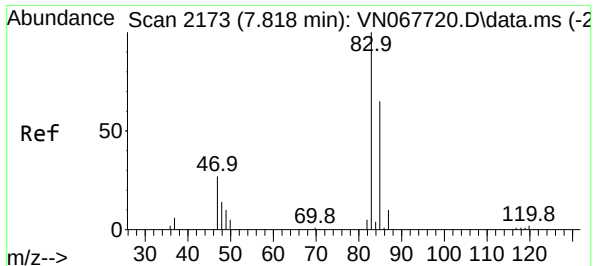


#24

Methyl tert-Butyl Ether  
Concen: 19.050 ug/l  
RT: 5.621 min Scan# 1354  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

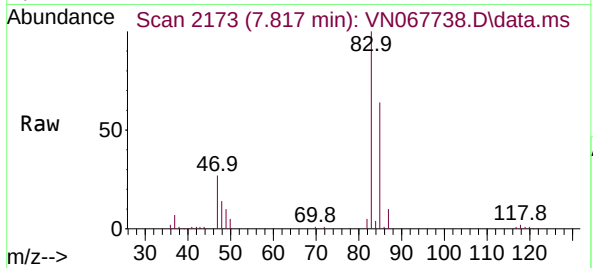
Tgt Ion: 73 Resp: 257968  
Ion Ratio Lower Upper  
73 100  
43 22.9 18.6 27.8





#25  
Chloroform  
Concen: 19.247 ug/l  
RT: 7.817 min Scan# 2173  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

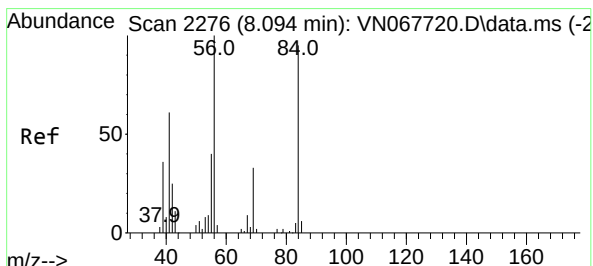
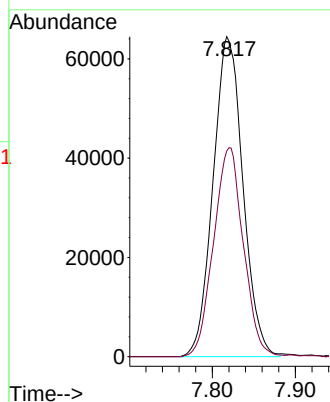
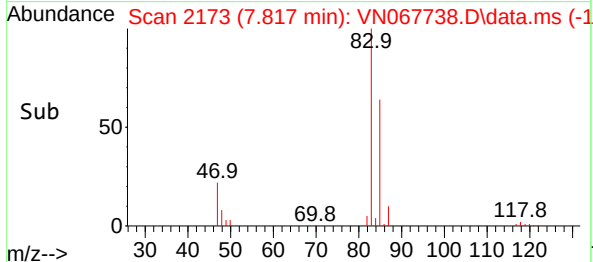
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02



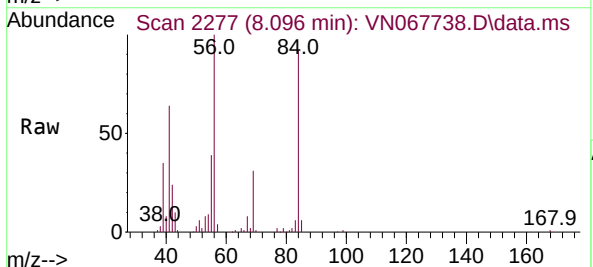
Tgt Ion: 83 Resp: 161006  
Ion Ratio Lower Upper  
83 100  
85 64.3 52.3 78.5

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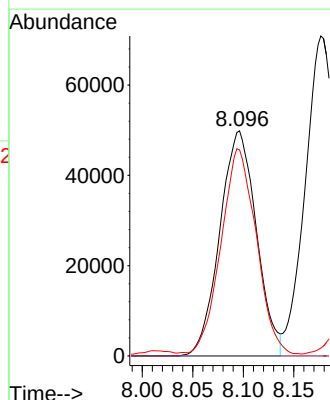
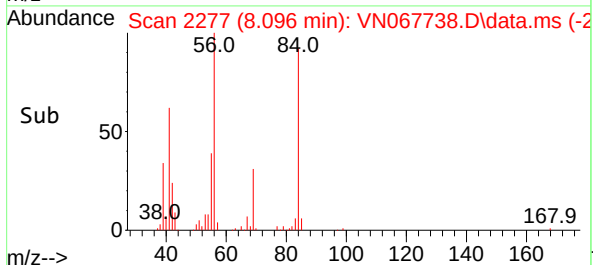
MMDadoda  
7/16/2021 10:43:14 AM



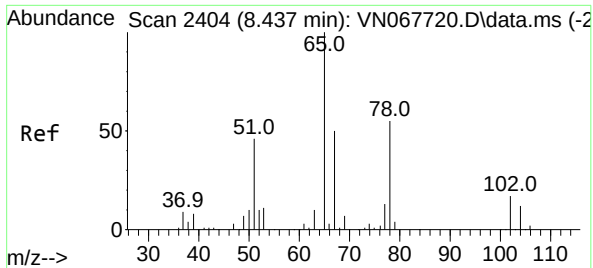
#26  
Cyclohexane  
Concen: 19.175 ug/l  
RT: 8.096 min Scan# 2277  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



Tgt Ion: 56 Resp: 125603  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 89.8 71.4 107.0







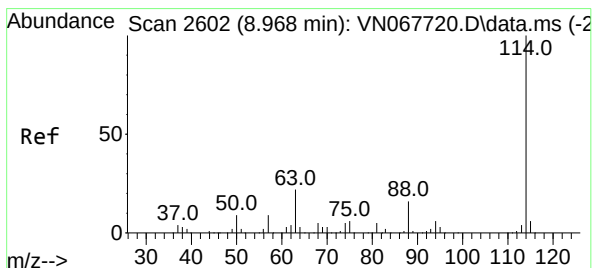
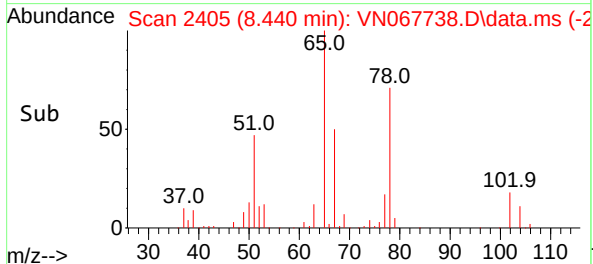
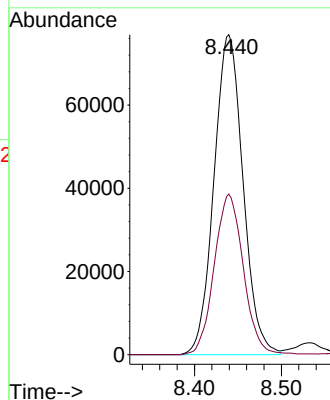
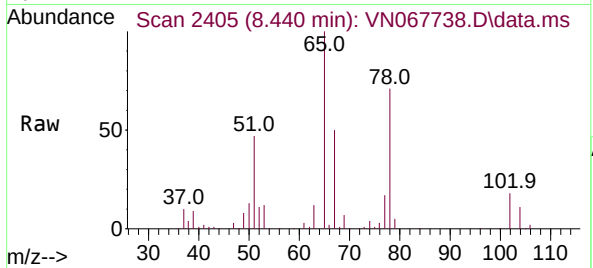
#27  
1,2-Dichloroethane-d4  
Concen: 32.718 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion: 65 Resp: 178720  
Ion Ratio Lower Upper  
65 100  
67 50.2 40.6 60.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02

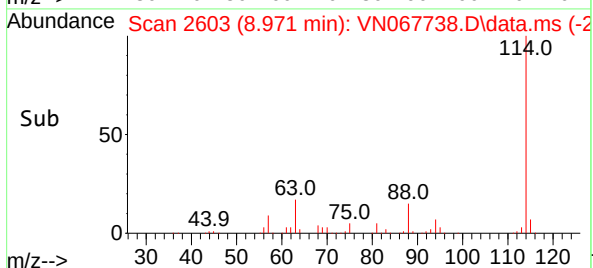
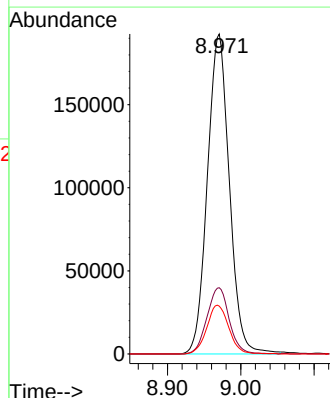
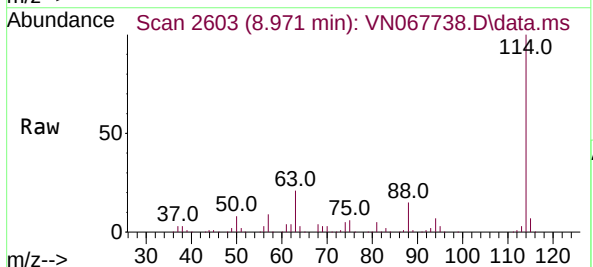
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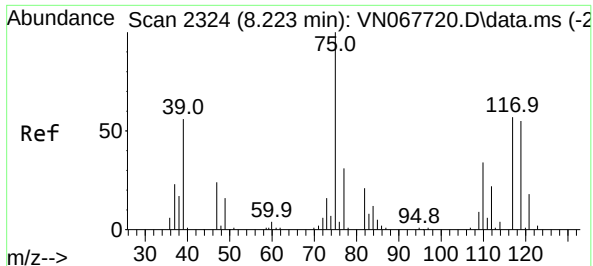
MMDadoda  
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#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion: 114 Resp: 401120  
Ion Ratio Lower Upper  
114 100  
63 20.9 17.2 25.8  
88 15.2 12.4 18.6





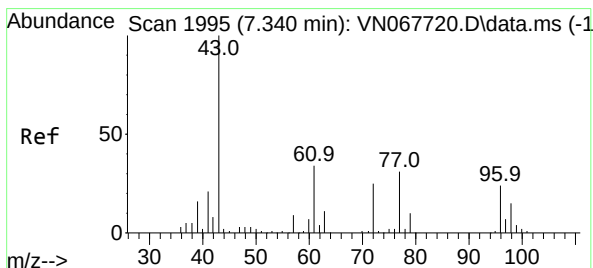
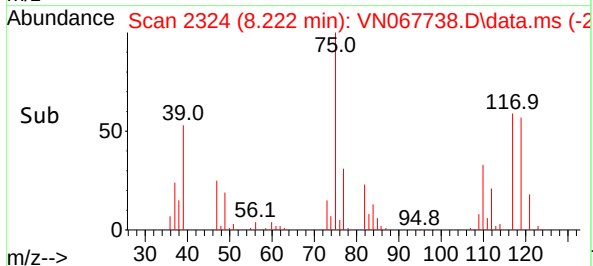
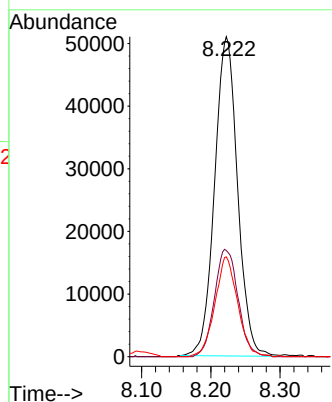
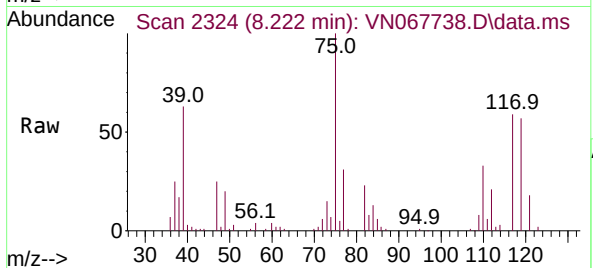
#29  
1,1-Dichloropropene  
Concen: 18.636 ug/l  
RT: 8.222 min Scan# 2324  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion: 75 Resp: 117288  
Ion Ratio Lower Upper  
75 100  
110 34.6 0.0 69.2  
77 31.1 0.0 60.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02

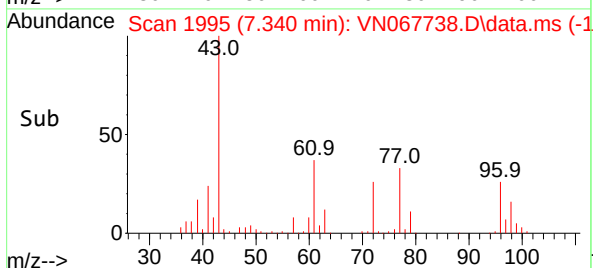
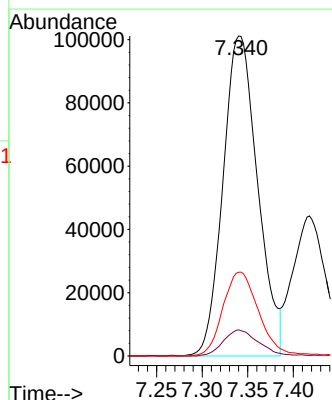
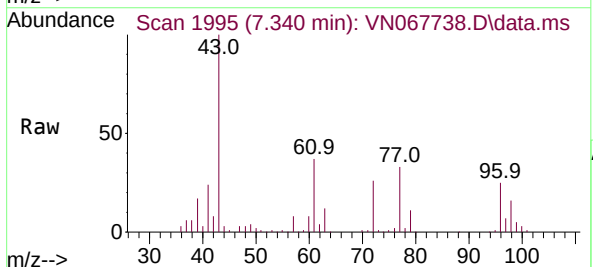
Manual Integrations  
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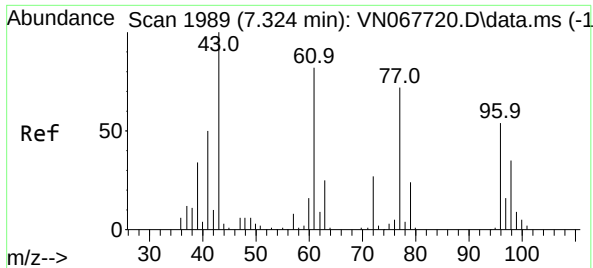
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#30  
2-Butanone  
Concen: 91.747 ug/l  
RT: 7.340 min Scan# 1995  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion: 43 Resp: 267392  
Ion Ratio Lower Upper  
43 100  
57 8.2 6.6 9.8  
72 27.0 21.8 32.6





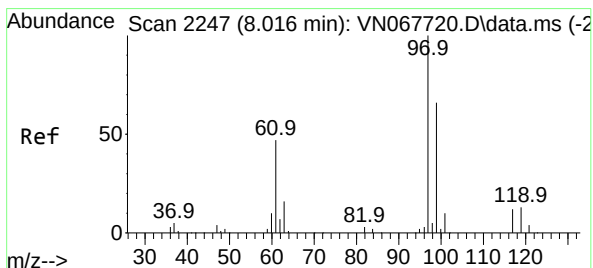
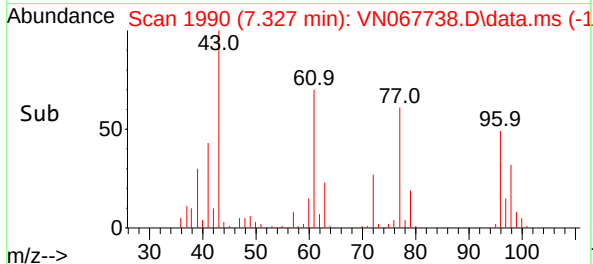
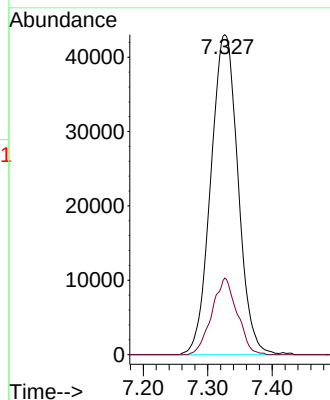
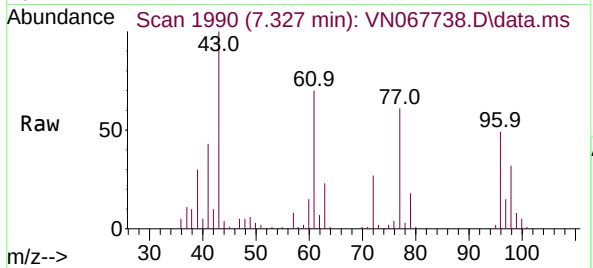
#31  
2,2-Dichloropropane  
Concen: 18.003 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion: 77 Resp: 126404  
Ion Ratio Lower Upper  
77 100  
97 22.2 17.8 26.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02

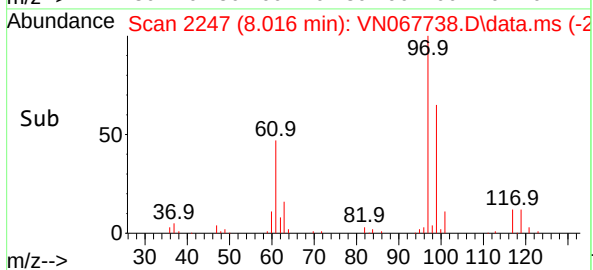
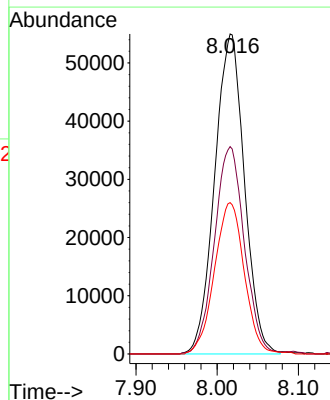
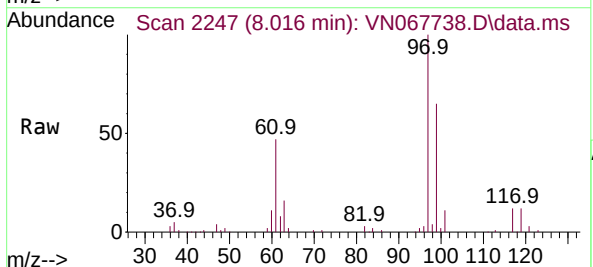
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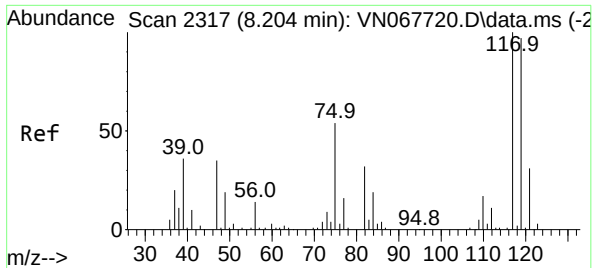
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#32  
1,1,1-Trichloroethane  
Concen: 18.079 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

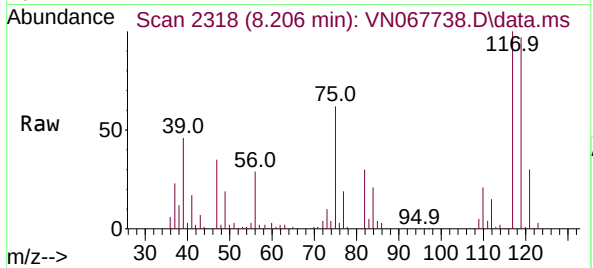
Tgt Ion: 97 Resp: 139725  
Ion Ratio Lower Upper  
97 100  
99 65.2 51.6 77.4  
61 47.4 37.6 56.4





