

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072021\  
 Data File : VN067811.D  
 Acq On : 20 Jul 2021 12:12  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 7/21/2021 5:52:54 PM

Quant Time: Jul 20 12:29:26 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 07 16:18:53 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|------------------------------|----------------|------|------------|----------|-------|----------|
| -----                        |                |      |            |          |       |          |
| Internal Standards           |                |      |            |          |       |          |
| 1) Pentafluorobenzene        | 8.086          | 168  | 384668     | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene      | 8.968          | 114  | 673276     | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 11.746         | 117  | 660572     | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.677         | 152  | 335813     | 50.000   | ug/l  | 0.00     |
|                              |                |      |            |          |       |          |
| System Monitoring Compounds  |                |      |            |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 8.437          | 65   | 288573     | 49.638   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 61 - 141 |      | Recovery = | 99.280%  |       |          |
| 35) Dibromofluoromethane     | 8.021          | 113  | 215891     | 53.074   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 69 - 133 |      | Recovery = | 106.140% |       |          |
| 50) Toluene-d8               | 10.443         | 98   | 898881     | 52.793   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 65 - 126 |      | Recovery = | 105.580% |       |          |
| 62) 4-Bromofluorobenzene     | 12.733         | 95   | 332466     | 55.275   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 58 - 135 |      | Recovery = | 110.540% |       |          |
|                              |                |      |            |          |       |          |
| Target Compounds             |                |      |            |          |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.070          | 85   | 179679     | 54.955   | ug/l  | 98       |
| 3) Chloromethane             | 2.298          | 50   | 224010     | 43.257   | ug/l  | 97       |
| 4) Vinyl Chloride            | 2.440          | 62   | 359232     | 45.964   | ug/l  | 96       |
| 5) Bromomethane              | 2.824          | 94   | 297873     | 56.715   | ug/l  | 99       |
| 6) Chloroethane              | 3.001          | 64   | 276690     | 52.979   | ug/l  | 97       |
| 7) Trichlorofluoromethane    | 3.363          | 101  | 656370     | 55.608   | ug/l  | 98       |
| 8) Diethyl Ether             | 3.819          | 74   | 140897     | 45.287   | ug/l  | 90       |
| 9) 1,1,2-Trichlorotrifluo... | 4.197          | 101  | 201213     | 56.441   | ug/l  | 95       |
| 10) Methyl Iodide            | 4.409          | 142  | 239605     | 56.420   | ug/l  | 92       |
| 11) Tert butyl alcohol       | 5.390          | 59   | 214043     | 256.216  | ug/l  | 99       |
| 12) 1,1-Dichloroethene       | 4.170          | 96   | 183565     | 53.668   | ug/l  | 82       |
| 13) Acrolein                 | 4.036          | 56   | 152530     | 376.637  | ug/l  | 100      |
| 14) Allyl chloride           | 4.832          | 41   | 317109     | 50.436   | ug/l  | 95       |
| 15) Acrylonitrile            | 5.554          | 53   | 576023     | 277.997  | ug/l  | 100      |
| 16) Acetone                  | 4.288          | 43   | 532944     | 291.342  | ug/l  | 92       |
| 17) Carbon Disulfide         | 4.519          | 76   | 469216     | 49.524   | ug/l  | 99       |
| 18) Methyl Acetate           | 4.854          | 43   | 272807     | 53.096   | ug/l  | 94       |
| 19) Methyl tert-butyl Ether  | 5.618          | 73   | 762688     | 53.810   | ug/l  | 99       |
| 20) Methylene Chloride       | 5.087          | 84   | 238098     | 55.837   | ug/l  | 87       |
| 21) trans-1,2-Dichloroethene | 5.586          | 96   | 212465     | 52.539   | ug/l  | 89       |
| 22) Diisopropyl ether        | 6.498          | 45   | 756642     | 53.033   | ug/l  | 97       |
| 23) Vinyl Acetate            | 6.433          | 43   | 3242208    | 265.803  | ug/l  | # 95     |
| 24) 1,1-Dichloroethane       | 6.382          | 63   | 415981     | 52.300   | ug/l  | 99       |
| 25) 2-Butanone               | 7.337          | 43   | 834583     | 274.753  | ug/l  | 94       |
| 26) 2,2-Dichloropropane      | 7.327          | 77   | 373421     | 53.723   | ug/l  | 95       |
| 27) cis-1,2-Dichloroethene   | 7.324          | 96   | 265831     | 52.529   | ug/l  | 87       |
| 28) Bromochloromethane       | 7.656          | 49   | 188710     | 48.622   | ug/l  | # 79     |
| 29) Tetrahydrofuran          | 7.686          | 42   | 532780     | 266.715  | ug/l  | 92       |
| 30) Chloroform               | 7.817          | 83   | 471704     | 52.798   | ug/l  | 98       |
| 31) Cyclohexane              | 8.094          | 56   | 368432     | 45.198   | ug/l  | 94       |
| 32) 1,1,1-Trichloroethane    | 8.013          | 97   | 405809     | 52.384   | ug/l  | 98       |
| 36) 1,1-Dichloropropene      | 8.220          | 75   | 333979     | 53.402   | ug/l  | 96       |
| 37) Ethyl Acetate            | 7.415          | 43   | 334169     | 55.146   | ug/l  | 99       |
| 38) Carbon Tetrachloride     | 8.206          | 117  | 345172     | 55.953   | ug/l  | 97       |
| 39) Methylcyclohexane        | 9.459          | 83   | 371719     | 54.293   | ug/l  | 93       |
| 40) Benzene                  | 8.458          | 78   | 1011005    | 54.005   | ug/l  | 98       |

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Manual Integrations  
 APPROVED

MMDadoda  
 7/21/2021 5:52:54 PM

Quant Time: Jul 20 12:29:26 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 07 16:18:53 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.638  | 41   | 166428   | 53.438   | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 377865   | 54.353   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.563  | 43   | 580889   | 54.496   | ug/l   | 97       |
| 44) Trichloroethene           | 9.215  | 130  | 258202   | 54.347   | ug/l   | 86       |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 256987   | 54.220   | ug/l   | 99       |
| 46) Dibromomethane            | 9.579  | 93   | 188427   | 56.028   | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.764  | 83   | 366532   | 55.748   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.563  | 41   | 272288   | 57.755   | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.571  | 88   | 95458    | 1017.141 | ug/l   | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.333 | 43   | 1885344  | 287.904  | ug/l   | 95       |
| 52) Toluene                   | 10.507 | 92   | 689830   | 56.253   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.722 | 75   | 408907   | 52.115   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 422428   | 57.774   | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 10.899 | 97   | 272919   | 58.074   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 430998   | 59.529   | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 11.046 | 76   | 449390   | 55.766   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.043 | 63   | 485117   | 251.175  | ug/l   | 93       |
| 59) 2-Hexanone                | 11.089 | 43   | 1375672  | 300.959  | ug/l   | 93       |
| 60) Dibromochloromethane      | 11.240 | 129  | 290545   | 50.356   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.349 | 107  | 283630   | 59.115   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.979 | 164  | 251354   | 53.905   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.773 | 112  | 747529   | 55.099   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 284364   | 59.587   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.848 | 91   | 1399625  | 56.669   | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.956 | 106  | 1080051  | 115.619  | ug/l   | 87       |
| 69) o-Xylene                  | 12.283 | 106  | 532729   | 58.004   | ug/l   | 85       |
| 70) Styrene                   | 12.296 | 104  | 901819   | 61.383   | ug/l   | 93       |
| 71) Bromoform                 | 12.460 | 173  | 205238   | 48.580   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.581 | 105  | 1389819  | 51.295   | ug/l   | 97       |
| 74) N-amyl acetate            | 12.390 | 43   | 519765   | 52.877   | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 412045   | 52.399   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.881 | 75   | 354032m  | 51.624   | ug/l   |          |
| 77) Bromobenzene              | 12.862 | 156  | 318842   | 53.168   | ug/l   | 75       |
| 78) n-propylbenzene           | 12.924 | 91   | 1611464  | 52.585   | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 945826   | 51.086   | ug/l   | 89       |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 1165495  | 53.088   | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-b... | 12.629 | 75   | 121465   | 57.104   | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 975123   | 53.226   | ug/l   | 91       |
| 83) tert-Butylbenzene         | 13.326 | 119  | 987295   | 52.732   | ug/l   | 88       |
| 84) 1,2,4-Trimethylbenzene    | 13.372 | 105  | 1158820  | 53.869   | ug/l   | 94       |
| 85) sec-Butylbenzene          | 13.503 | 105  | 1381120  | 53.301   | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.618 | 119  | 1164246  | 55.679   | ug/l   | 93       |
| 87) 1,3-Dichlorobenzene       | 13.618 | 146  | 619783   | 55.711   | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146  | 606642   | 53.260   | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.946 | 91   | 971248   | 54.153   | ug/l   | 98       |
| 90) Hexachloroethane          | 14.214 | 117  | 191339   | 55.096   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 584772   | 54.454   | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.605 | 75   | 72455    | 53.051   | ug/l   | 71       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 264284   | 47.391   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.372 | 225  | 123050   | 54.531   | ug/l   | 98       |
| 95) Naphthalene               | 15.509 | 128  | 777498   | 47.451   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 249969   | 46.795   | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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VSTDCCC050

Manual Integrations  
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Quant Time: Jul 20 12:29:26 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070721W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 07 16:18:53 2021  
Response via : Initial Calibration

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

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

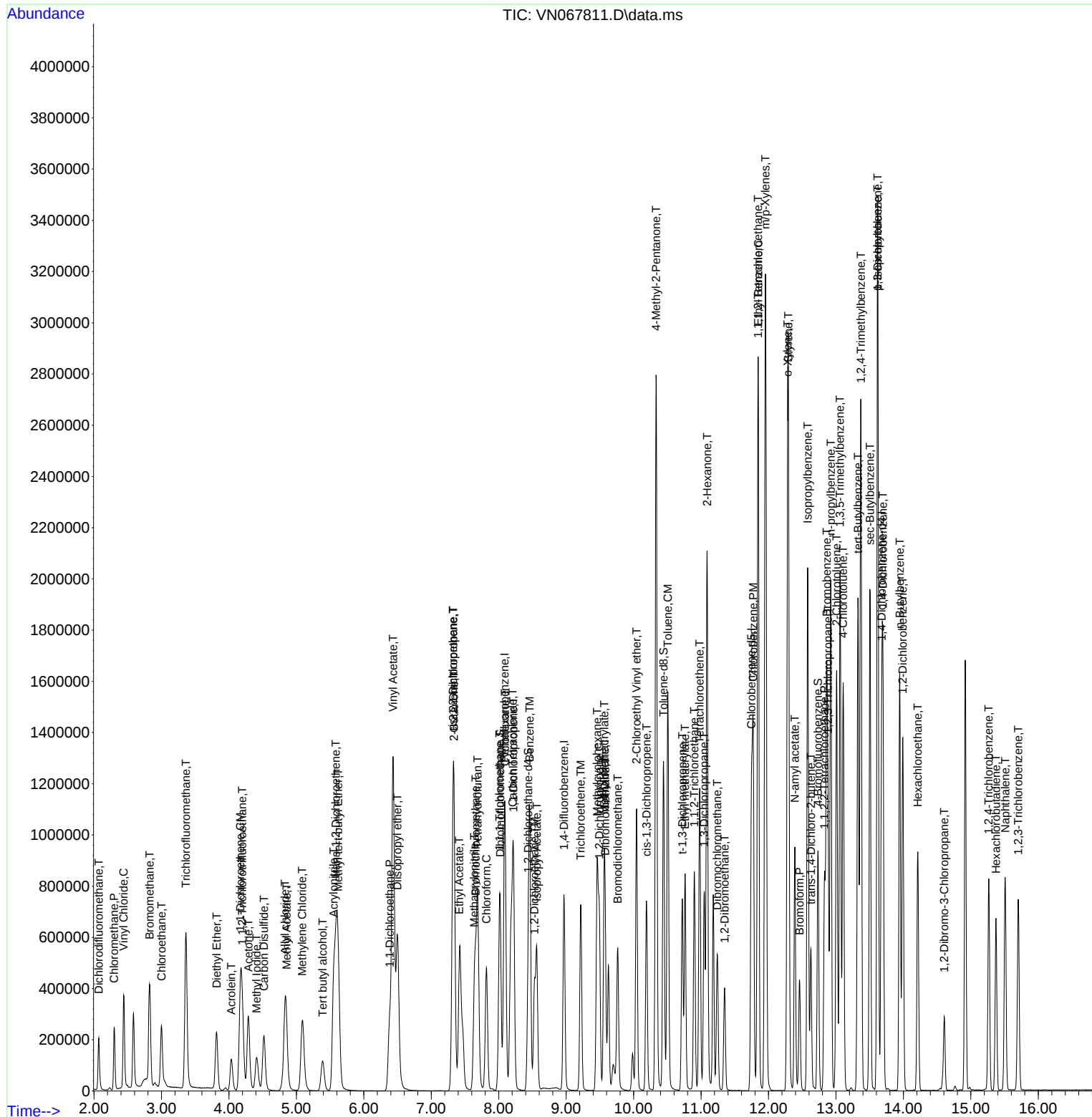
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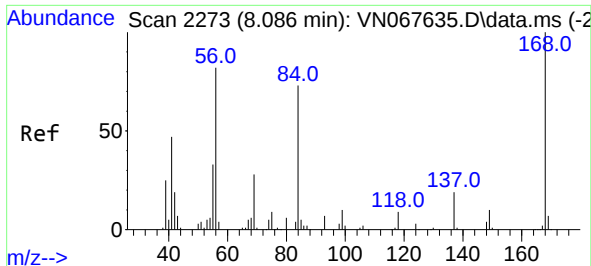
Instrument :  
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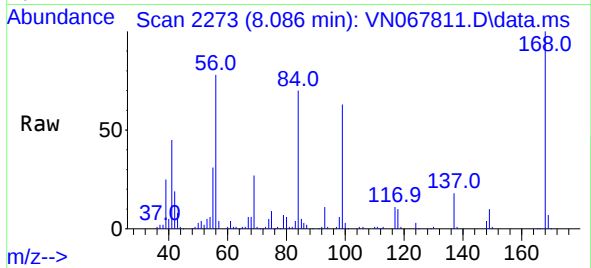
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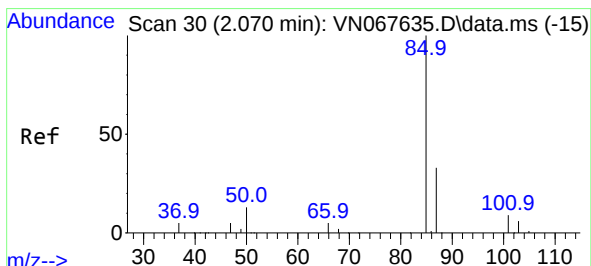
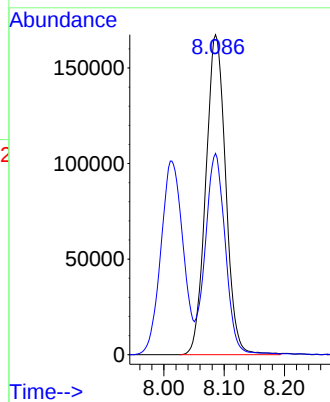
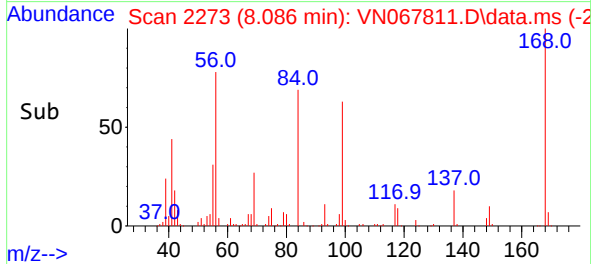