#33  
Carbon Tetrachloride  
Concen: 17.850 ug/l  
RT: 8.206 min Scan# 2318  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

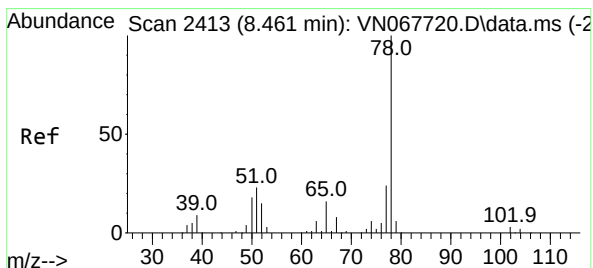
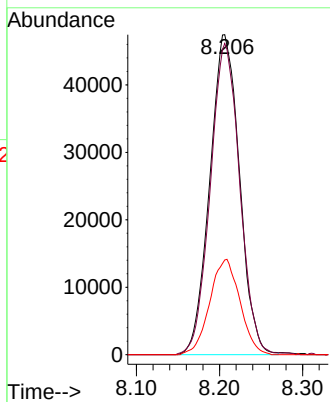
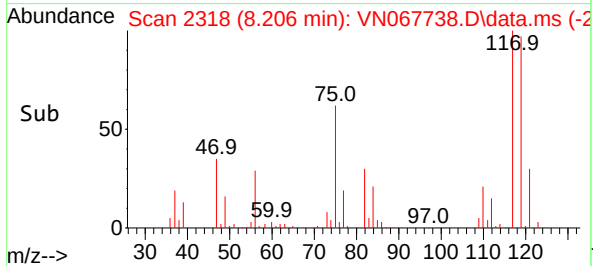
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02



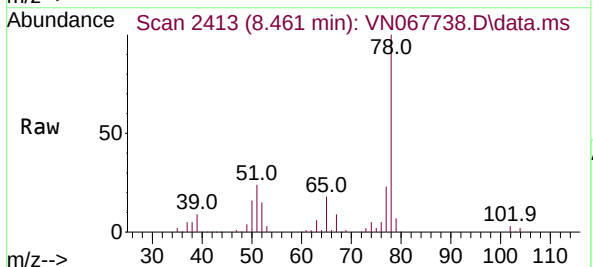
Tgt Ion:117 Resp: 117789  
Ion Ratio Lower Upper  
117 100  
119 96.9 77.6 116.4  
121 29.6 24.6 36.8

Manual Integrations  
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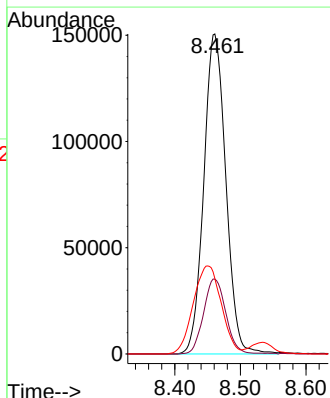
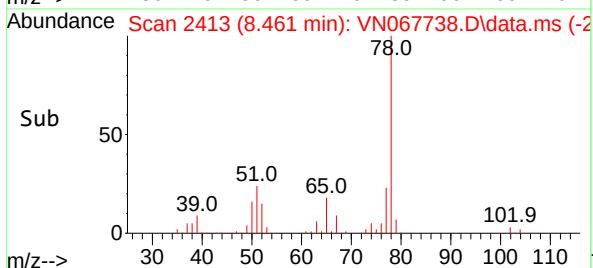
MMDadoda  
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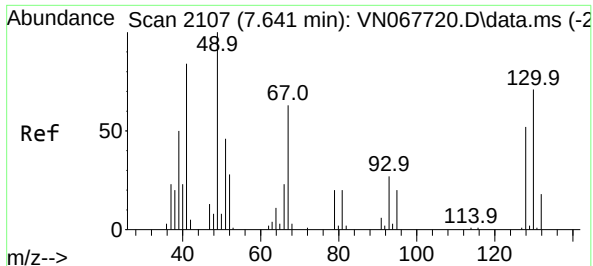


#34  
Benzene  
Concen: 18.716 ug/l  
RT: 8.461 min Scan# 2413  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



Tgt Ion: 78 Resp: 352096  
Ion Ratio Lower Upper  
78 100  
77 23.4 19.1 28.7  
51 22.7 18.2 27.4





#35

Methacrylonitrile

Concen: 17.552 ug/l

RT: 7.643 min Scan# 2108

Delta R.T. 0.002 min

Lab File: VN067738.D

Acq: 14 Jul 2021 12:42

Tgt Ion: 41 Resp: 52583

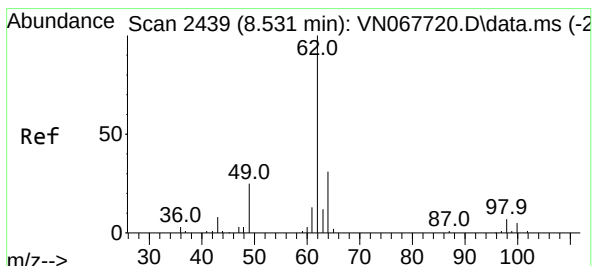
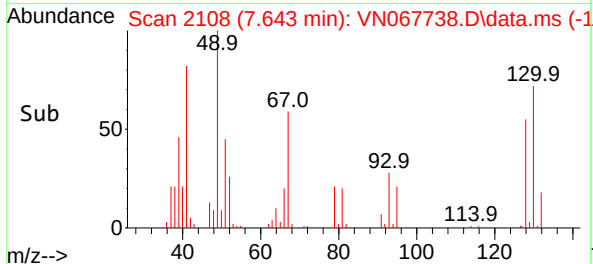
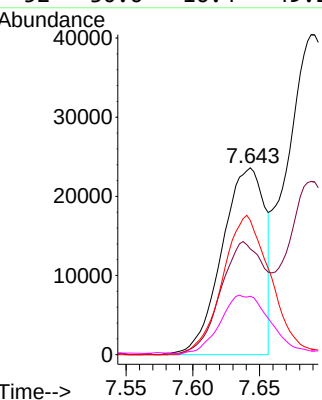
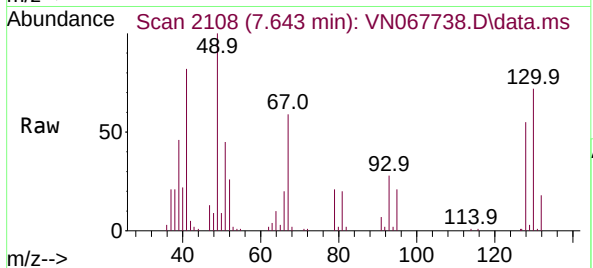
Ion Ratio Lower Upper

41 100

39 55.7 29.6 88.9

67 71.9 37.4 112.2

52 30.6 16.4 49.2



#36

1,2-Dichloroethane

Concen: 19.108 ug/l

RT: 8.531 min Scan# 2439

Delta R.T. -0.000 min

Lab File: VN067738.D

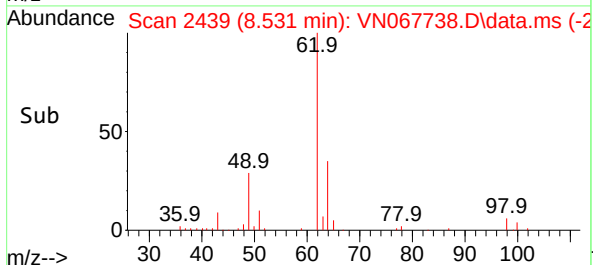
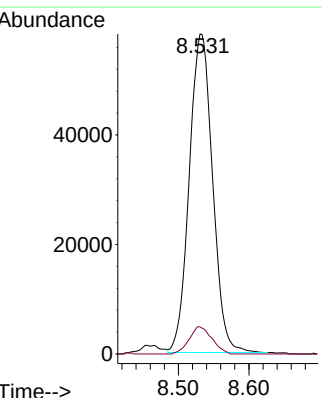
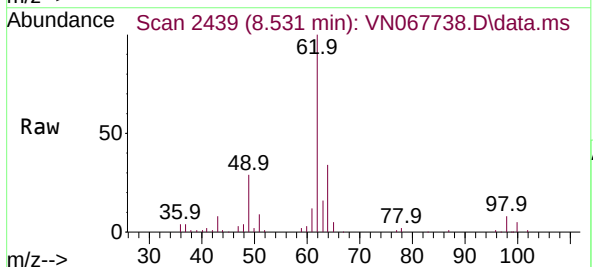
Acq: 14 Jul 2021 12:42

Tgt Ion: 62 Resp: 133813

Ion Ratio Lower Upper

62 100

98 8.4 6.2 9.2



Instrument :

MSVOA\_N

ClientSampleId :

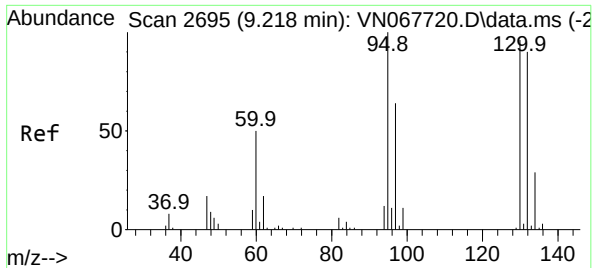
VN0714WBS02

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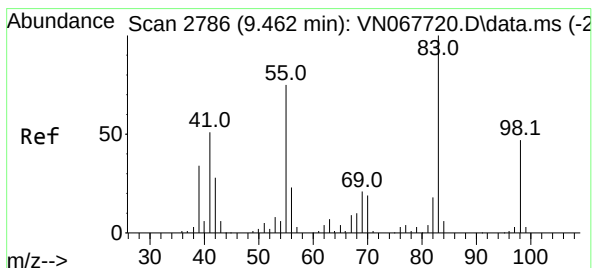
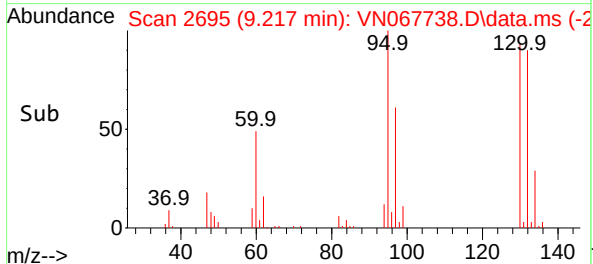
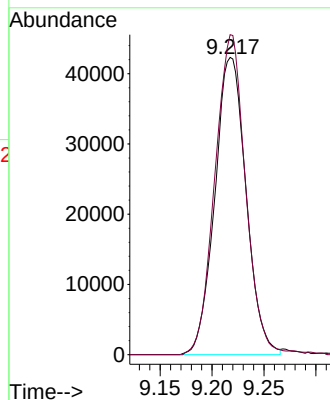
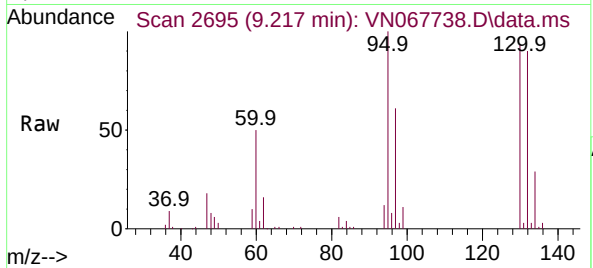
#37  
Trichloroethene  
Concen: 18.140 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion:130 Resp: 88656  
Ion Ratio Lower Upper  
130 100  
95 107.6 83.2 124.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02

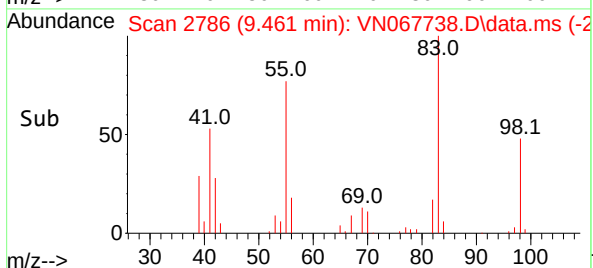
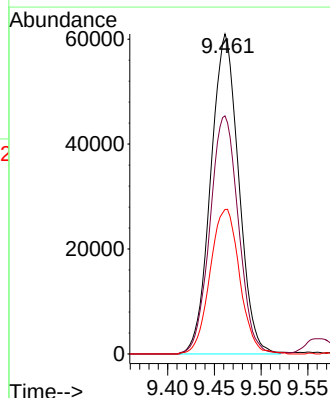
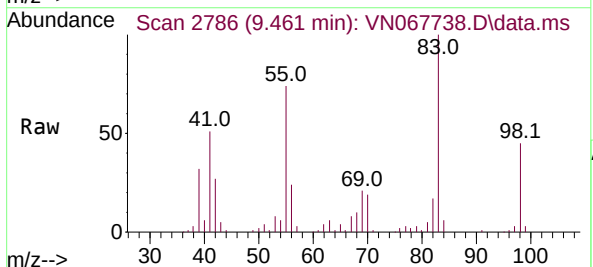
Manual Integrations  
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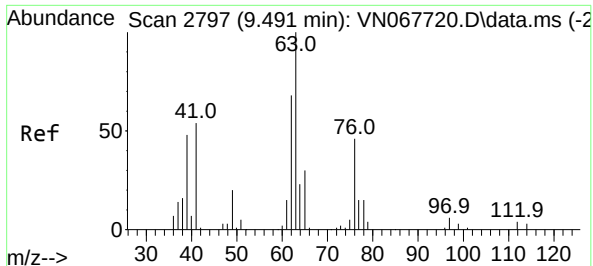
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#38  
Methylcyclohexane  
Concen: 18.197 ug/l  
RT: 9.461 min Scan# 2786  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion: 83 Resp: 126845  
Ion Ratio Lower Upper  
83 100  
55 75.9 37.4 112.2  
98 47.9 23.5 70.6





#39

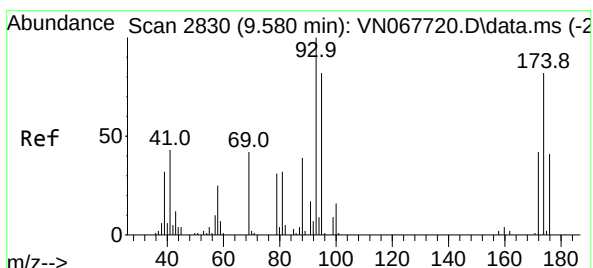
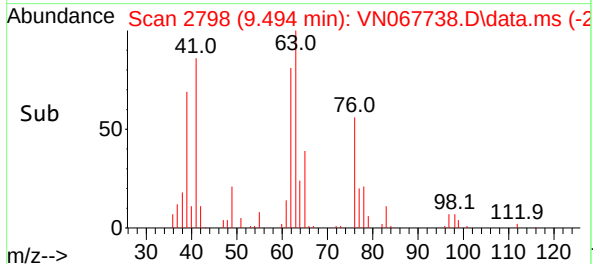
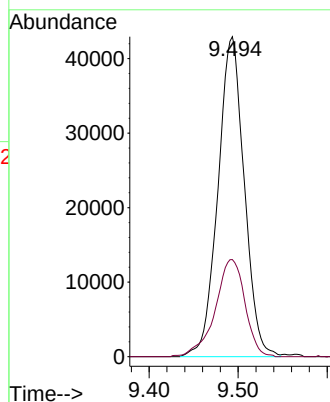
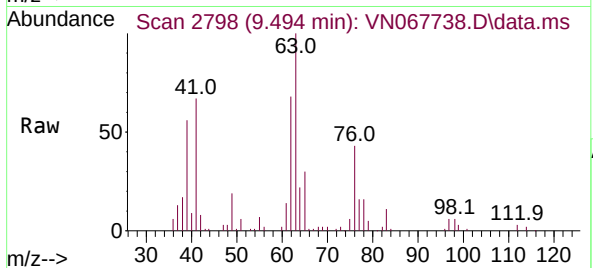
1,2-Dichloropropane  
Concen: 18.400 ug/l  
RT: 9.494 min Scan# 2798  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02

Tgt Ion: 63 Resp: 88274  
Ion Ratio Lower Upper  
63 100  
65 30.4 24.3 36.5

Manual Integrations  
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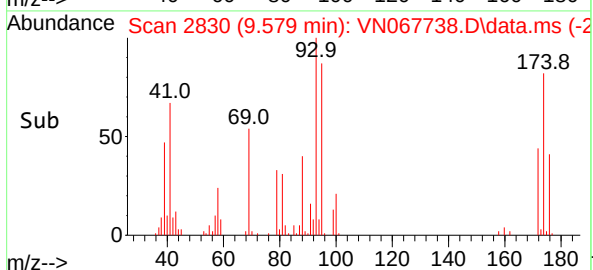
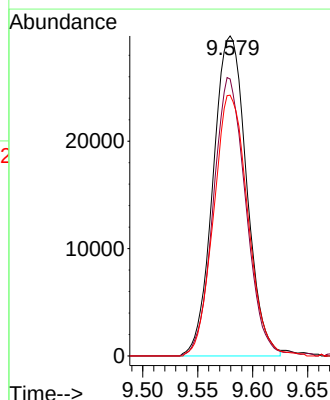
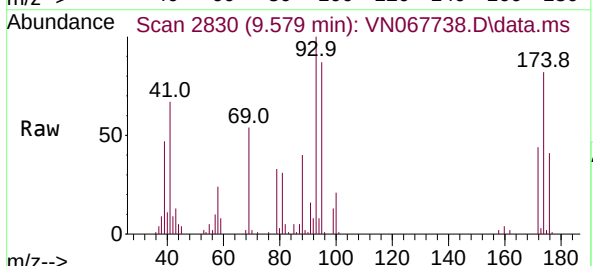
MMDadoda  
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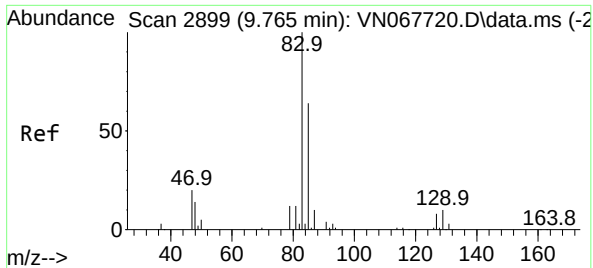


#40

Dibromomethane  
Concen: 18.279 ug/l  
RT: 9.579 min Scan# 2830  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

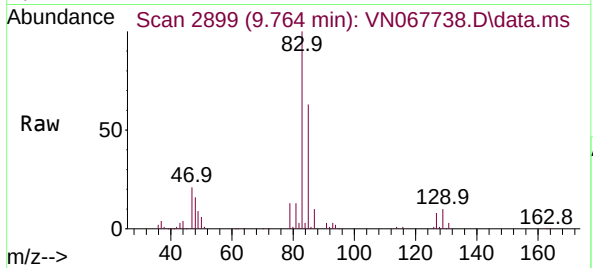
Tgt Ion: 93 Resp: 63060  
Ion Ratio Lower Upper  
93 100  
95 84.0 0.0 165.4  
174 83.0 0.0 163.0





#41  
Bromodichloromethane  
Concen: 18.194 ug/l  
RT: 9.764 min Scan# 2899  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

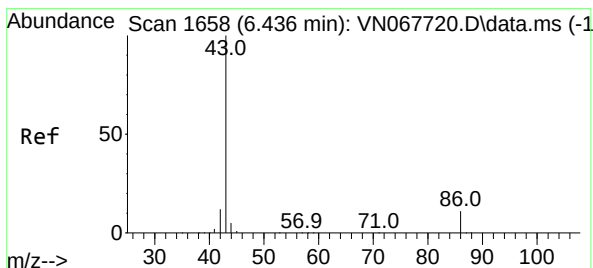
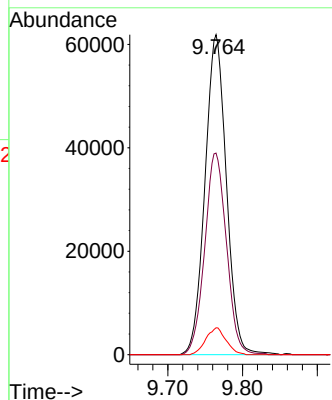
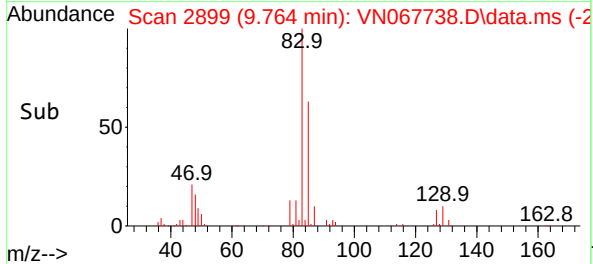
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02



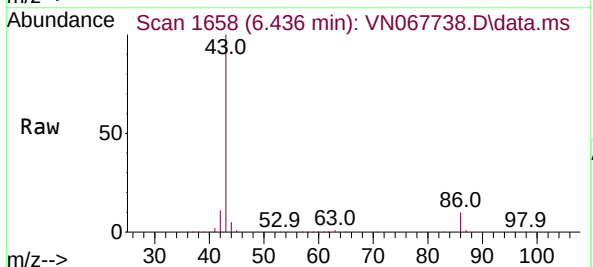
Tgt Ion: 83 Resp: 123212  
Ion Ratio Lower Upper  
83 100  
85 63.0 51.3 76.9  
127 8.4 6.6 10.0

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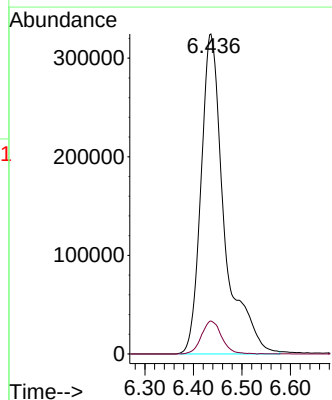
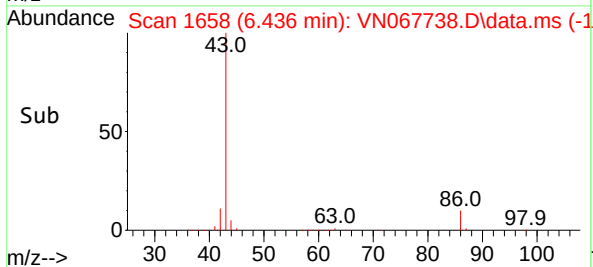
MMDadoda  
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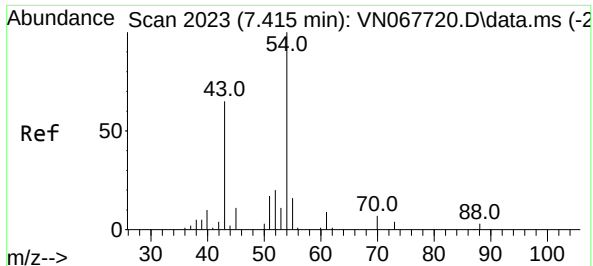
#42  
Vinyl Acetate  
Concen: 93.526 ug/l m  
RT: 6.436 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



Tgt Ion: 43 Resp: 1084388  
Ion Ratio Lower Upper  
43 100  
86 8.9 8.2 12.2







#43

Ethyl Acetate

Concen: 18.962 ug/l

RT: 7.418 min Scan# 2024

Delta R.T. 0.002 min

Lab File: VN067738.D

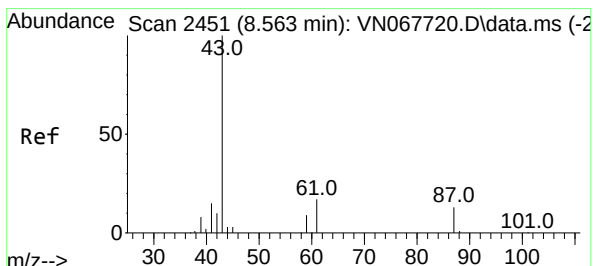
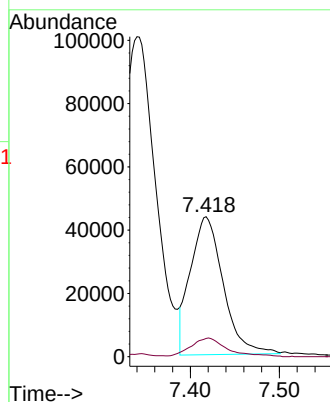
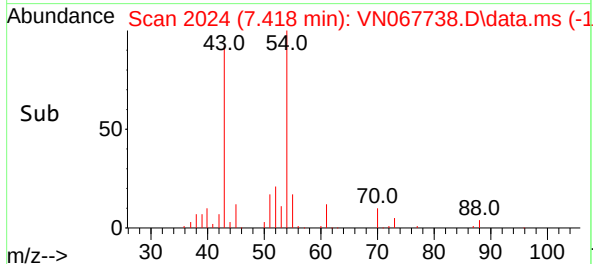
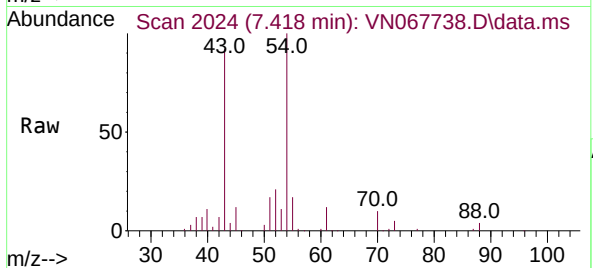
Acq: 14 Jul 2021 12:42

Tgt Ion: 43 Resp: 111728

Ion Ratio Lower Upper

43 100

45 14.9 10.5 15.7



#44

Isopropyl Acetate

Concen: 18.135 ug/l

RT: 8.566 min Scan# 2452

Delta R.T. 0.002 min

Lab File: VN067738.D

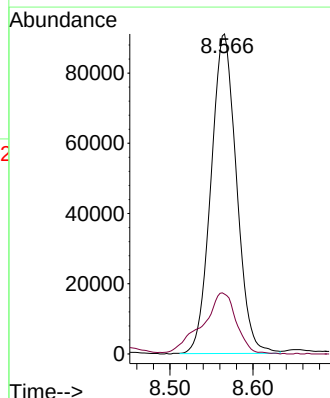
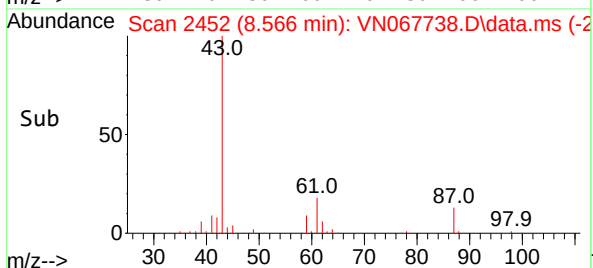
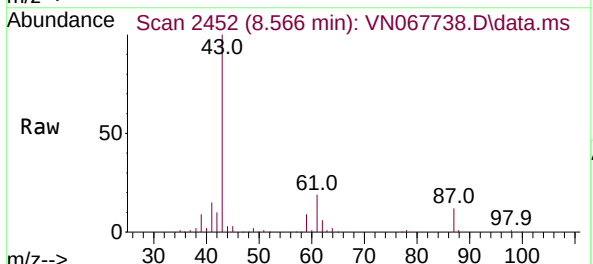
Acq: 14 Jul 2021 12:42

Tgt Ion: 43 Resp: 194012

Ion Ratio Lower Upper

43 100

61 24.4 20.4 30.6



Instrument :

MSVOA\_N

ClientSampleId :

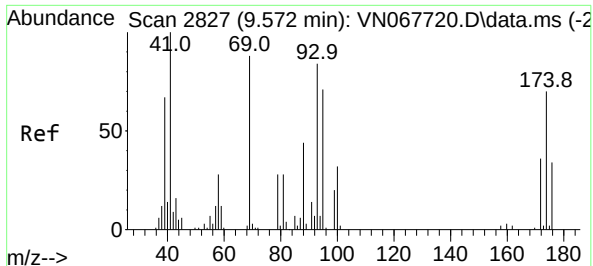
VN0714WBS02

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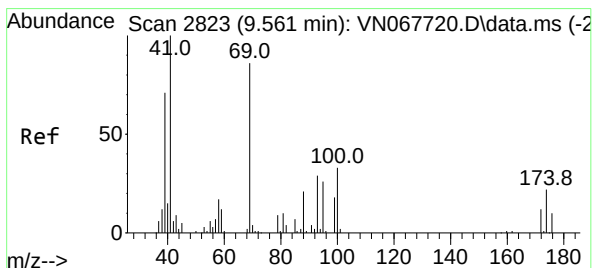
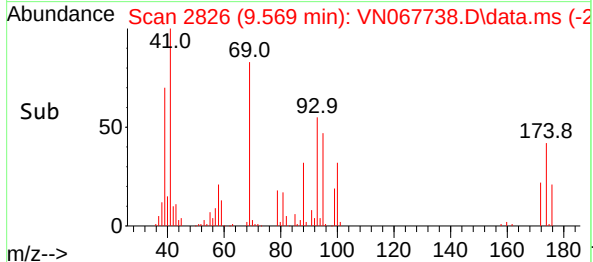
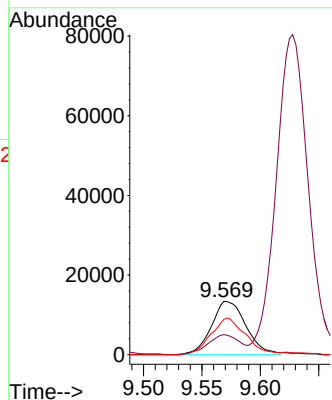
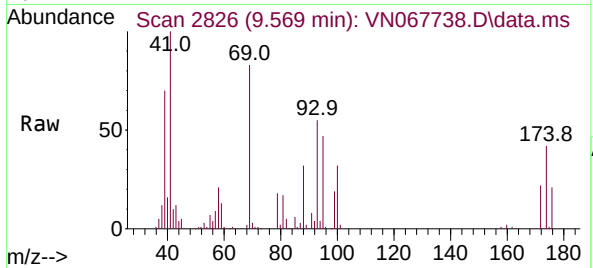
#45  
1,4-Dioxane  
Concen: 341.333 ug/l  
RT: 9.569 min Scan# 2826  
Delta R.T. -0.003 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion: 88 Resp: 27653  
Ion Ratio Lower Upper  
88 100  
43 33.8 26.9 40.3  
58 66.5 52.2 78.4

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0714WBS02

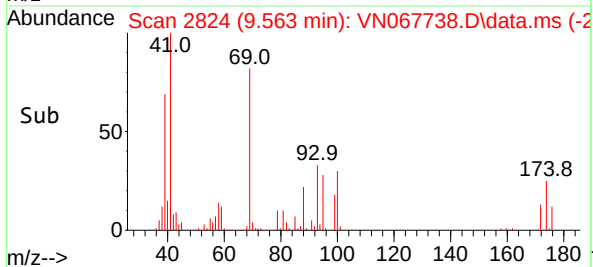
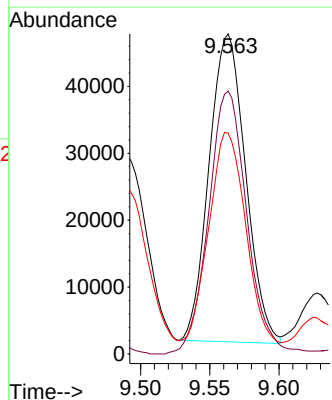
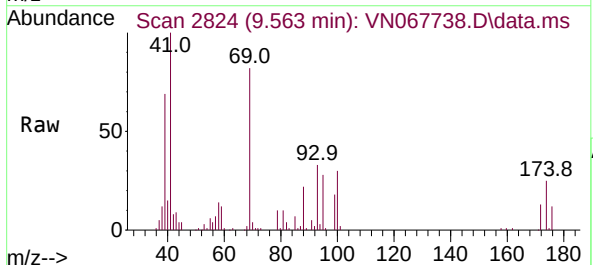
Manual Integrations  
APPROVED

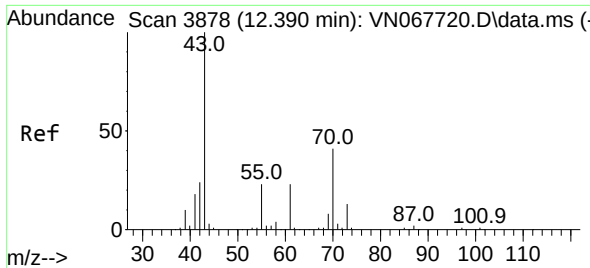
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#46  
Methyl methacrylate  
Concen: 18.261 ug/l  
RT: 9.563 min Scan# 2824  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion: 41 Resp: 84335  
Ion Ratio Lower Upper  
41 100  
69 84.0 43.0 128.8  
39 68.3 35.5 106.7





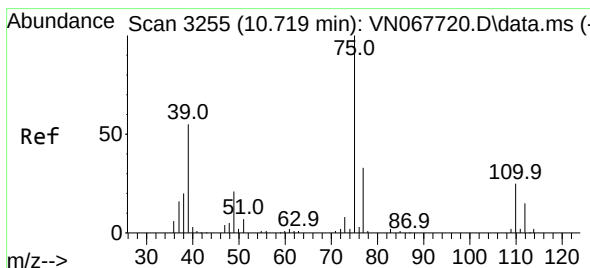
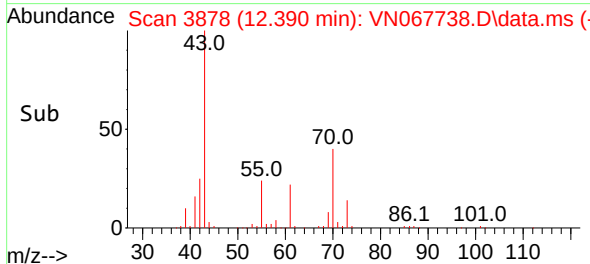
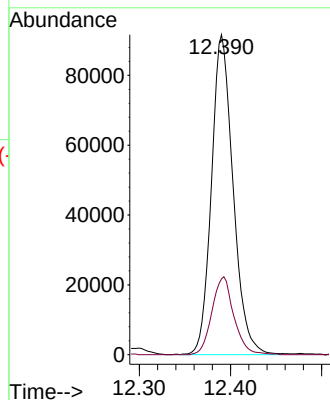
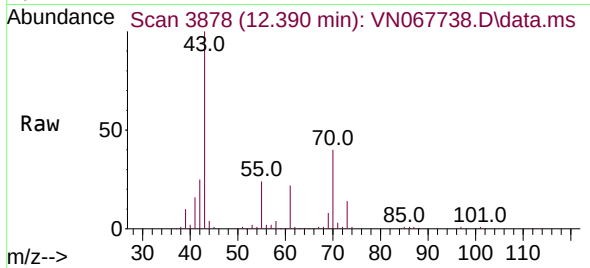
#47  
n-amy1 Acetate  
Concen: 17.210 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion: 43 Resp: 151139  
Ion Ratio Lower Upper  
43 100  
55 24.6 19.0 28.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02

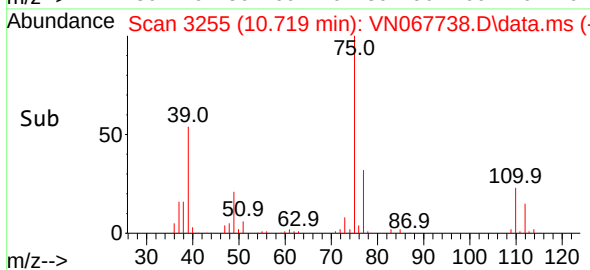
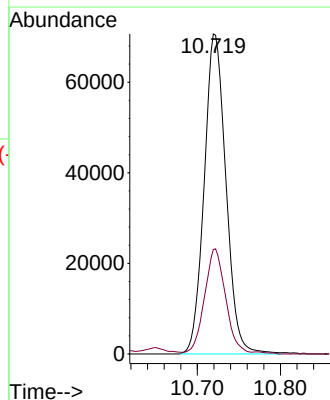
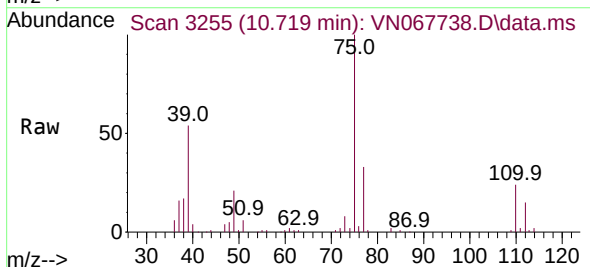
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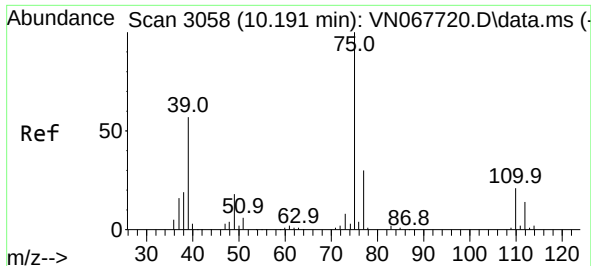
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#48  
t-1,3-Dichloropropene  
Concen: 17.599 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion: 75 Resp: 128437  
Ion Ratio Lower Upper  
75 100  
77 32.6 27.0 40.4





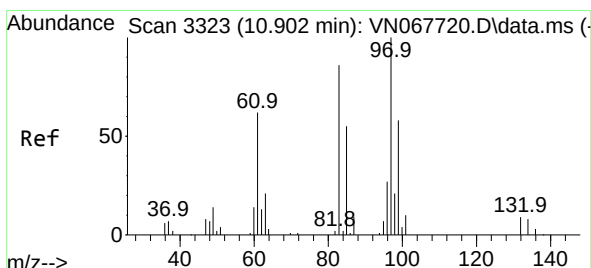
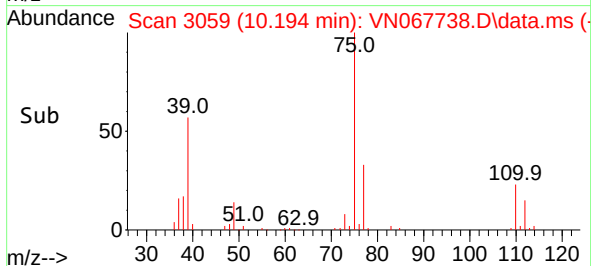
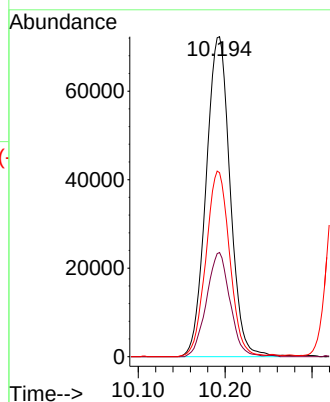
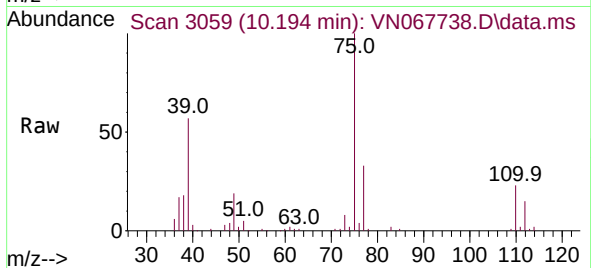
#49  
 cis-1,3-Dichloropropene  
 Concen: 17.888 ug/l  
 RT: 10.194 min Scan# 3059  
 Delta R.T. 0.002 min  
 Lab File: VN067738.D  
 Acq: 14 Jul 2021 12:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 138569 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 32.6  | 23.8  | 35.6   |
| 39       | 57.2  | 45.3  | 67.9   |