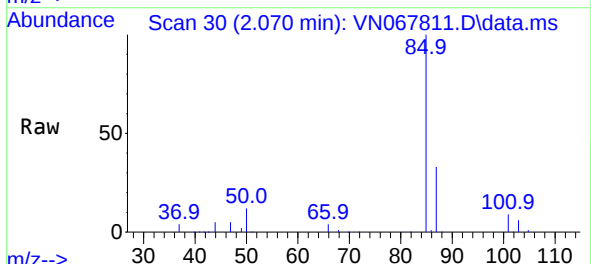
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



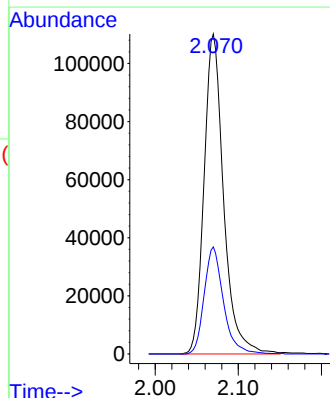
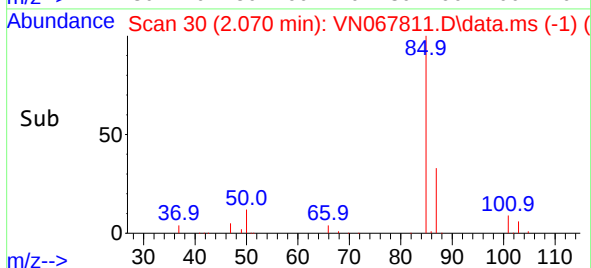
Tgt Ion: 168 Resp: 384668  
Ion Ratio Lower Upper  
168 100  
99 62.7 62.9 94.3#



#2  
Dichlorodifluoromethane  
Concen: 54.955 ug/l  
RT: 2.070 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



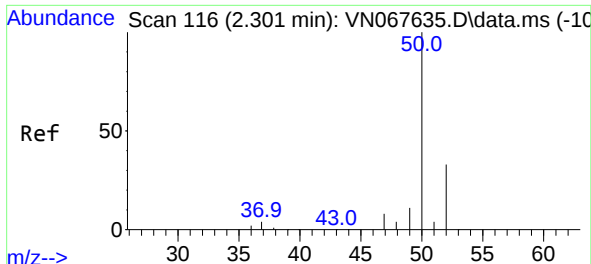
Tgt Ion: 85 Resp: 179679  
Ion Ratio Lower Upper  
85 100  
87 33.4 16.1 48.2



Instrument :  
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Manual Integrations  
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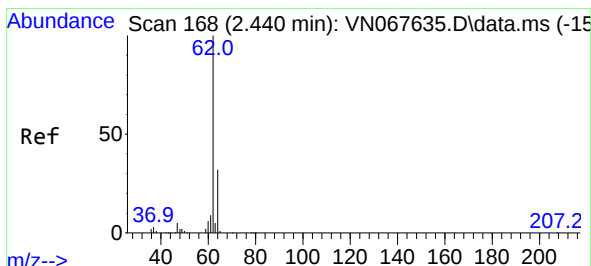
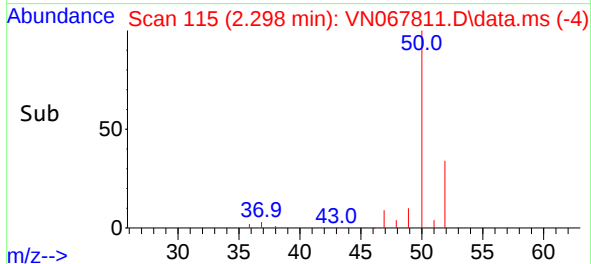
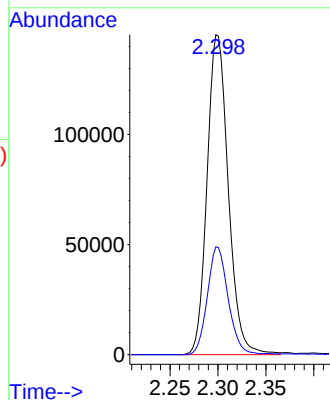
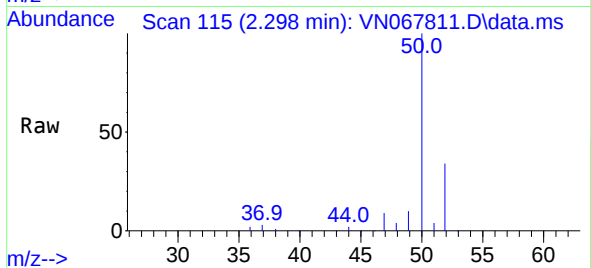
#3  
Chloromethane  
Concen: 43.257 ug/l  
RT: 2.298 min Scan# 115  
Delta R.T. -0.003 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

Tgt Ion: 50 Resp: 224010  
Ion Ratio Lower Upper  
50 100  
52 33.7 25.6 38.4

Instrument :  
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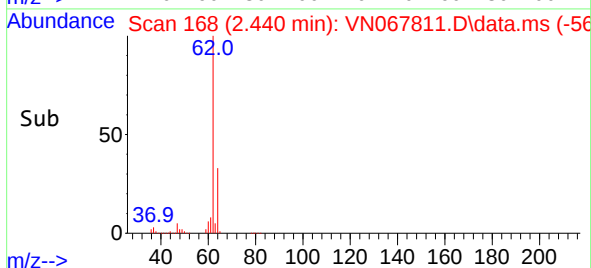
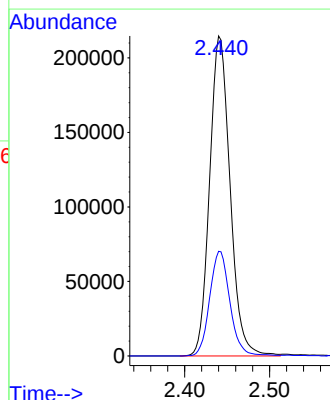
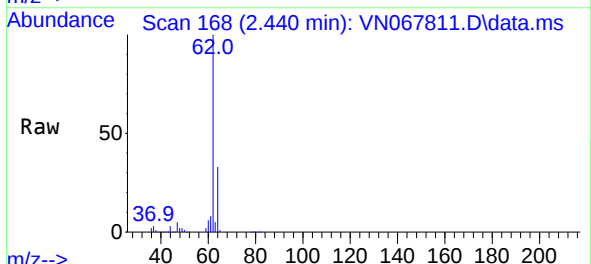
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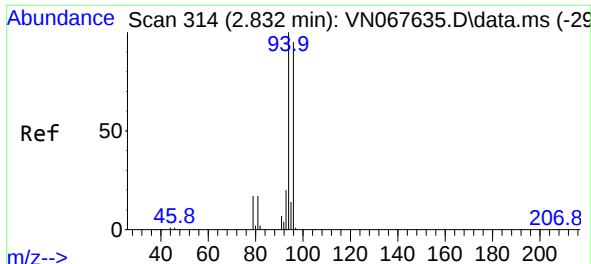
MMDadoda  
7/21/2021 5:52:54 PM



#4  
Vinyl Chloride  
Concen: 45.964 ug/l  
RT: 2.440 min Scan# 168  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

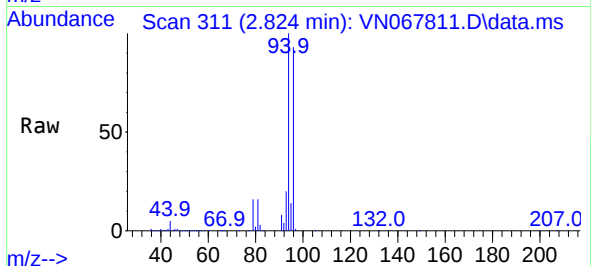
Tgt Ion: 62 Resp: 359232  
Ion Ratio Lower Upper  
62 100  
64 32.7 24.4 36.6





#5  
Bromomethane  
Concen: 56.715 ug/l  
RT: 2.824 min Scan# 311  
Delta R.T. -0.008 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

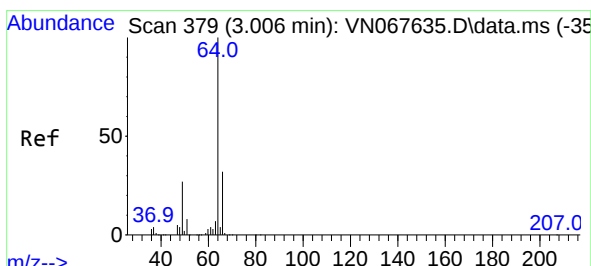
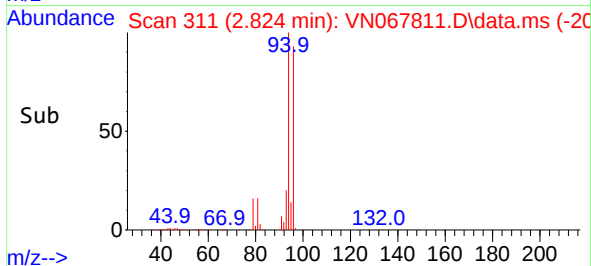
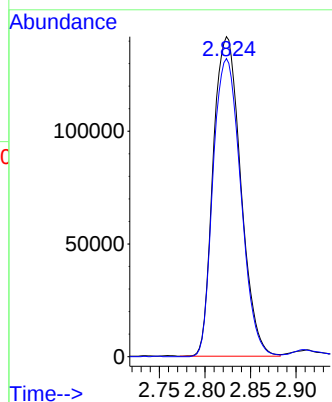
Instrument :  
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Tgt Ion: 94 Resp: 297873  
Ion Ratio Lower Upper  
94 100  
96 93.3 73.7 110.5

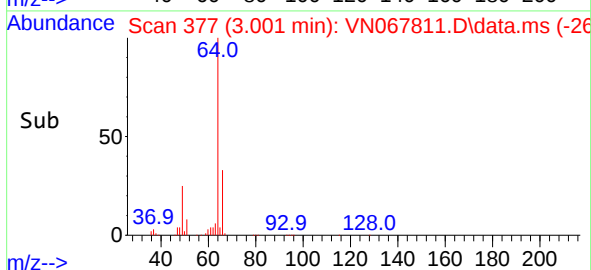
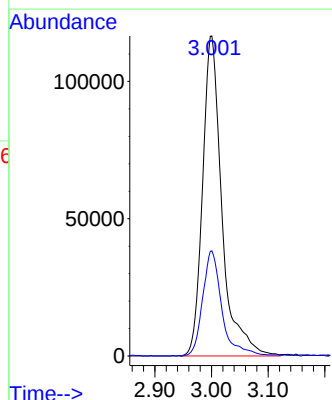
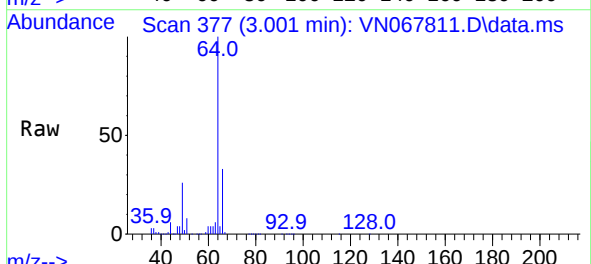
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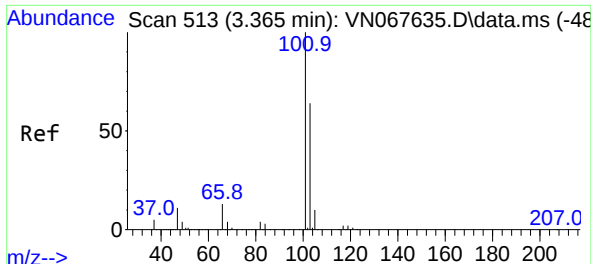
MMDadoda  
7/21/2021 5:52:54 PM



#6  
Chloroethane  
Concen: 52.979 ug/l  
RT: 3.001 min Scan# 377  
Delta R.T. -0.005 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

Tgt Ion: 64 Resp: 276690  
Ion Ratio Lower Upper  
64 100  
66 32.7 24.7 37.1





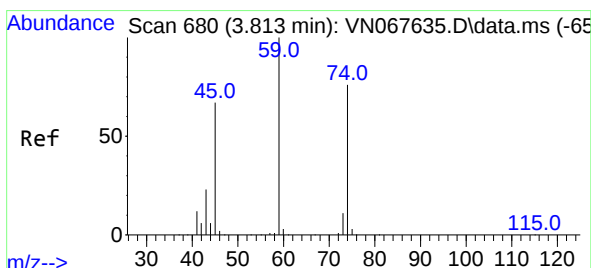
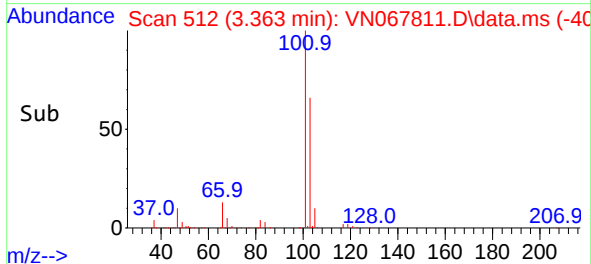
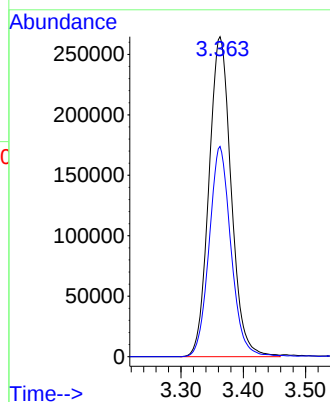
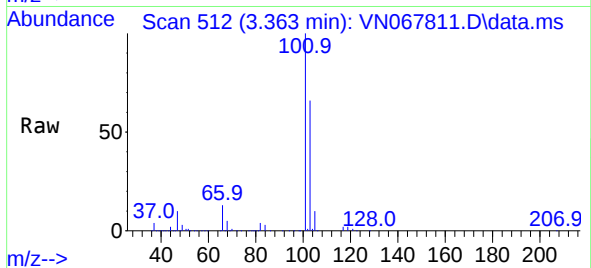
#7  
Trichlorofluoromethane  
Concen: 55.608 ug/l  
RT: 3.363 min Scan# 512  
Delta R.T. -0.002 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

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ClientSampleId :  
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Tgt Ion:101 Resp: 656370  
Ion Ratio Lower Upper  
101 100  
103 65.7 51.2 76.8