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0714WBS02

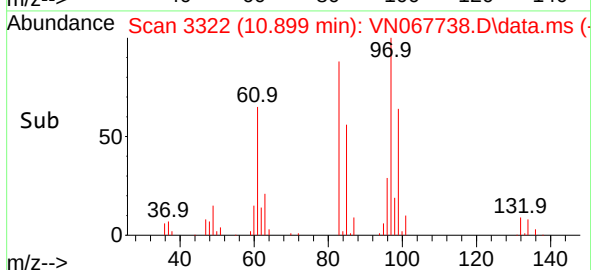
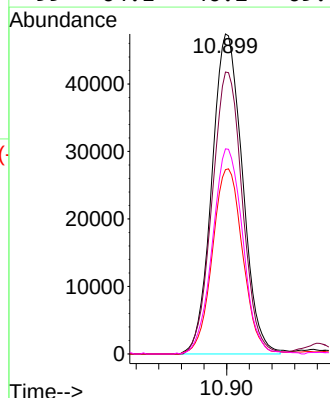
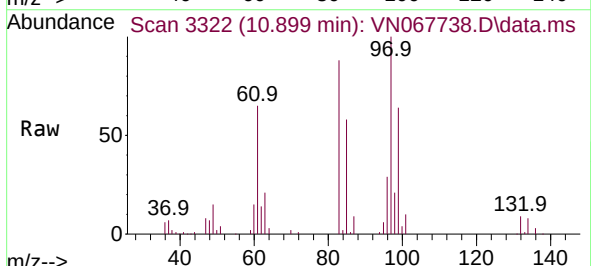
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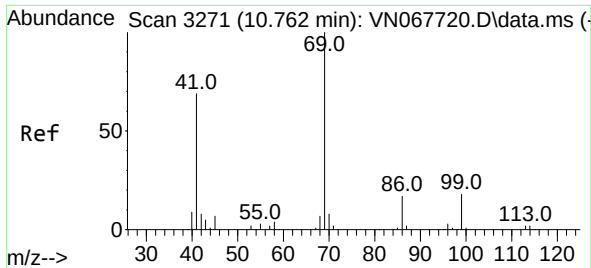
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#50  
 1,1,2-Trichloroethane  
 Concen: 18.014 ug/l  
 RT: 10.899 min Scan# 3322  
 Delta R.T. -0.003 min  
 Lab File: VN067738.D  
 Acq: 14 Jul 2021 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 88684 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.1  | 69.0  | 103.4 |
| 85       | 57.6  | 43.8  | 65.8  |
| 99       | 64.1  | 46.2  | 69.4  |





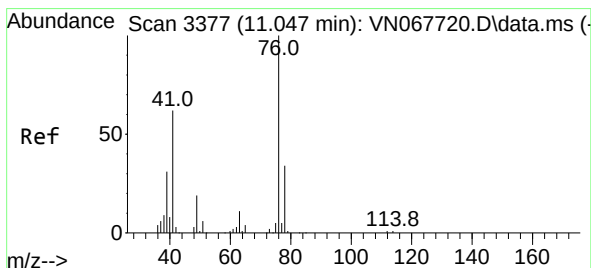
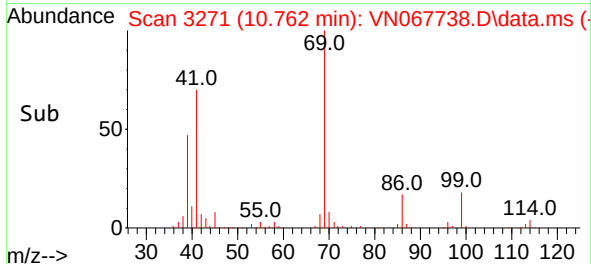
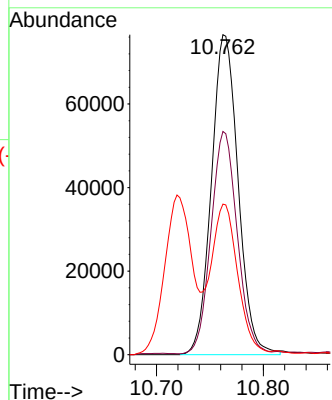
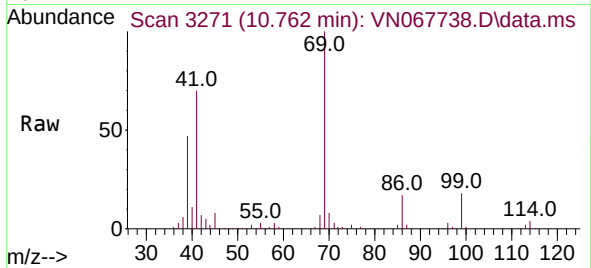
#51  
Ethyl methacrylate  
Concen: 17.415 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion: 69 Resp: 133322  
Ion Ratio Lower Upper  
69 100  
41 69.5 34.3 102.9  
39 46.0 23.7 71.1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02

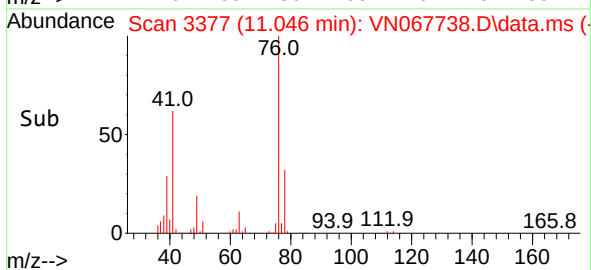
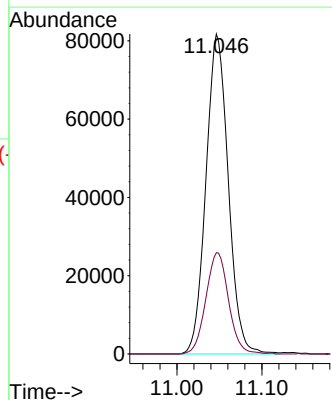
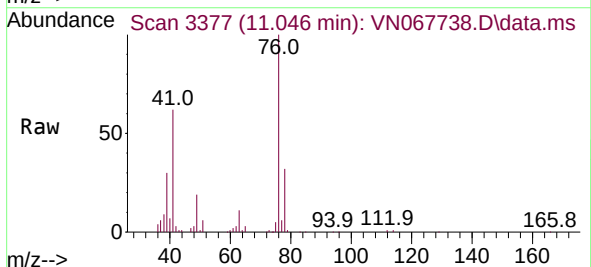
Manual Integrations  
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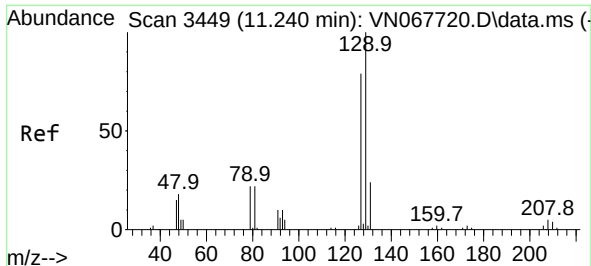
MMDadoda  
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#52  
1,3-Dichloropropane  
Concen: 18.354 ug/l  
RT: 11.046 min Scan# 3377  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

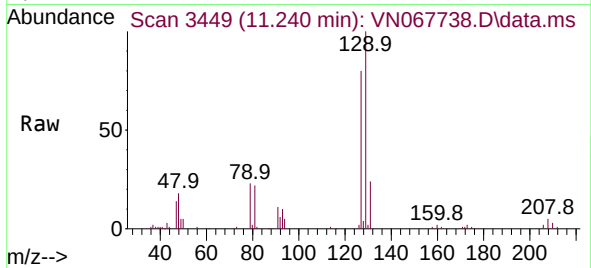
Tgt Ion: 76 Resp: 149409  
Ion Ratio Lower Upper  
76 100  
78 32.1 0.0 67.0





#53  
Dibromochloromethane  
Concen: 17.026 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

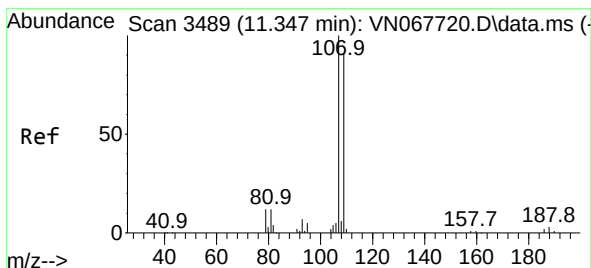
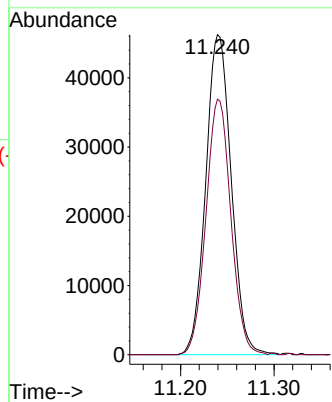
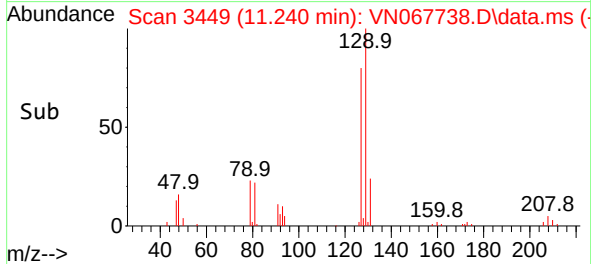
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02



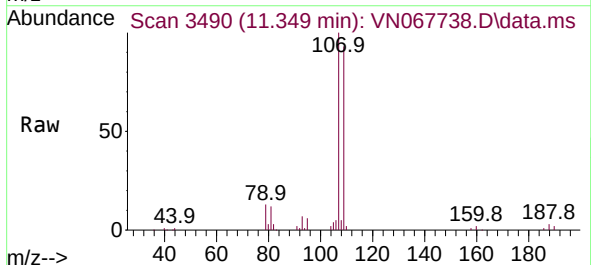
Tgt Ion:129 Resp: 87742  
Ion Ratio Lower Upper  
129 100  
127 78.0 39.6 118.8

Manual Integrations  
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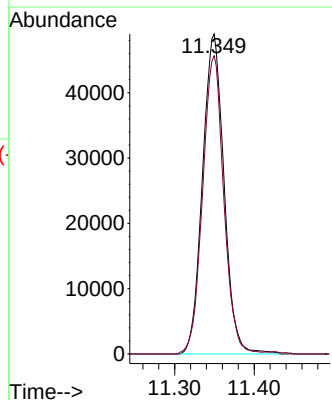
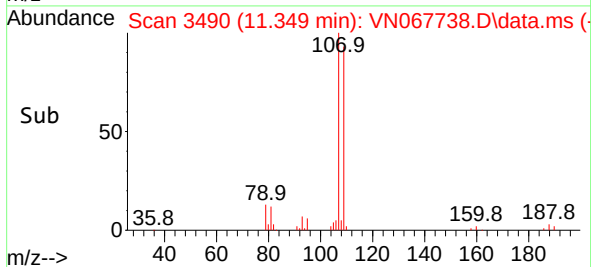
MMDadoda  
7/16/2021 10:43:14 AM

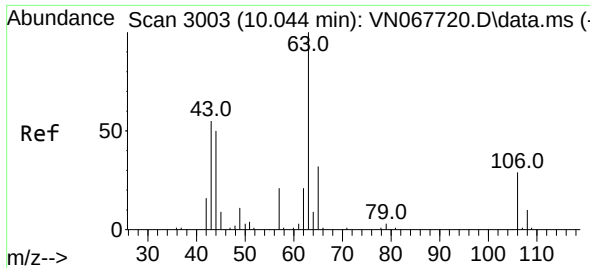


#54  
1,2-Dibromoethane  
Concen: 18.144 ug/l  
RT: 11.349 min Scan# 3490  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

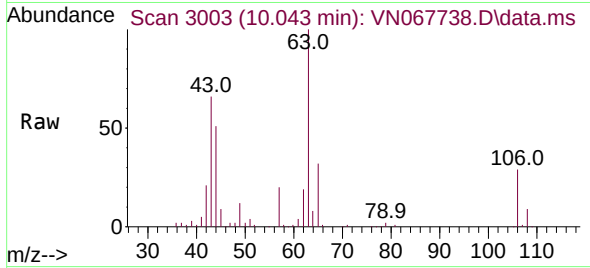


Tgt Ion:107 Resp: 92138  
Ion Ratio Lower Upper  
107 100  
109 91.6 74.6 111.8

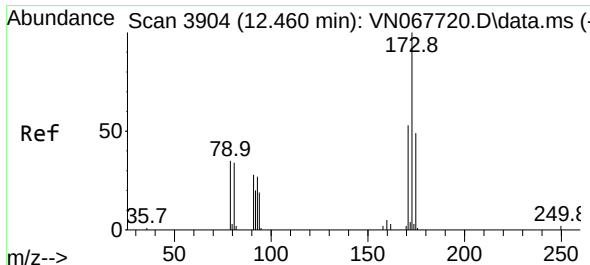
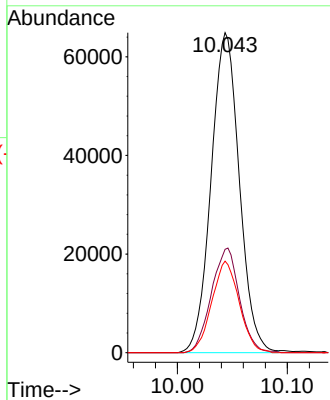
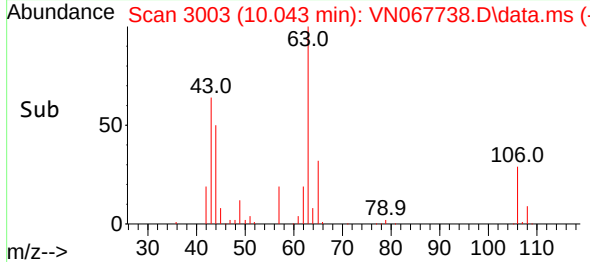




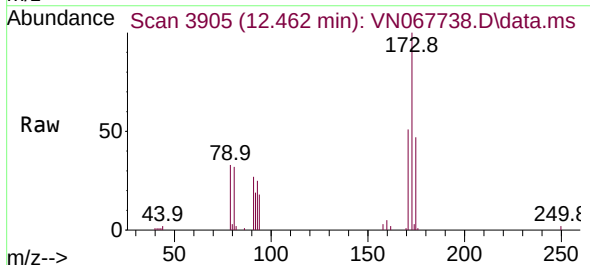
#55  
2-Chloroethyl vinyl ether  
Concen: 78.122 ug/l  
RT: 10.043 min Scan# 3003  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



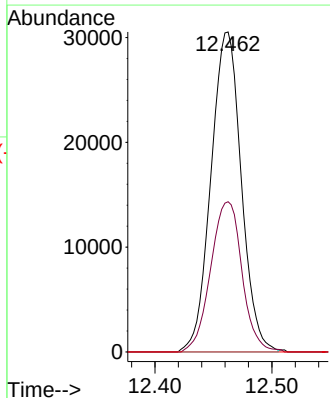
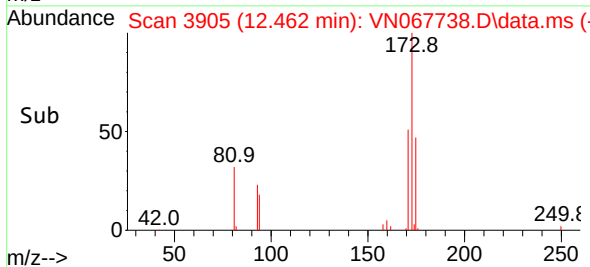
Tgt Ion: 63 Resp: 115675  
Ion Ratio Lower Upper  
63 100  
65 32.5 25.5 38.3  
106 27.8 22.1 33.1



#56  
Bromoform  
Concen: 15.245 ug/l  
RT: 12.462 min Scan# 3905  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



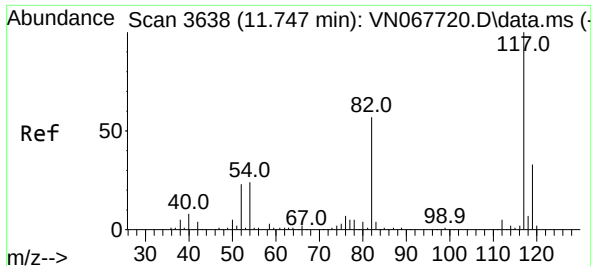
Tgt Ion: 173 Resp: 55044  
Ion Ratio Lower Upper  
173 100  
175 48.6 38.5 57.7  
254 0.0 0.0 0.0



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02

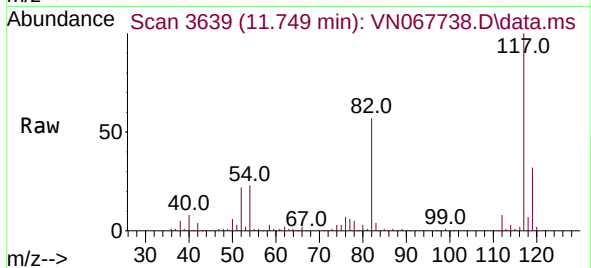
Manual Integrations  
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#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.749 min Scan# 3639  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

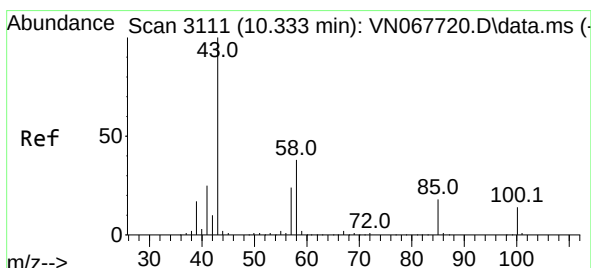
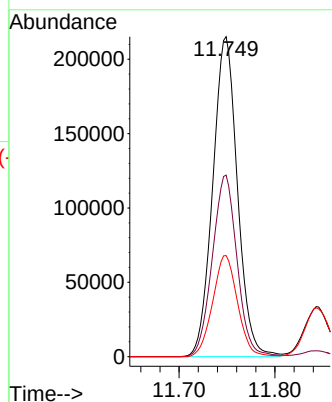
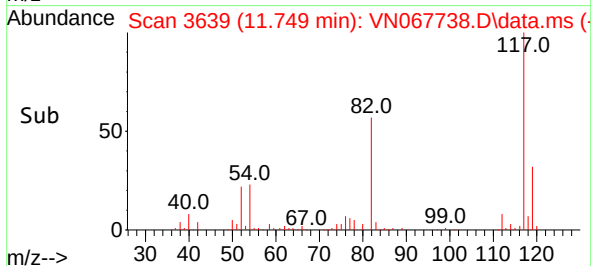
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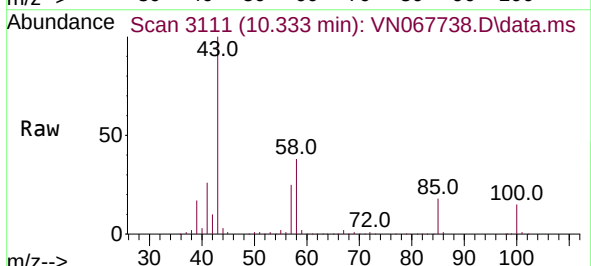
Tgt Ion: 117 Resp: 384931  
Ion Ratio Lower Upper  
117 100  
82 57.0 45.4 68.0  
119 31.9 25.7 38.5