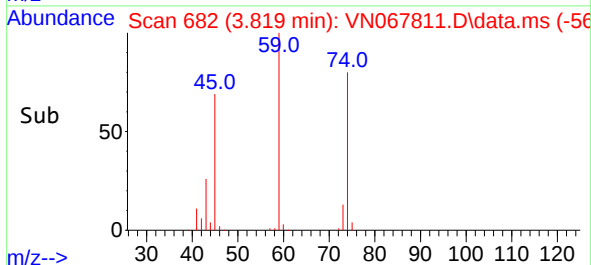
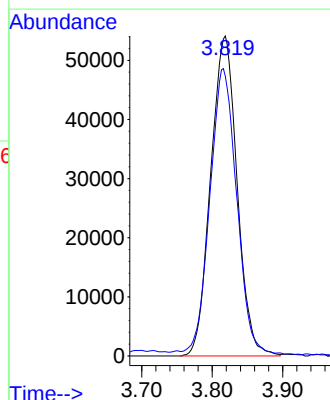
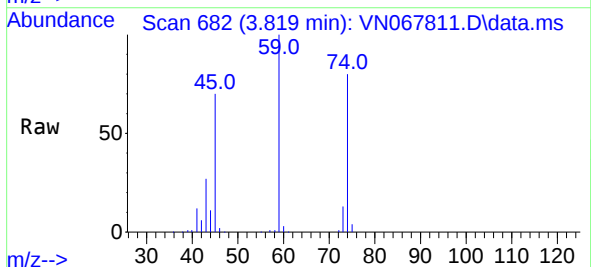
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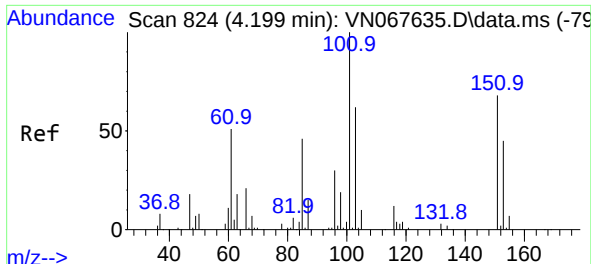
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7/21/2021 5:52:54 PM



#8  
Diethyl Ether  
Concen: 45.287 ug/l  
RT: 3.819 min Scan# 682  
Delta R.T. 0.006 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

Tgt Ion: 74 Resp: 140897  
Ion Ratio Lower Upper  
74 100  
45 90.2 50.2 150.7





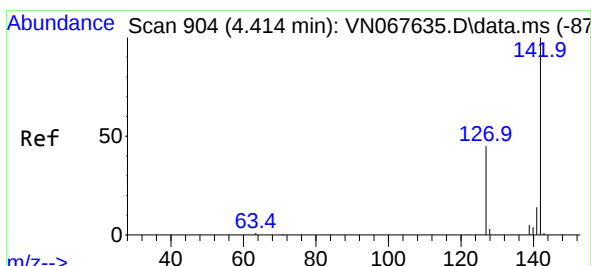
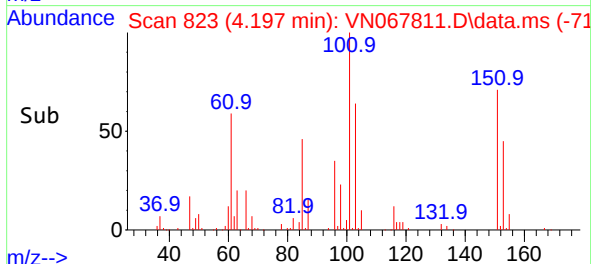
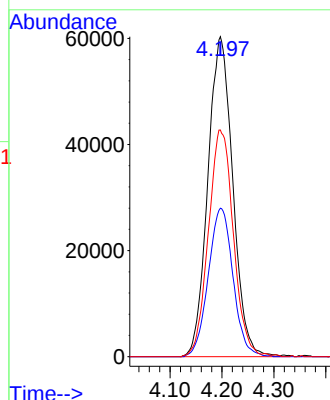
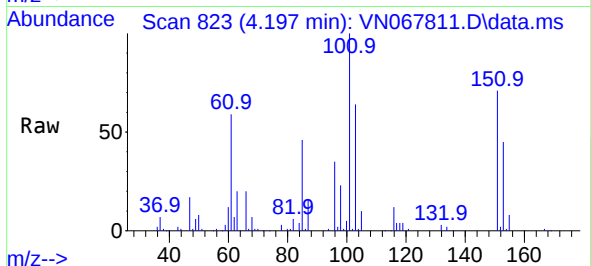
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 56.441 ug/l  
RT: 4.197 min Scan# 823  
Delta R.T. -0.002 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

Tgt Ion:101 Resp: 201213  
Ion Ratio Lower Upper  
101 100  
85 46.0 39.6 59.4  
151 70.9 54.1 81.1

Instrument :  
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ClientSampleId :  
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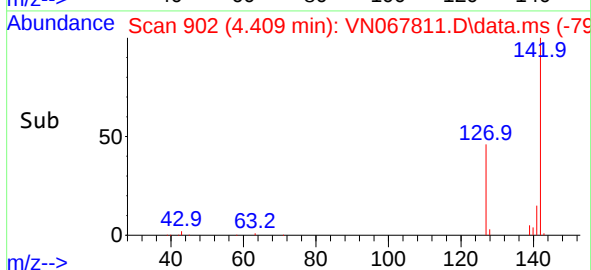
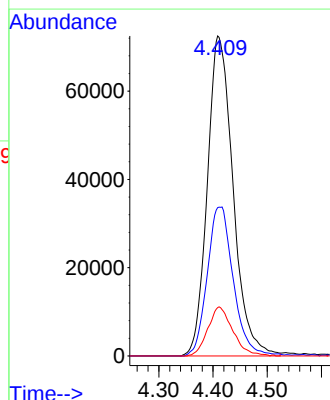
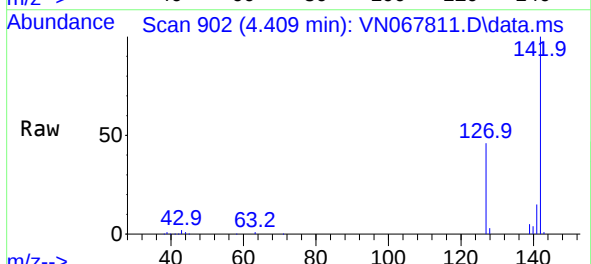
Manual Integrations  
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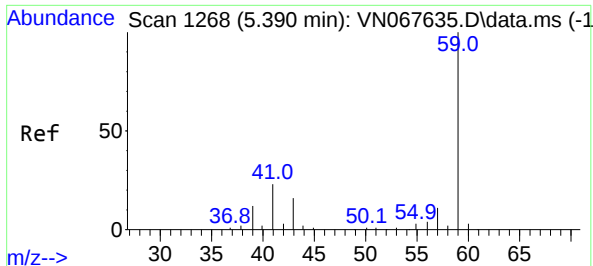
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#10  
Methyl Iodide  
Concen: 56.420 ug/l  
RT: 4.409 min Scan# 902  
Delta R.T. -0.005 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

Tgt Ion:142 Resp: 239605  
Ion Ratio Lower Upper  
142 100  
127 46.9 43.1 64.7  
141 14.9 11.4 17.0