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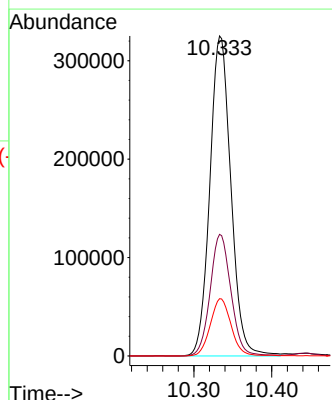
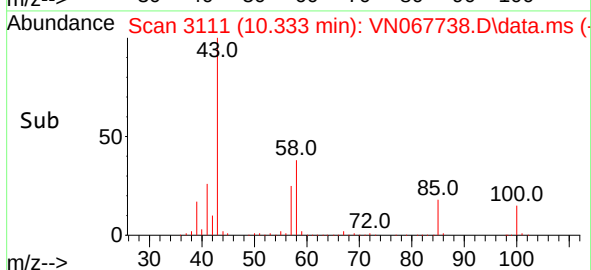
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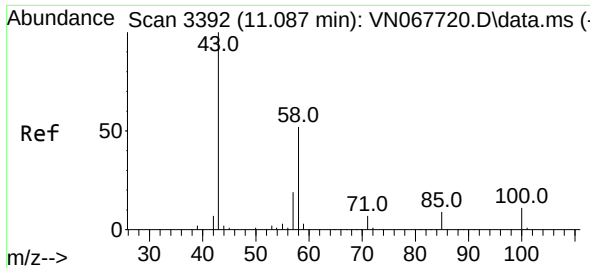
#58  
4-Methyl-2-Pentanone  
Concen: 92.321 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
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Tgt Ion: 43 Resp: 610214  
Ion Ratio Lower Upper  
43 100  
58 37.6 29.9 44.9  
85 17.6 14.1 21.1

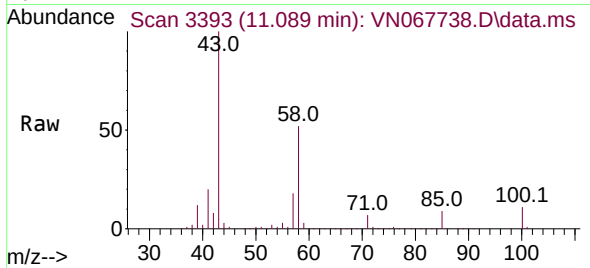






#59  
2-Hexanone  
Concen: 89.908 ug/l  
RT: 11.089 min Scan# 3393  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
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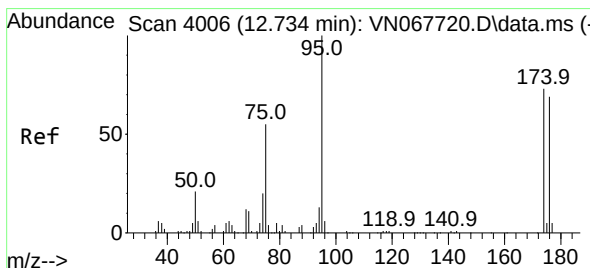
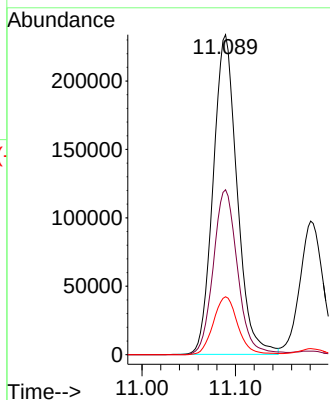
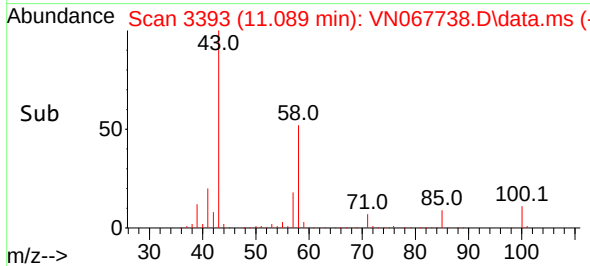
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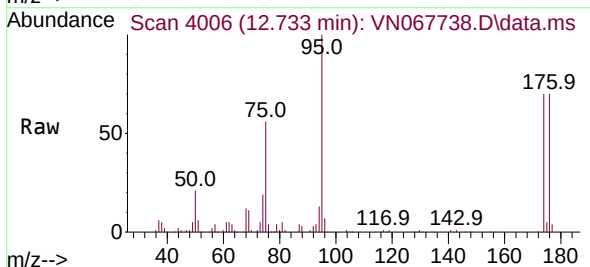
Tgt Ion: 43 Resp: 416663  
Ion Ratio Lower Upper  
43 100  
58 52.5 41.5 62.3  
57 18.6 15.1 22.7

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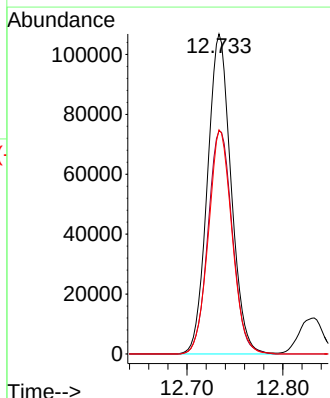
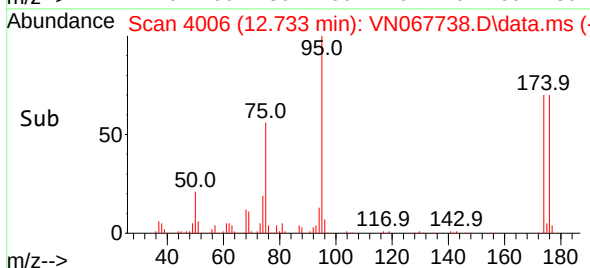
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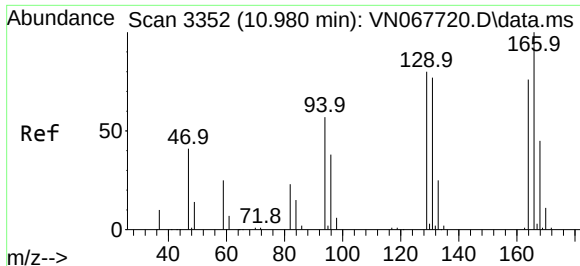


#60  
4-Bromofluorobenzene  
Concen: 29.278 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
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Tgt Ion: 95 Resp: 183028  
Ion Ratio Lower Upper  
95 100  
174 71.8 57.1 85.7  
176 69.9 54.6 81.8





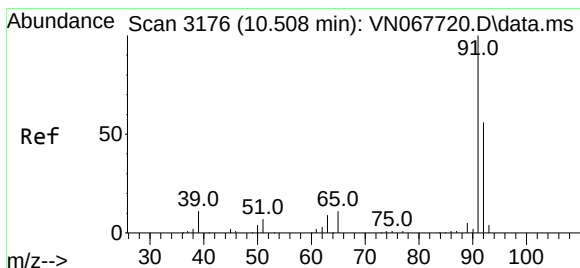
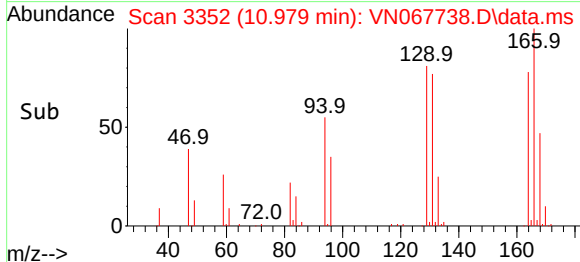
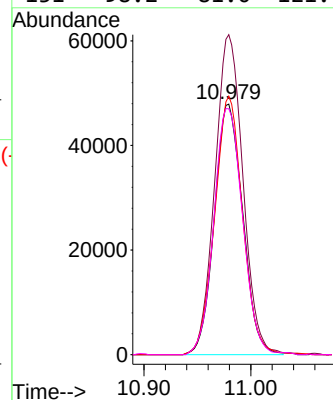
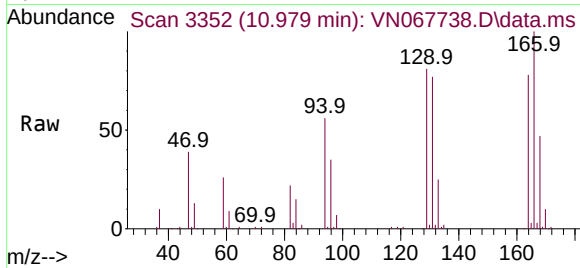
#61  
Tetrachloroethene  
Concen: 18.723 ug/l  
RT: 10.979 min Scan# 3352  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 88530 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 127.7 | 105.5 | 158.3 |
| 129      | 103.2 | 84.5  | 126.7 |
| 131      | 98.2  | 81.0  | 121.4 |

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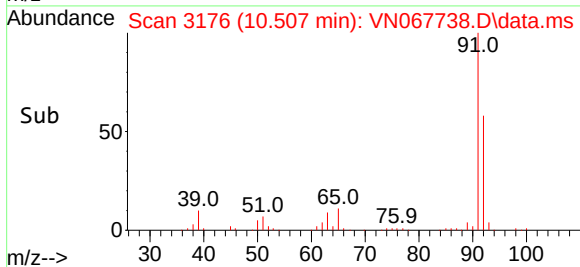
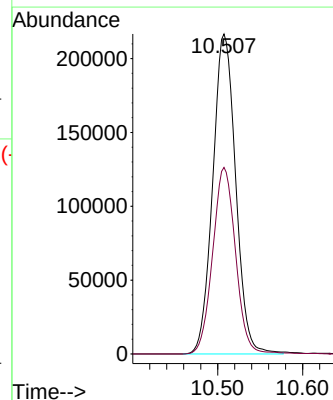
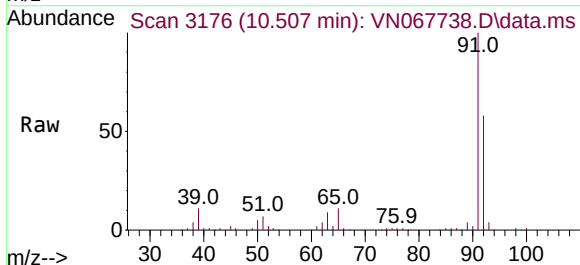
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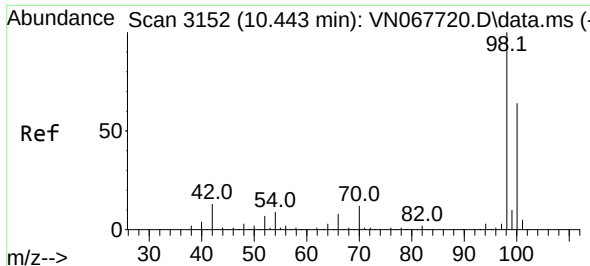
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#62  
Toluene  
Concen: 17.939 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 406150 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 58.2  | 44.8  | 67.2   |





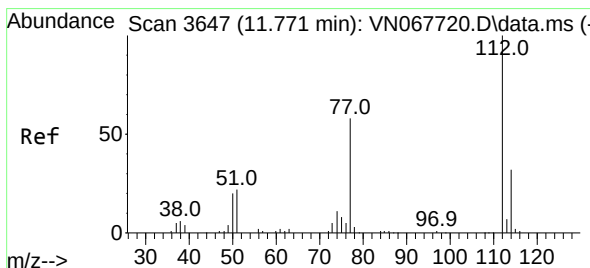
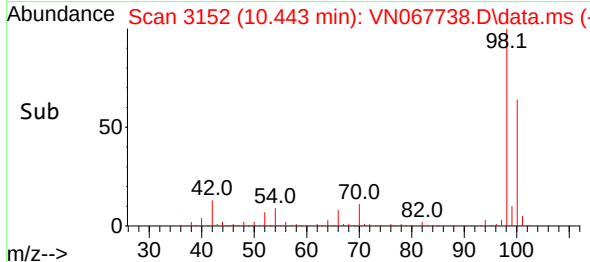
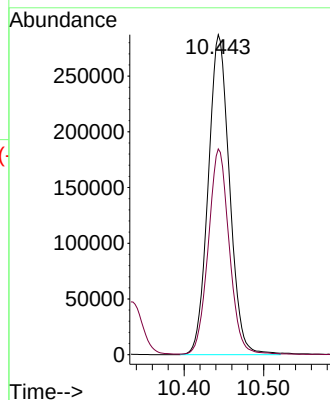
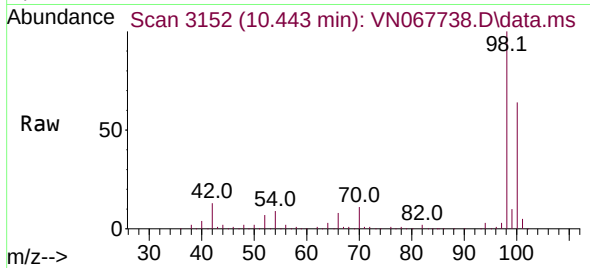
#63  
Toluene-d8  
Concen: 30.238 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion: 98 Resp: 535354  
Ion Ratio Lower Upper  
98 100  
100 62.6 51.0 76.4

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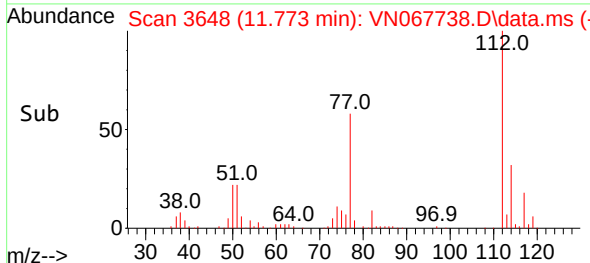
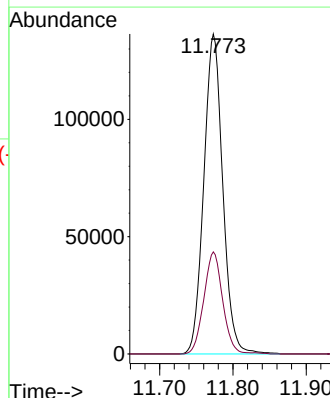
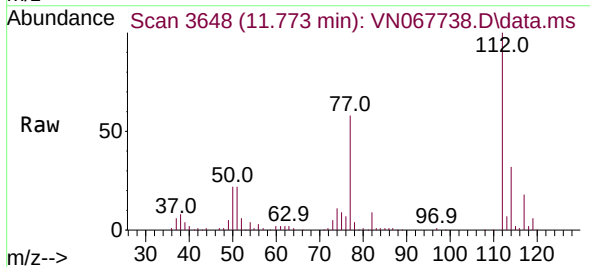
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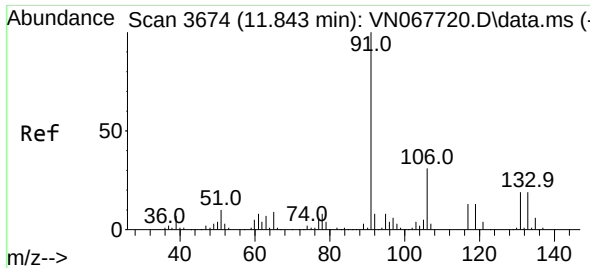
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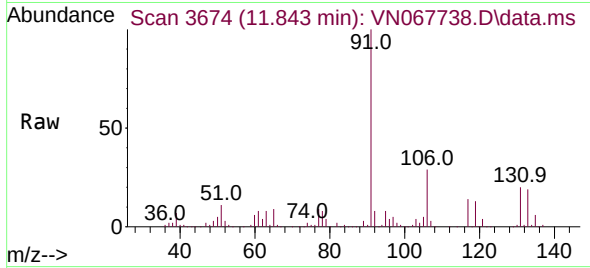
#64  
Chlorobenzene  
Concen: 18.057 ug/l  
RT: 11.773 min Scan# 3648  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion: 112 Resp: 244849  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.2 37.8

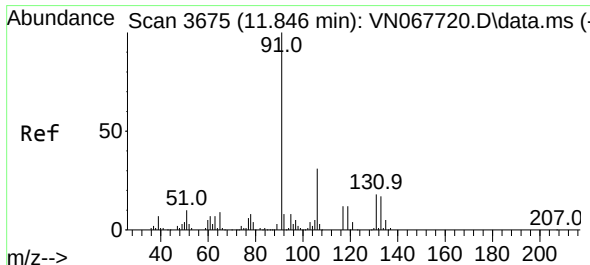
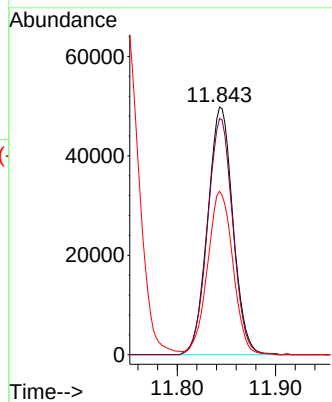
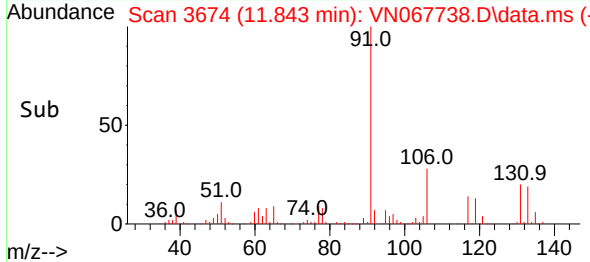




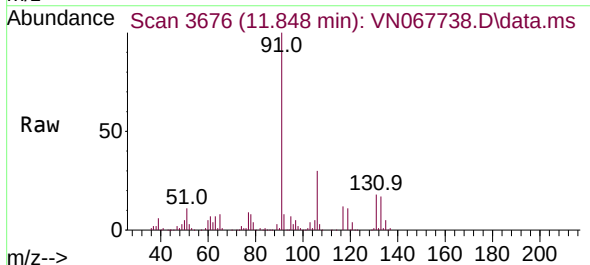
#65  
1,1,1,2-Tetrachloroethane  
Concen: 17.878 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



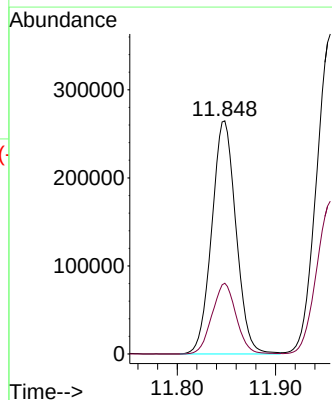
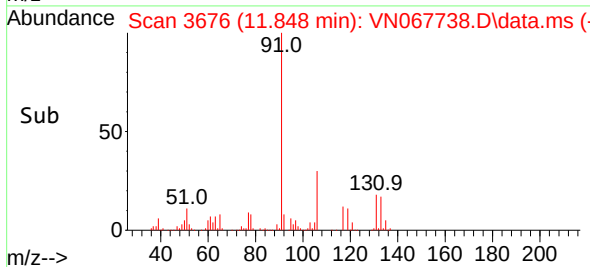
Tgt Ion:131 Resp: 89315  
Ion Ratio Lower Upper  
131 100  
133 94.9 0.0 192.6  
119 65.6 0.0 133.8



#66  
Ethyl Benzene  
Concen: 18.120 ug/l  
RT: 11.848 min Scan# 3676  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



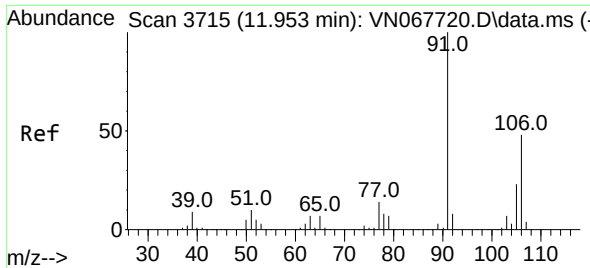
Tgt Ion: 91 Resp: 453990  
Ion Ratio Lower Upper  
91 100  
106 30.3 24.6 37.0