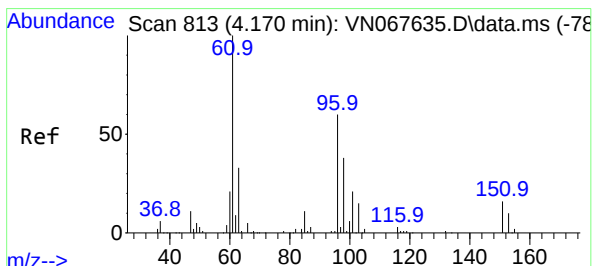
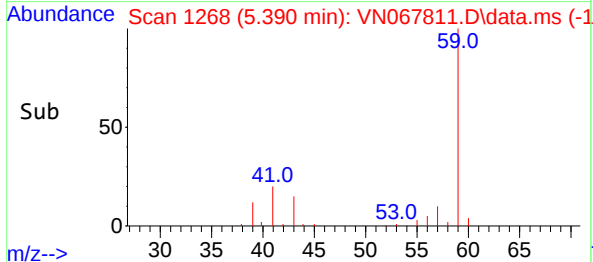
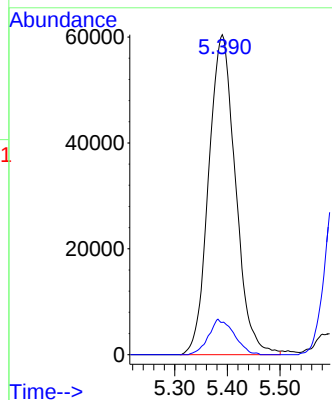
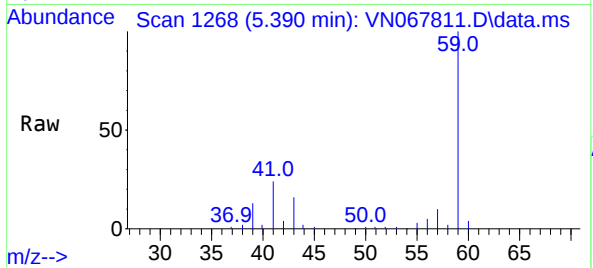
#11  
Tert butyl alcohol  
Concen: 256.216 ug/l  
RT: 5.390 min Scan# 1268  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

Tgt Ion: 59 Resp: 214043  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.7 13.1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

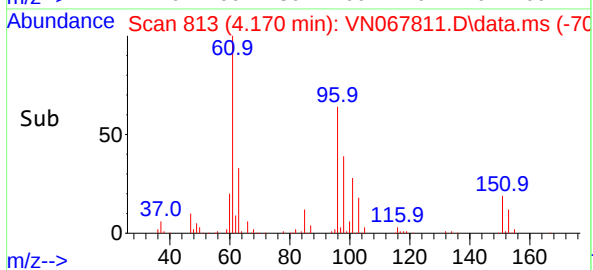
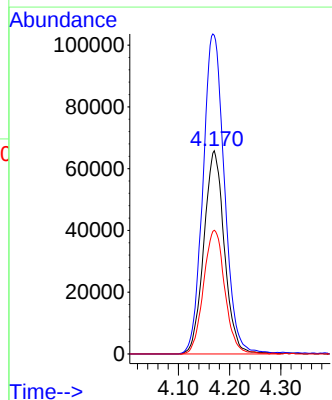
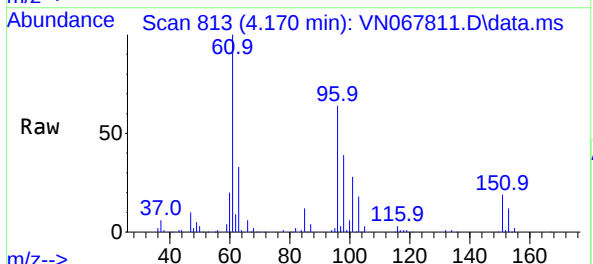
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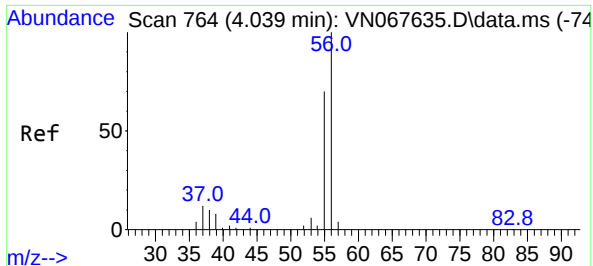
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#12  
1,1-Dichloroethene  
Concen: 53.668 ug/l  
RT: 4.170 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

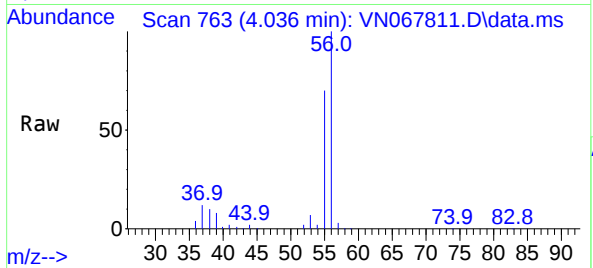
Tgt Ion: 96 Resp: 183565  
Ion Ratio Lower Upper  
96 100  
61 156.5 152.6 229.0  
98 60.9 50.9 76.3





#13  
Acrolein  
Concen: 376.637 ug/l  
RT: 4.036 min Scan# 763  
Delta R.T. -0.003 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

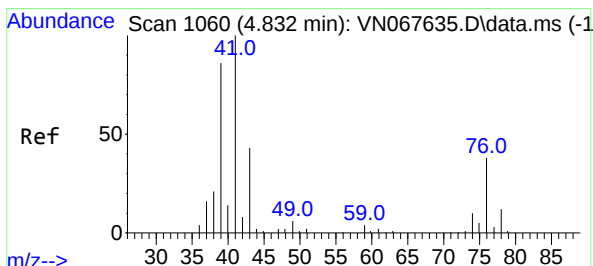
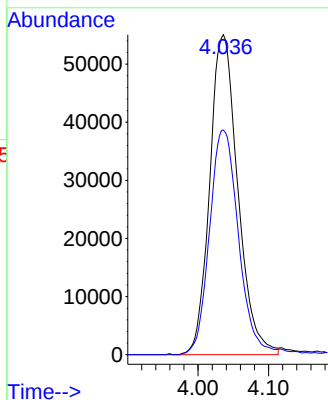
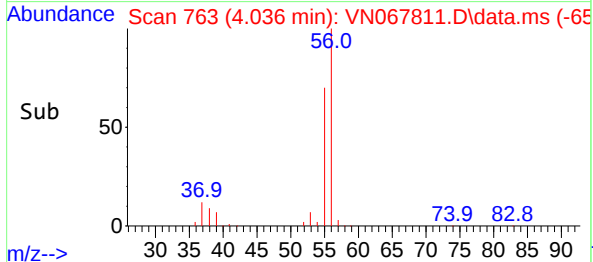
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



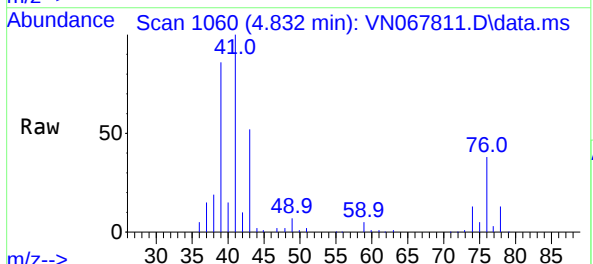
Tgt Ion: 56 Resp: 152530  
Ion Ratio Lower Upper  
56 100  
55 72.1 57.4 86.0

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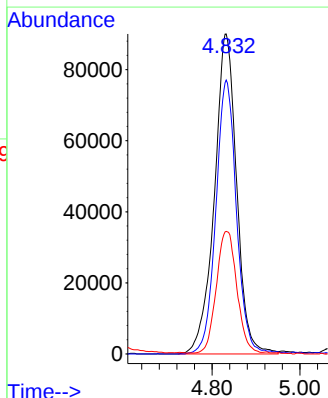
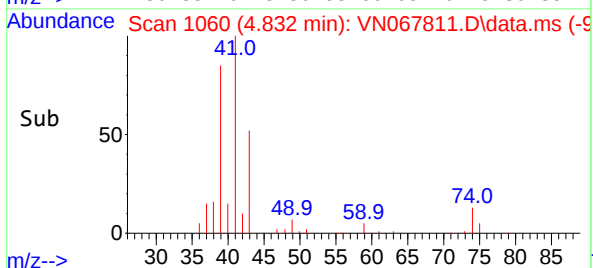
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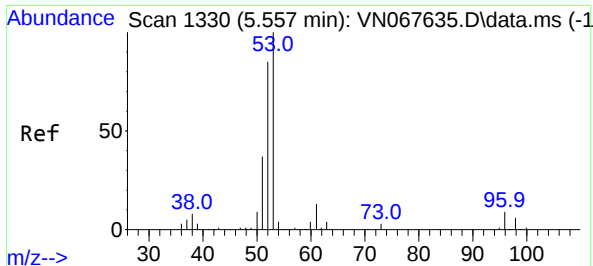


#14  
Allyl chloride  
Concen: 50.436 ug/l  
RT: 4.832 min Scan# 1060  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



Tgt Ion: 41 Resp: 317109  
Ion Ratio Lower Upper  
41 100  
39 78.9 60.9 91.3  
76 34.8 24.3 36.5





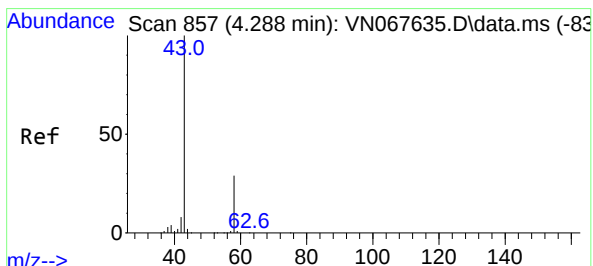
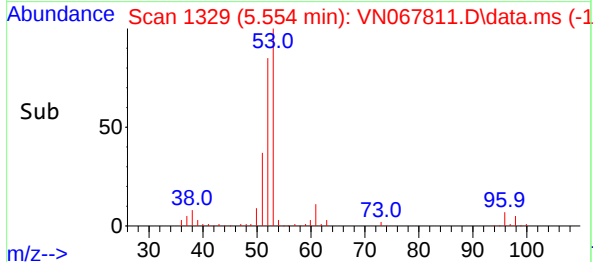
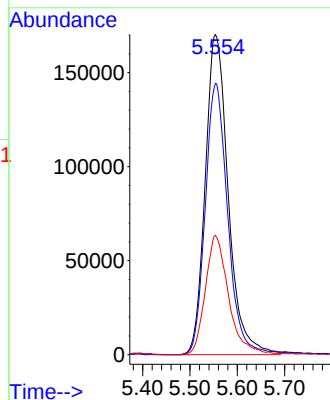
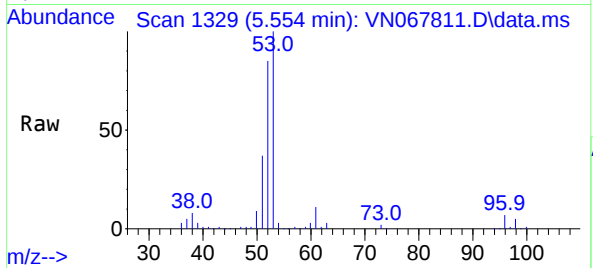
#15  
Acrylonitrile  
Concen: 277.997 ug/l  
RT: 5.554 min Scan# 1329  
Delta R.T. -0.003 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

Tgt Ion: 53 Resp: 576023  
Ion Ratio Lower Upper  
53 100  
52 82.7 66.2 99.2  
51 37.4 30.2 45.4

Instrument :  
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ClientSampleId :  
VSTDCCC050

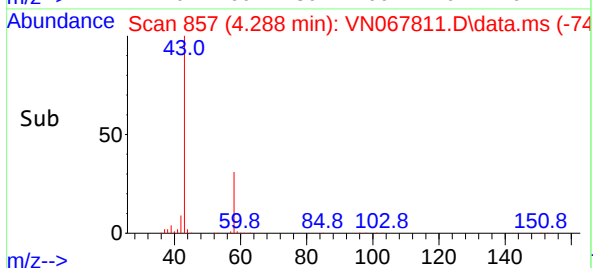
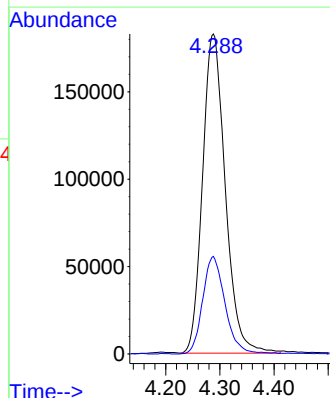
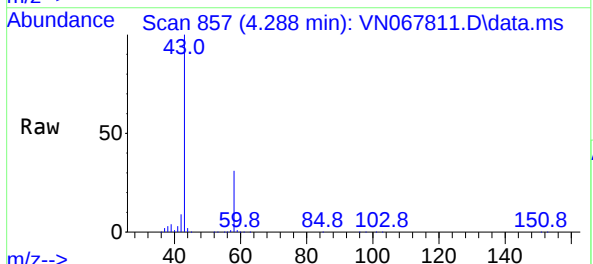
Manual Integrations  
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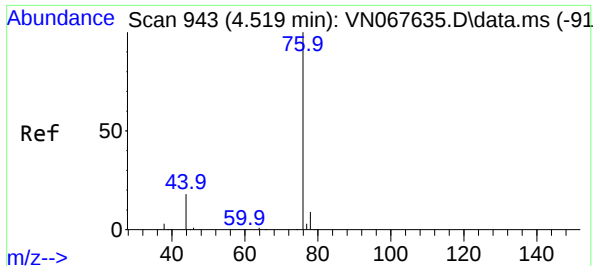
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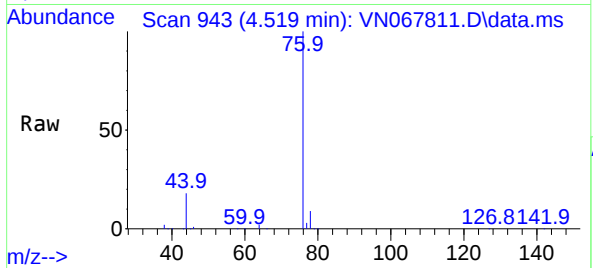
#16  
Acetone  
Concen: 291.342 ug/l  
RT: 4.288 min Scan# 857  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

Tgt Ion: 43 Resp: 532944  
Ion Ratio Lower Upper  
43 100  
58 30.4 21.2 31.8

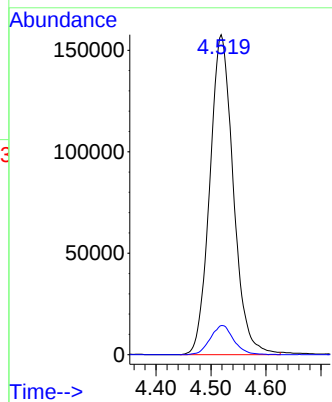
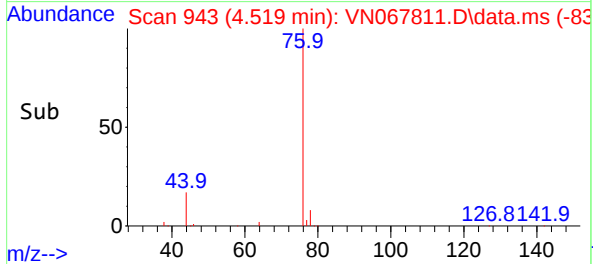