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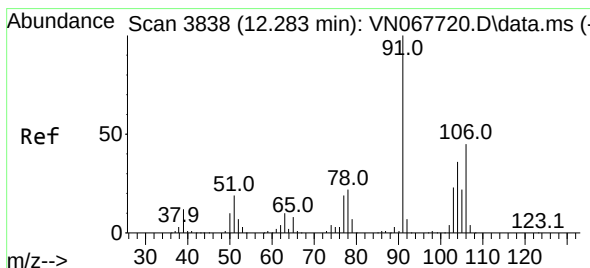
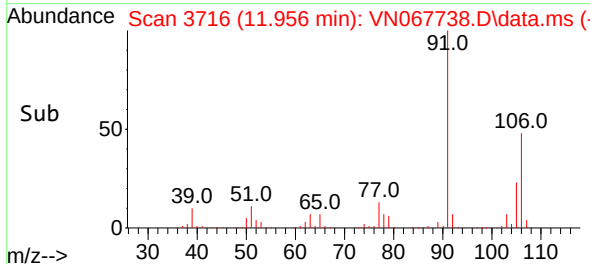
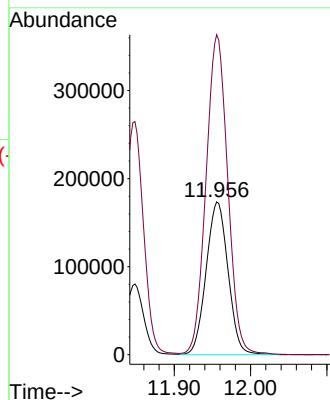
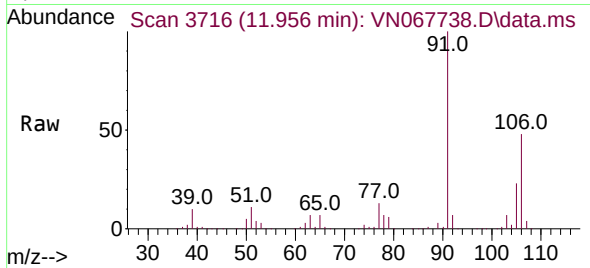
#67  
m/p-Xylenes  
Concen: 36.220 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
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Tgt Ion:106 Resp: 346128  
Ion Ratio Lower Upper  
106 100  
91 207.3 166.6 250.0

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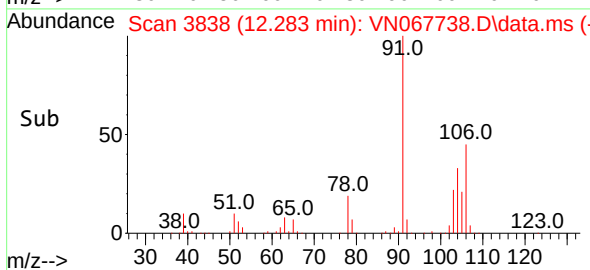
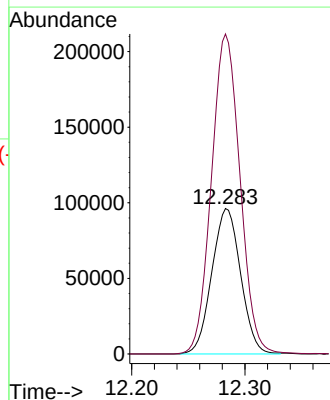
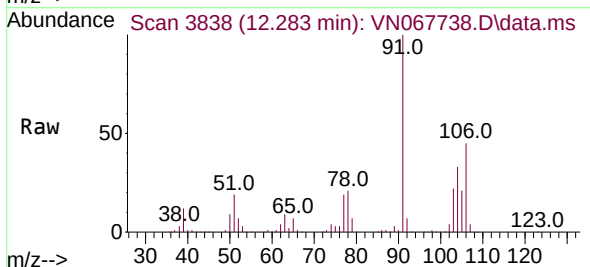
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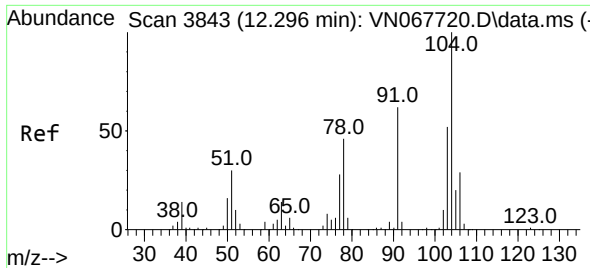
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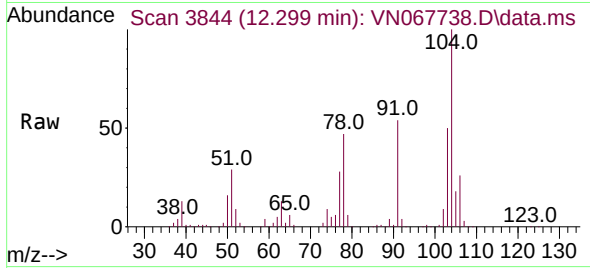
#68  
o-Xylene  
Concen: 17.999 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion:106 Resp: 169786  
Ion Ratio Lower Upper  
106 100  
91 218.4 109.6 328.8

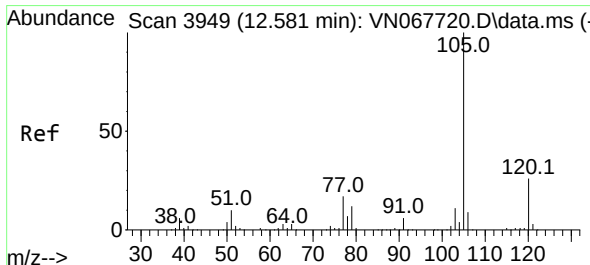
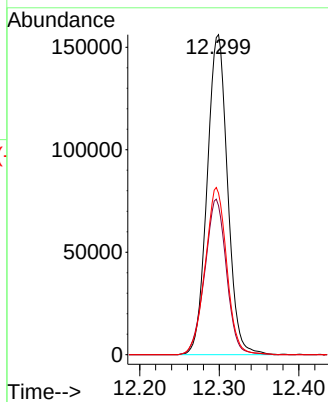
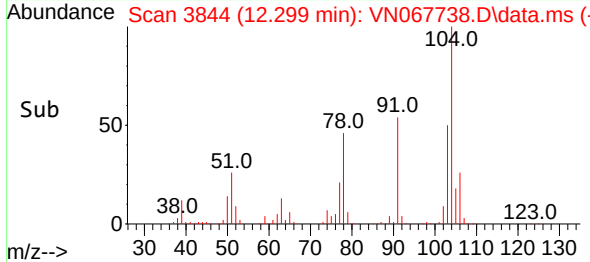




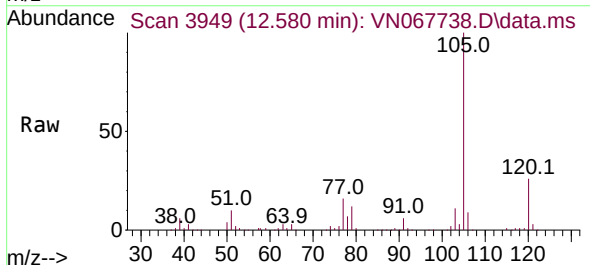
#69  
Styrene  
Concen: 17.880 ug/l  
RT: 12.299 min Scan# 3844  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



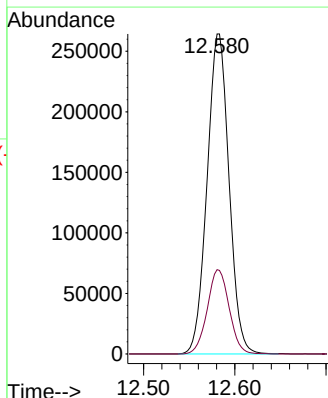
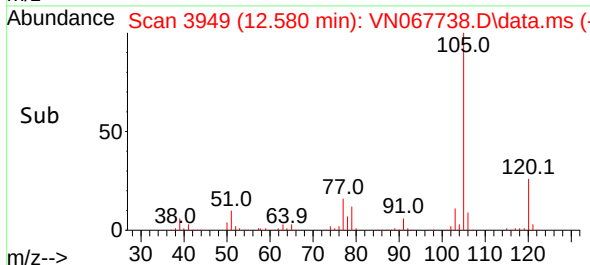
Tgt Ion:104 Resp: 278912  
Ion Ratio Lower Upper  
104 100  
78 51.6 40.8 61.2  
103 55.2 44.9 67.3



#70  
Isopropylbenzene  
Concen: 18.121 ug/l  
RT: 12.580 min Scan# 3949  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



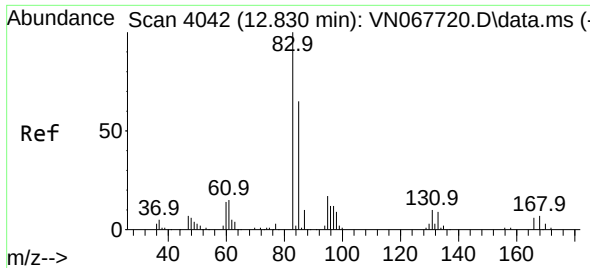
Tgt Ion:105 Resp: 441128  
Ion Ratio Lower Upper  
105 100  
120 26.3 17.9 33.3



Instrument :  
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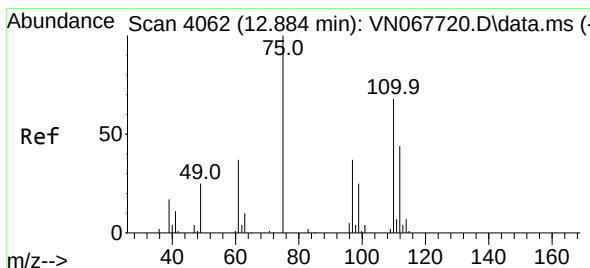
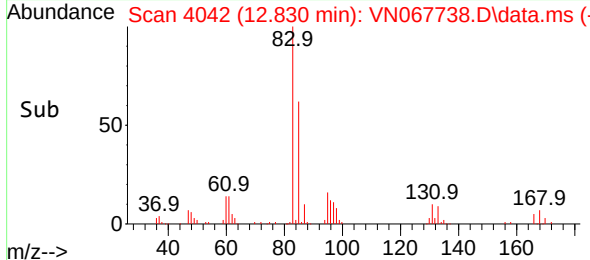
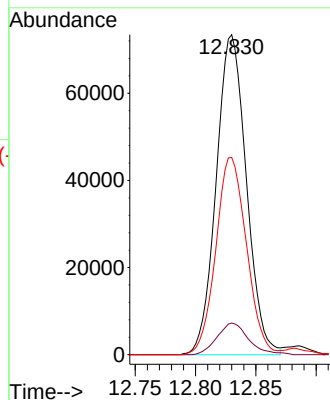
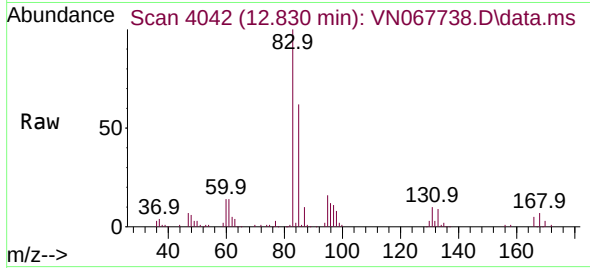
#71  
1,1,2,2-Tetrachloroethane  
Concen: 18.474 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion: 83 Resp: 127683  
Ion Ratio Lower Upper  
83 100  
131 10.2 5.2 15.6  
85 62.6 32.0 96.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02

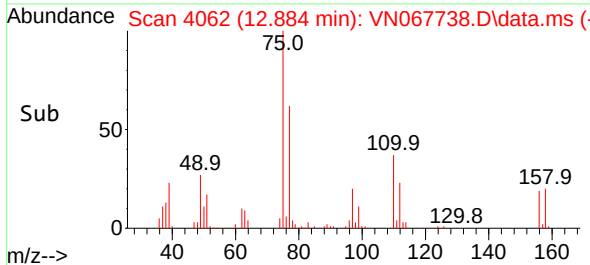
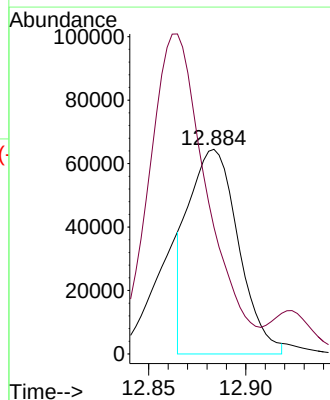
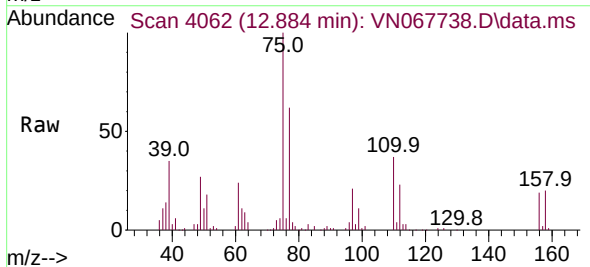
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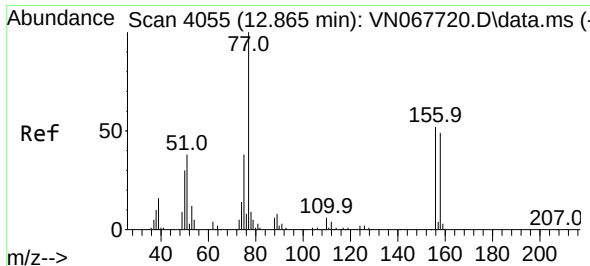
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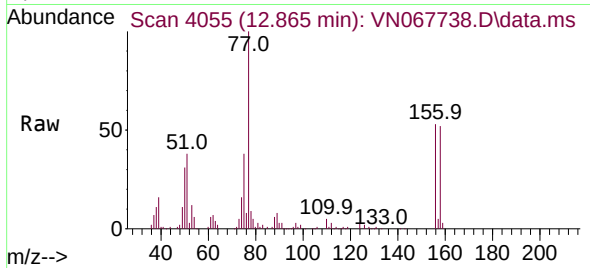
#72  
1,2,3-Trichloropropane  
Concen: 19.986 ug/l m  
RT: 12.884 min Scan# 4062  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion: 75 Resp: 114839  
Ion Ratio Lower Upper  
75 100  
77 183.3 0.0 365.2

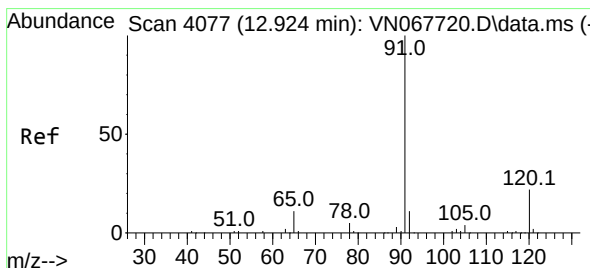
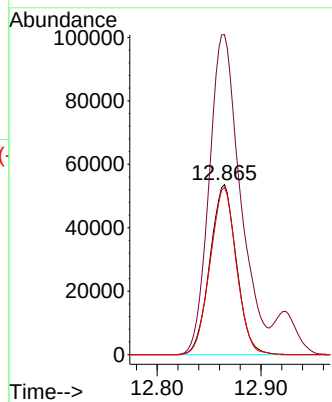
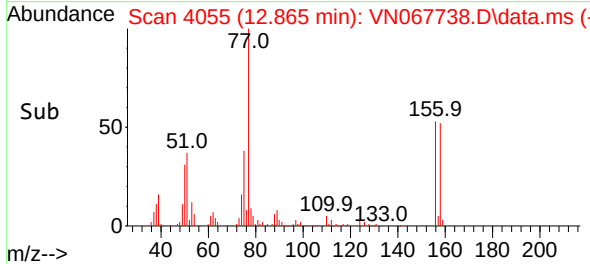




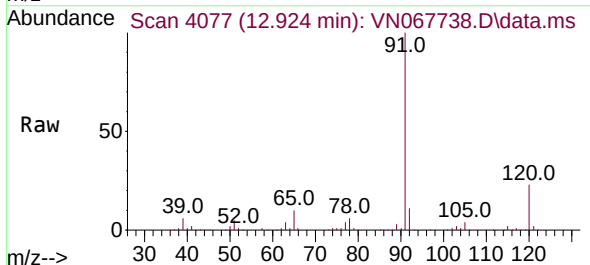
#73  
Bromobenzene  
Concen: 17.009 ug/l  
RT: 12.865 min Scan# 4055  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



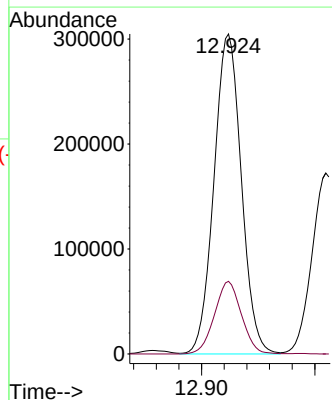
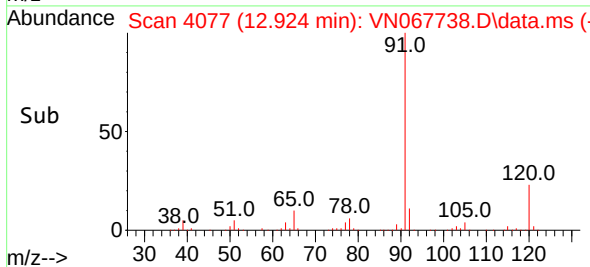
Tgt Ion:156 Resp: 95169  
Ion Ratio Lower Upper  
156 100  
77 221.1 0.0 436.4  
158 97.5 0.0 191.4



#74  
n-propylbenzene  
Concen: 18.306 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



Tgt Ion: 91 Resp: 510643  
Ion Ratio Lower Upper  
91 100  
120 22.4 0.0 44.2

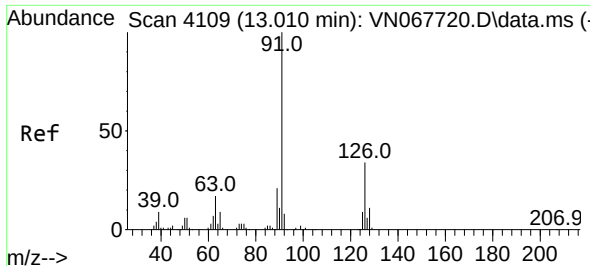


Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02

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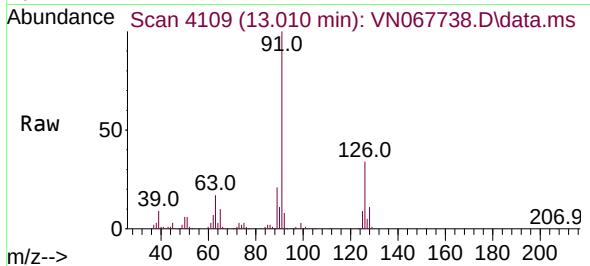
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#75  
2-Chlorotoluene  
Concen: 18.171 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

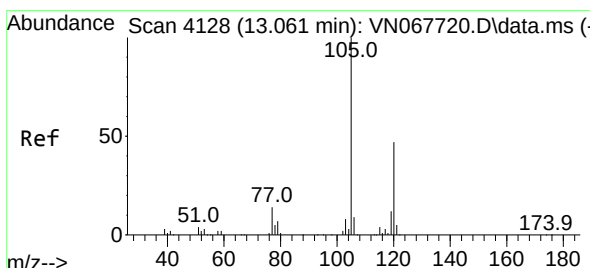
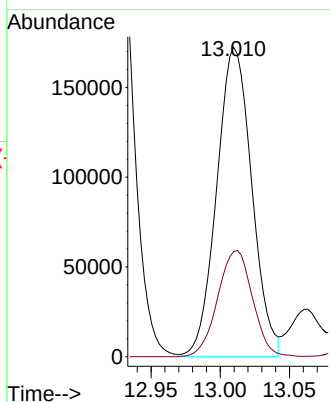
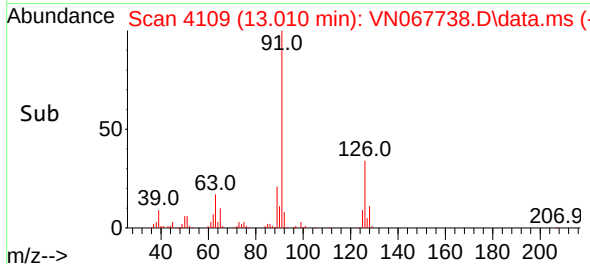
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02



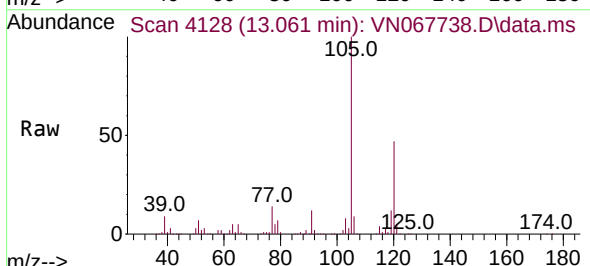
Tgt Ion: 91 Resp: 304231  
Ion Ratio Lower Upper  
91 100  
126 34.0 0.0 66.2

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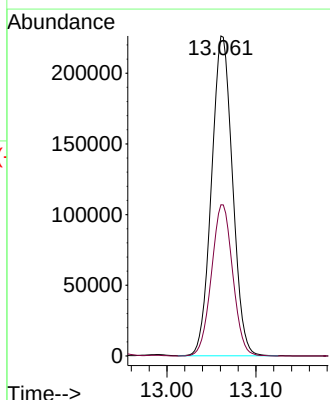
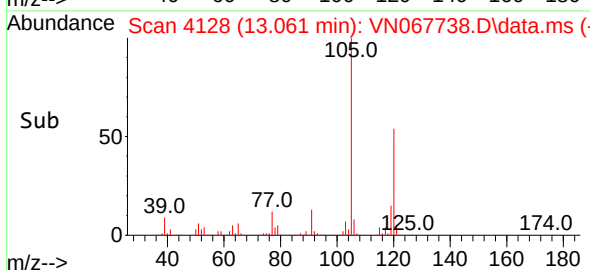
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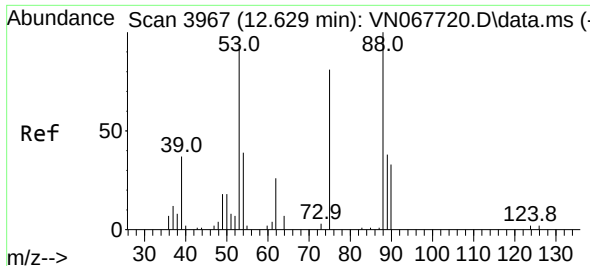


#76  
1,3,5-Trimethylbenzene  
Concen: 18.502 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



Tgt Ion: 105 Resp: 370826  
Ion Ratio Lower Upper  
105 100  
120 47.9 0.0 96.2





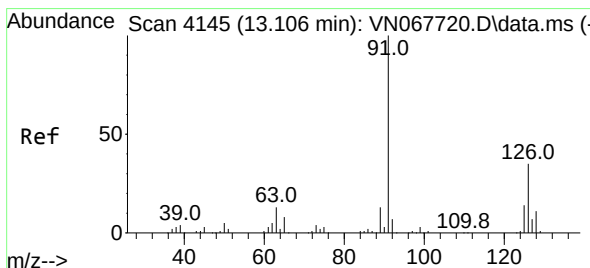
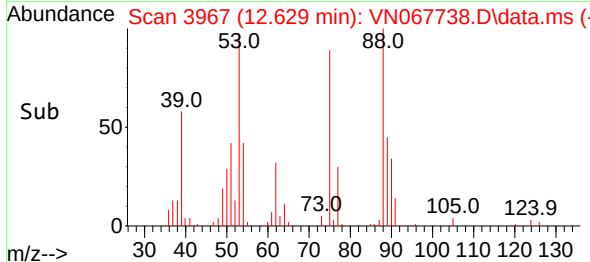
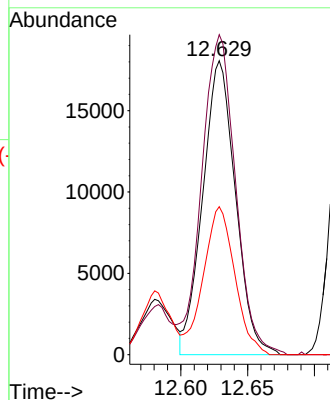
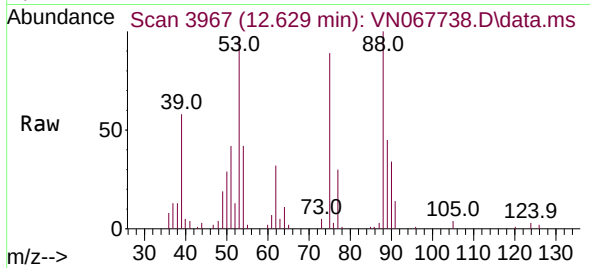
#77  
t-1,4-Dichloro-2-butene  
Concen: 15.896 ug/l  
RT: 12.629 min Scan# 3967  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

Tgt Ion: 75 Resp: 30825  
Ion Ratio Lower Upper  
75 100  
53 107.6 57.0 171.0  
89 50.3 24.7 74.1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02

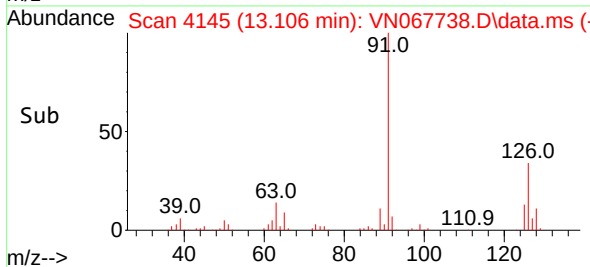
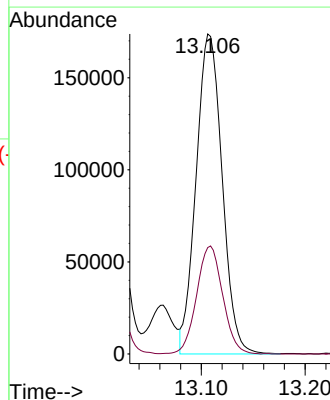
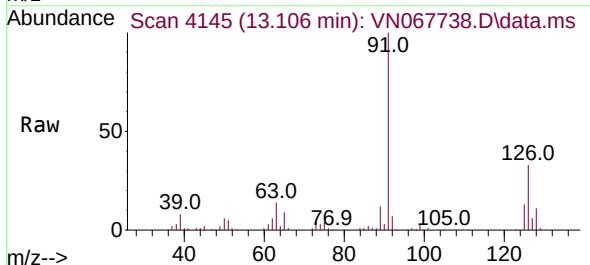
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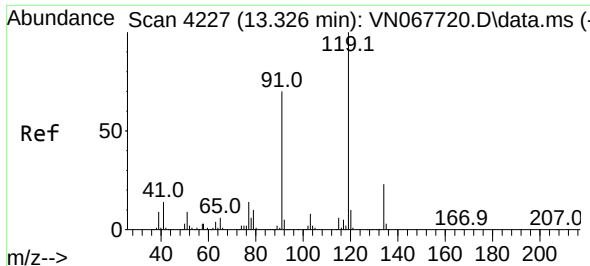
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#78  
4-Chlorotoluene  
Concen: 18.130 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

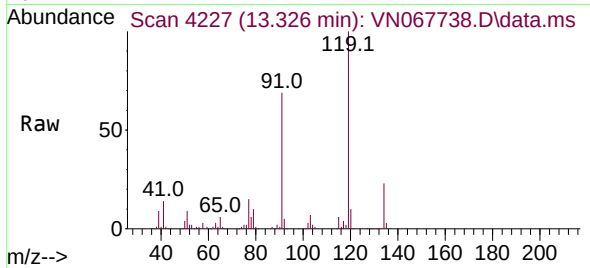
Tgt Ion: 91 Resp: 302630  
Ion Ratio Lower Upper  
91 100  
126 33.8 0.0 66.4





#79  
tert-butylbenzene  
Concen: 17.961 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

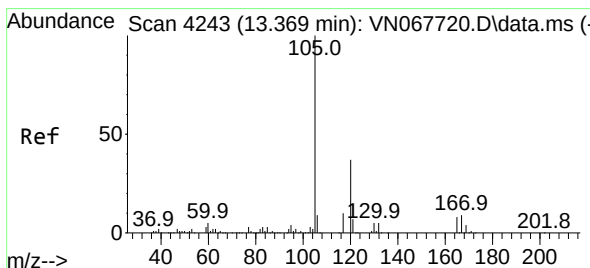
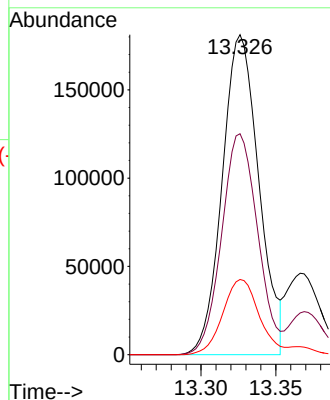
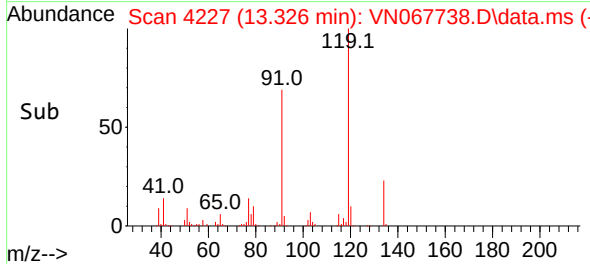
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ClientSampleId :  
VN0714WBS02



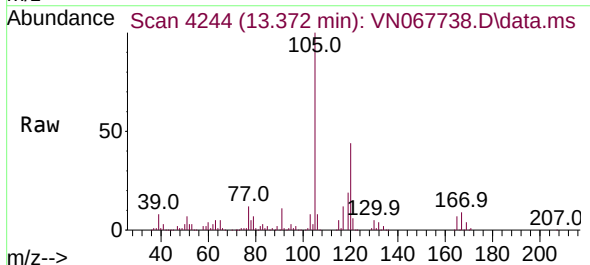
Tgt Ion:119 Resp: 309086  
Ion Ratio Lower Upper  
119 100  
91 68.0 0.0 137.2  
134 23.3 0.0 50.2

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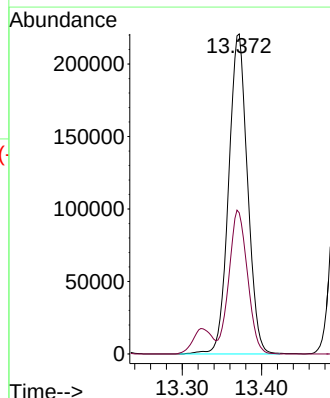
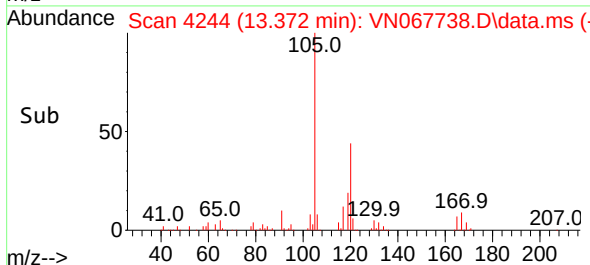
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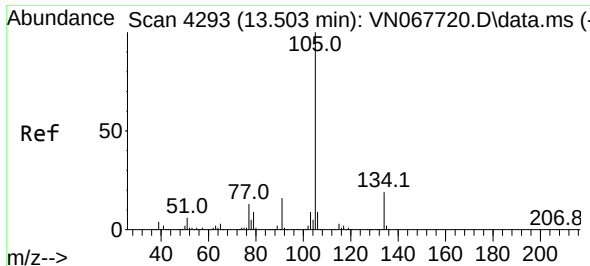


#80  
1,2,4-Trimethylbenzene  
Concen: 18.312 ug/l m  
RT: 13.372 min Scan# 4244  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



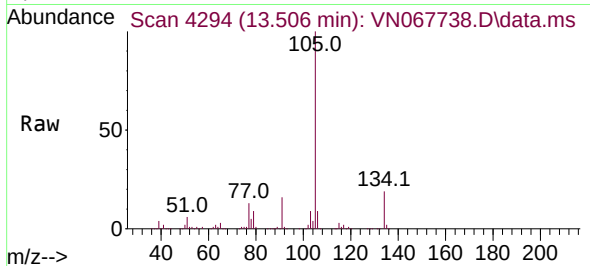
Tgt Ion:105 Resp: 364455  
Ion Ratio Lower Upper  
105 100  
120 0.1 0.0 0.2





#81  
 sec-Butylbenzene  
 Concen: 18.305 ug/l  
 RT: 13.506 min Scan# 4294  
 Delta R.T. 0.002 min  
 Lab File: VN067738.D  
 Acq: 14 Jul 2021 12:42

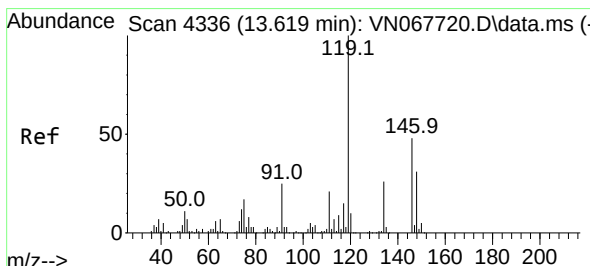
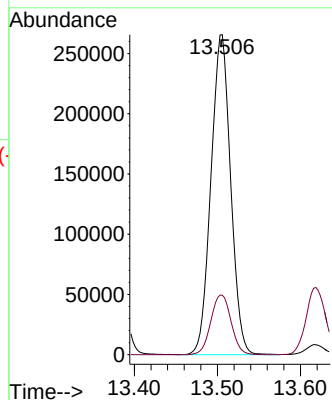
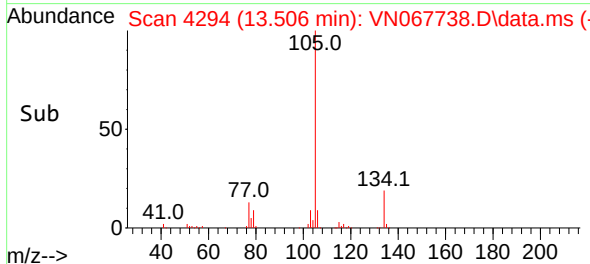
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0714WBS02



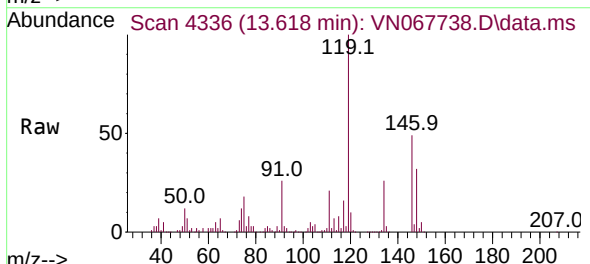
Tgt Ion:105 Resp: 436979  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 0.0 38.4

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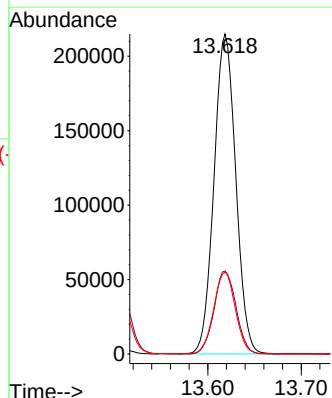
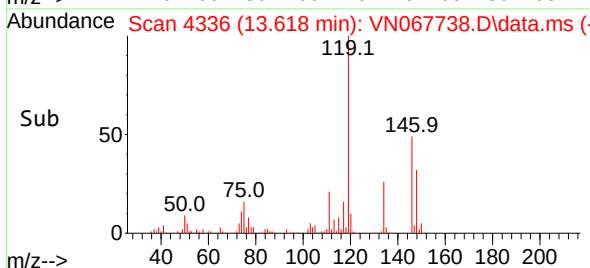
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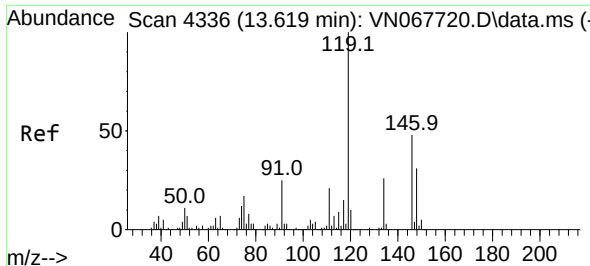


#82  
 p-Isopropyltoluene  
 Concen: 17.550 ug/l  
 RT: 13.618 min Scan# 4336  
 Delta R.T. -0.000 min  
 Lab File: VN067738.D  
 Acq: 14 Jul 2021 12:42

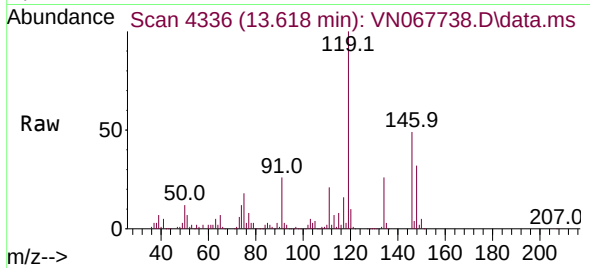


Tgt Ion:119 Resp: 348698  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 0.0 51.0  
 91 25.4 0.0 50.6

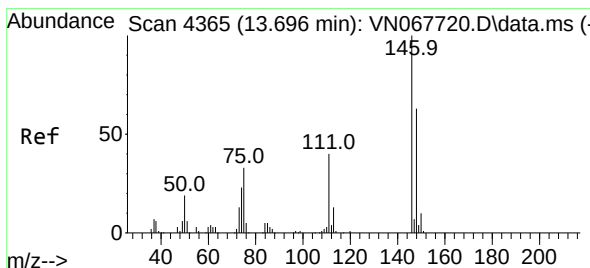
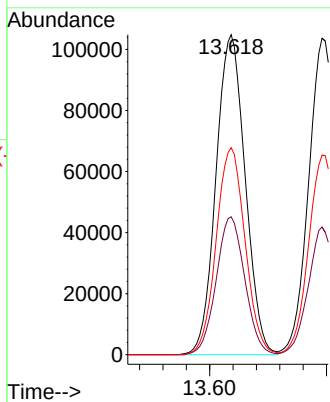
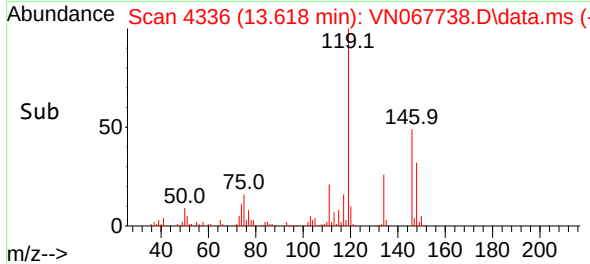




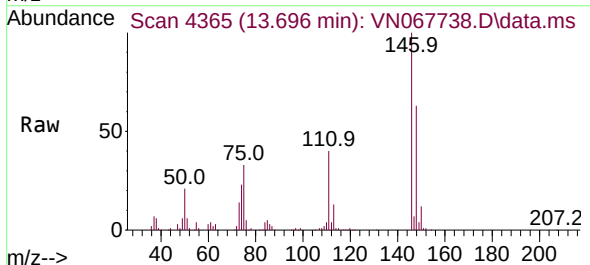
#83  
1,3-Dichlorobenzene  
Concen: 17.432 ug/l  
RT: 13.618 min Scan# 4336  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



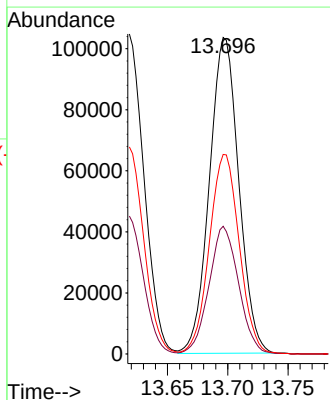
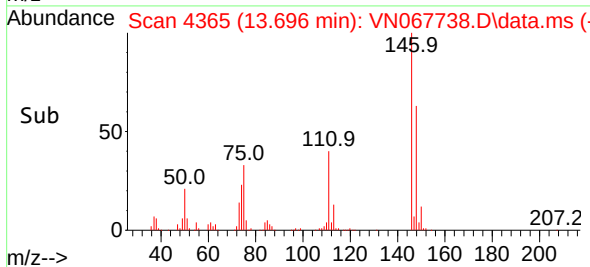
Tgt Ion:146 Resp: 182147  
Ion Ratio Lower Upper  
146 100  
111 42.1 21.1 63.1  
148 63.9 31.9 95.7



#84  
1,4-Dichlorobenzene  
Concen: 17.250 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



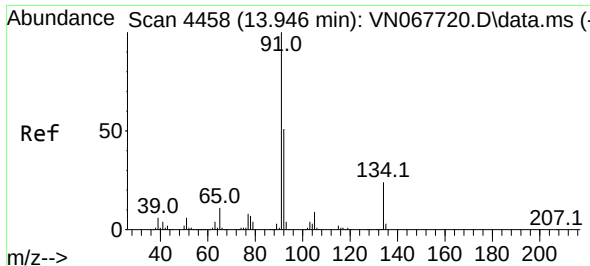
Tgt Ion:146 Resp: 175575  
Ion Ratio Lower Upper  
146 100  
111 40.7 20.0 59.9  
148 64.5 31.8 95.3



Instrument :  
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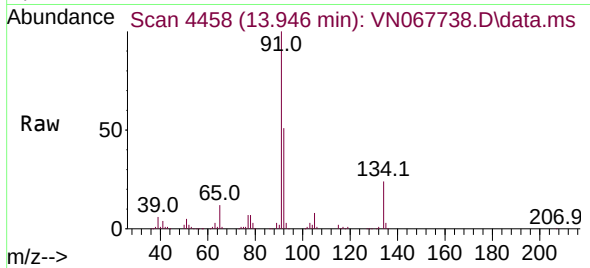
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#85  
n-Butylbenzene  
Concen: 17.796 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

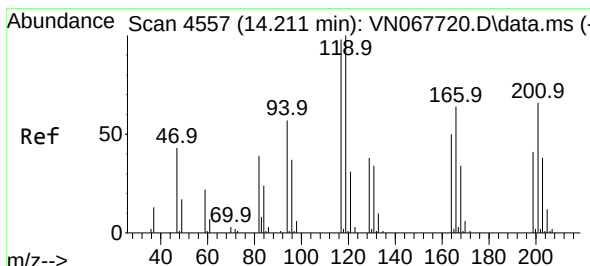
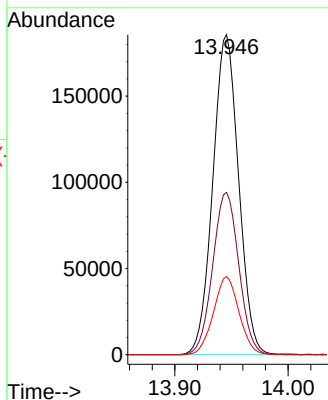
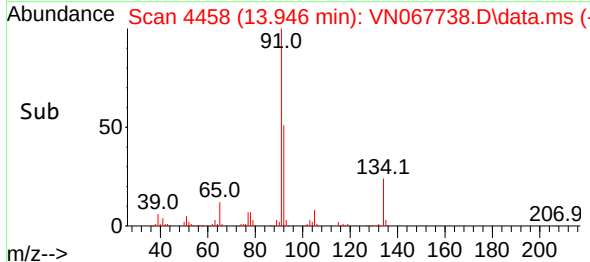
Instrument :  
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ClientSampleId :  
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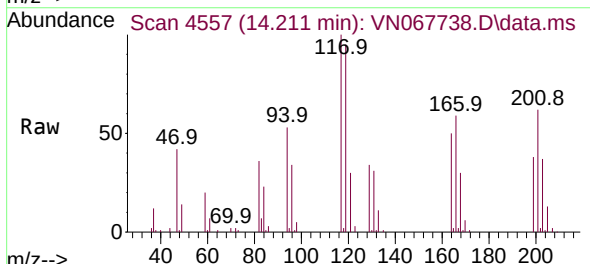
Tgt Ion: 91 Resp: 293337  
Ion Ratio Lower Upper  
91 100  
92 51.4 0.0 102.6  
134 24.2 0.0 48.6

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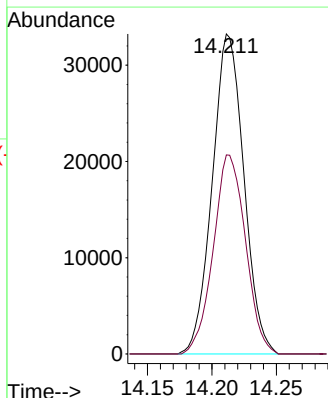
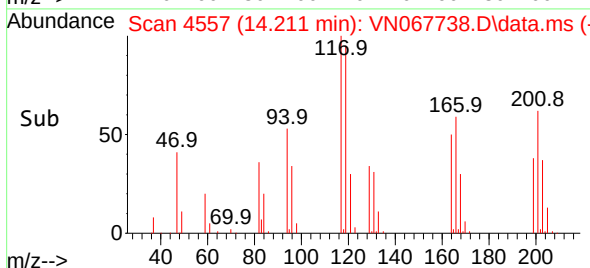
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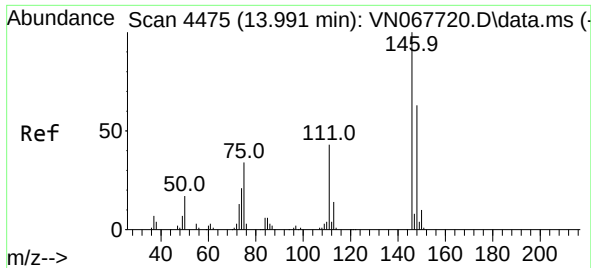


#86  
Hexachloroethane  
Concen: 17.156 ug/l  
RT: 14.211 min Scan# 4557  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

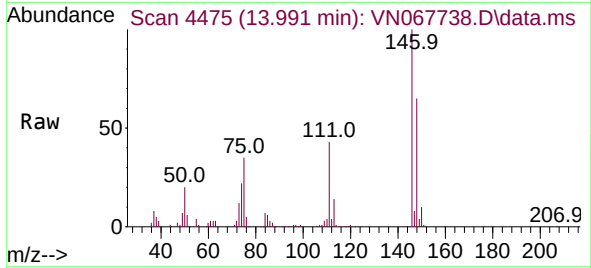


Tgt Ion: 117 Resp: 56707  
Ion Ratio Lower Upper  
117 100  
201 63.4 31.8 95.3

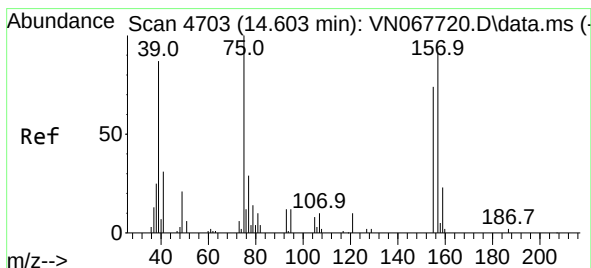
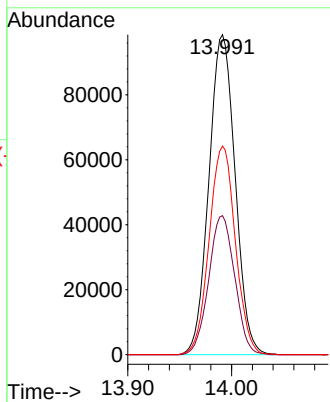
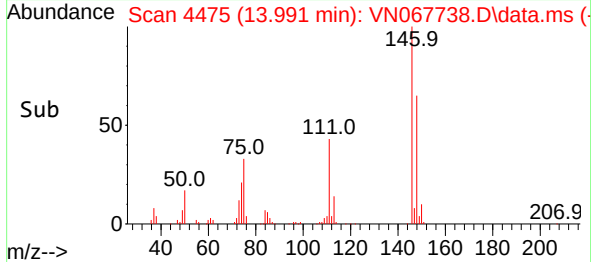




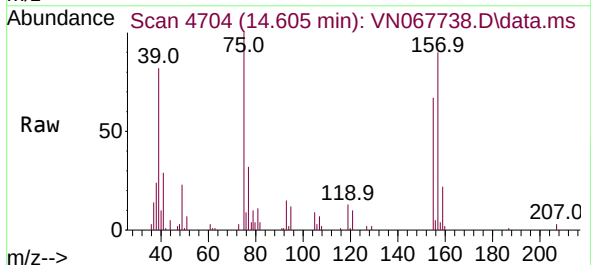
#87  
1,2-Dichlorobenzene  
Concen: 17.334 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



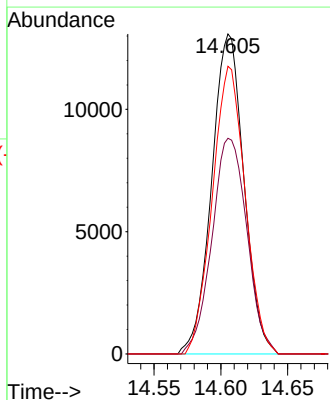
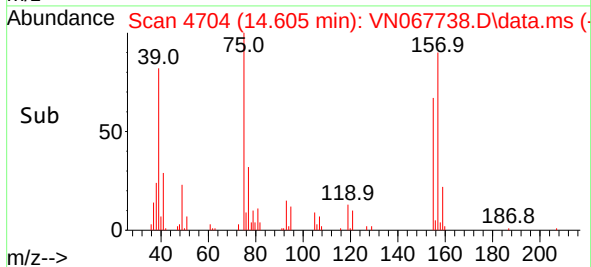
Tgt Ion:146 Resp: 172921  
Ion Ratio Lower Upper  
146 100  
111 43.1 22.0 66.0  
148 65.3 31.7 95.1



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 17.781 ug/l  
RT: 14.605 min Scan# 4704  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



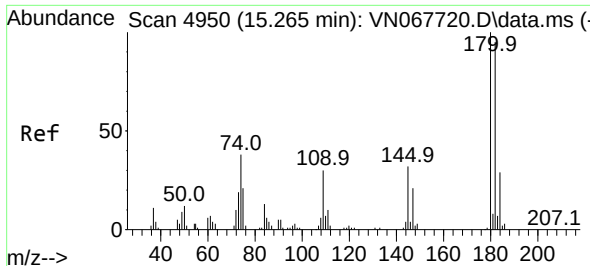
Tgt Ion: 75 Resp: 21987  
Ion Ratio Lower Upper  
75 100  
155 72.9 59.2 88.8  
157 91.3 75.4 113.2



Instrument :  
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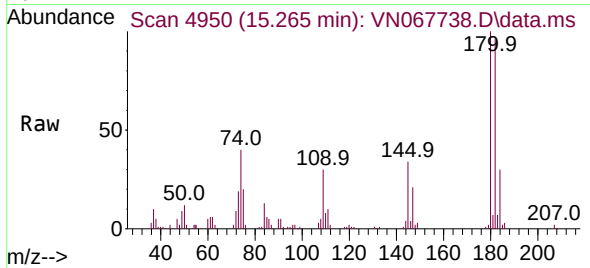
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#89  
1,2,4-Trichlorobenzene  
Concen: 15.464 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

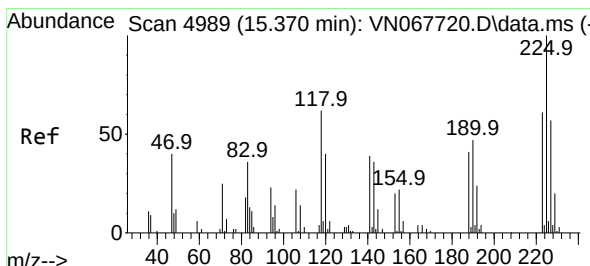
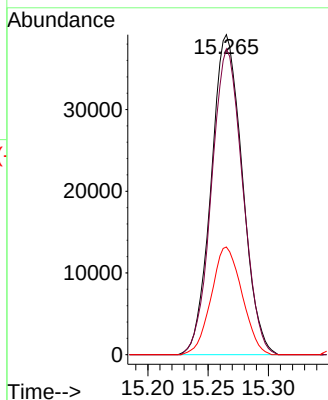
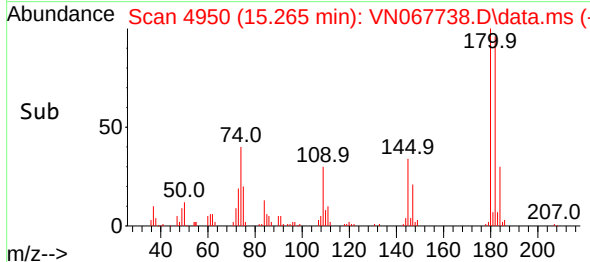
Instrument :  
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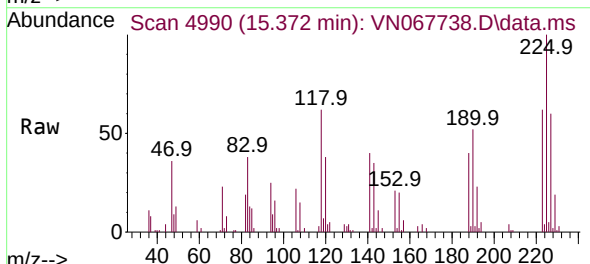
Tgt Ion:180 Resp: 70339  
Ion Ratio Lower Upper  
180 100  
182 95.2 74.5 111.7  
145 33.3 25.4 38.0

Manual Integrations  
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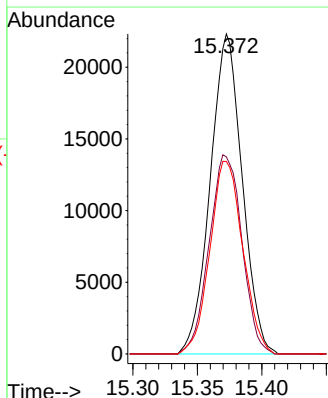
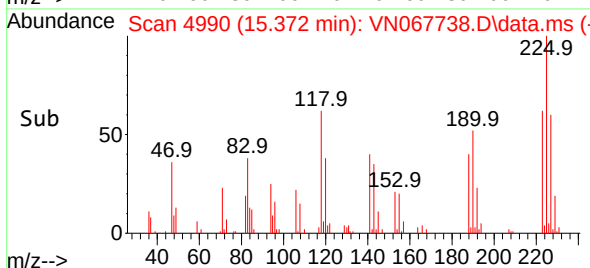
MMDadoda  
7/16/2021 10:43:14 AM



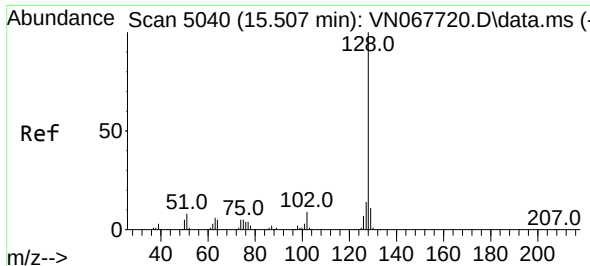
#90  
Hexachlorobutadiene  
Concen: 17.587 ug/l  
RT: 15.372 min Scan# 4990  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



Tgt Ion:225 Resp: 38450  
Ion Ratio Lower Upper  
225 100  
223 63.9 0.0 124.6  
227 62.0 0.0 115.6

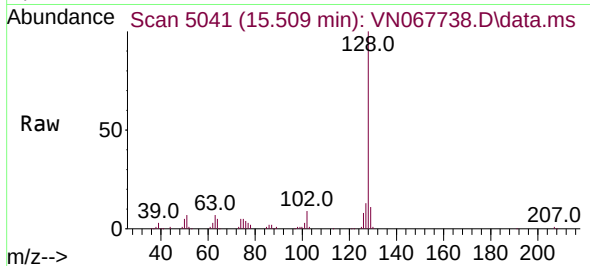






#91  
Naphthalene  
Concen: 13.889 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.002 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42

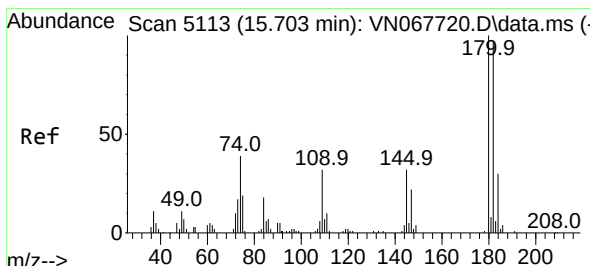
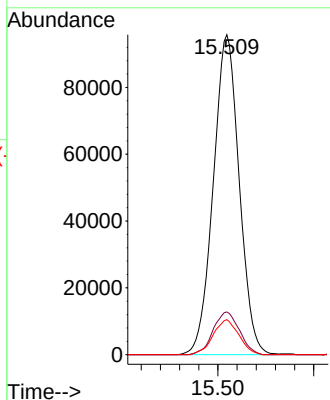
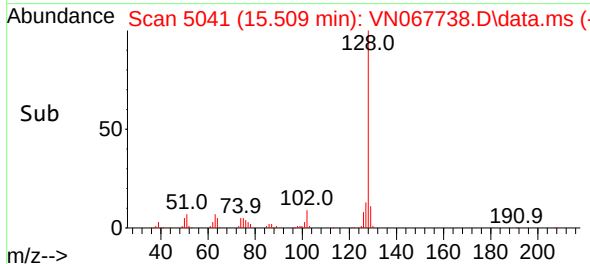
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0714WBS02



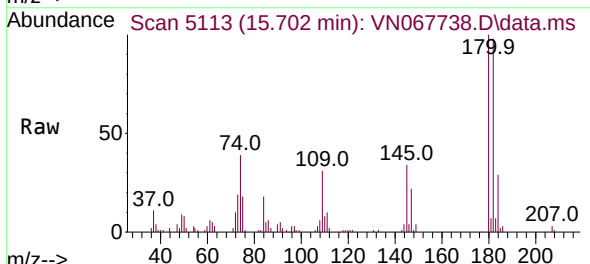
Tgt Ion:128 Resp: 179476  
Ion Ratio Lower Upper  
128 100  
127 13.6 10.9 16.3  
129 10.9 8.7 13.1

Manual Integrations  
APPROVED

MMDadoda  
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#92  
1,2,3-Trichlorobenzene  
Concen: 15.280 ug/l  
RT: 15.702 min Scan# 5113  
Delta R.T. -0.000 min  
Lab File: VN067738.D  
Acq: 14 Jul 2021 12:42



Tgt Ion:180 Resp: 66586  
Ion Ratio Lower Upper  
180 100  
182 94.7 0.0 190.8  
145 34.3 0.0 68.2