#17  
Carbon Disulfide  
Concen: 49.524 ug/l  
RT: 4.519 min Scan# 943  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



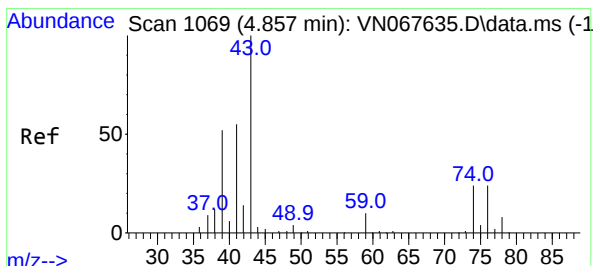
Tgt Ion: 76 Resp: 469216  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.7 11.5



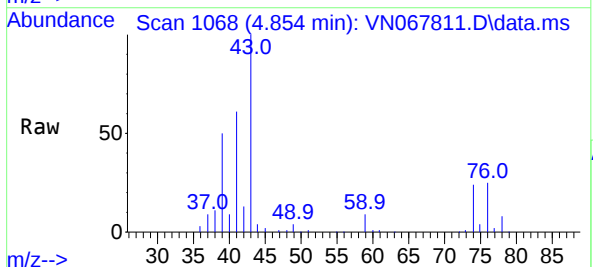
Instrument :  
MSVOA\_N  
ClientSampleId :  
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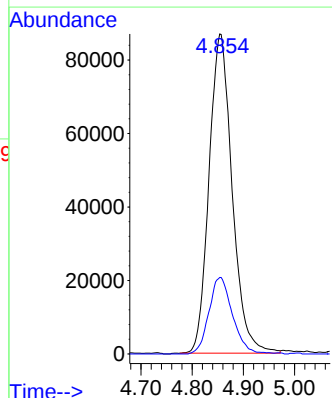
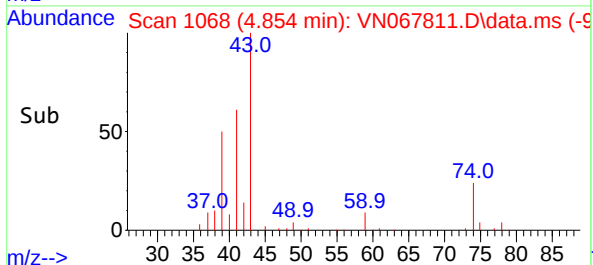
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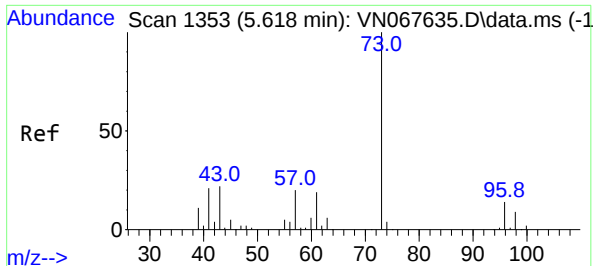


#18  
Methyl Acetate  
Concen: 53.096 ug/l  
RT: 4.854 min Scan# 1068  
Delta R.T. -0.003 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



Tgt Ion: 43 Resp: 272807  
Ion Ratio Lower Upper  
43 100  
74 24.5 17.4 26.0





#19

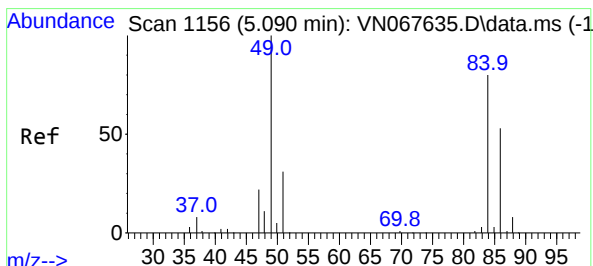
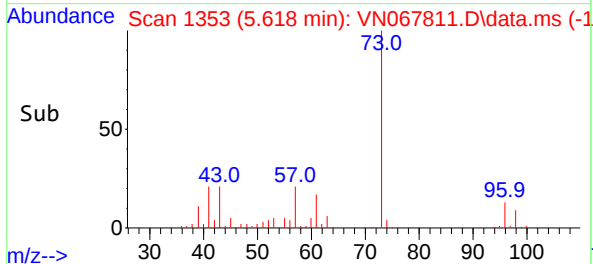
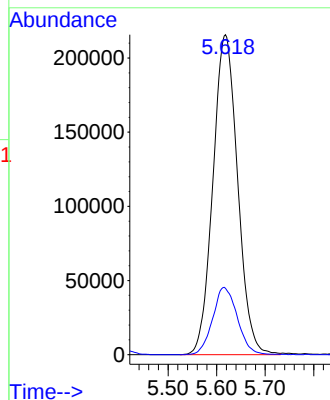
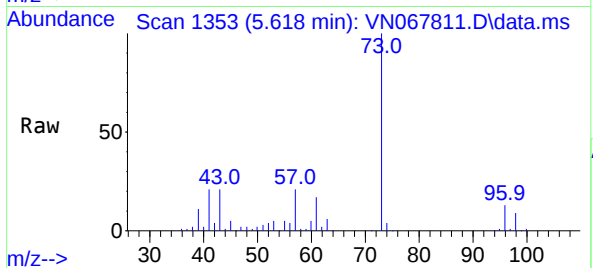
Methyl tert-butyl Ether  
Concen: 53.810 ug/l  
RT: 5.618 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

Tgt Ion: 73 Resp: 762688  
Ion Ratio Lower Upper  
73 100  
57 20.8 17.0 25.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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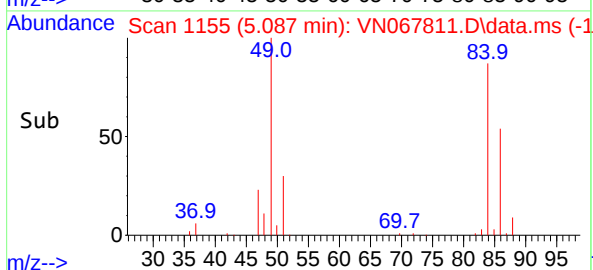
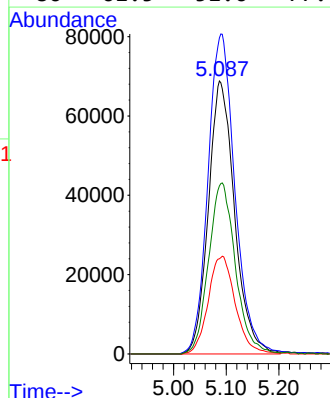
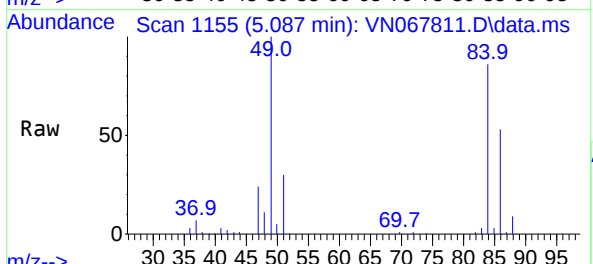
MMDadoda  
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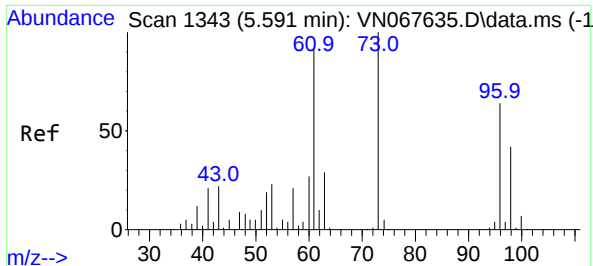


#20

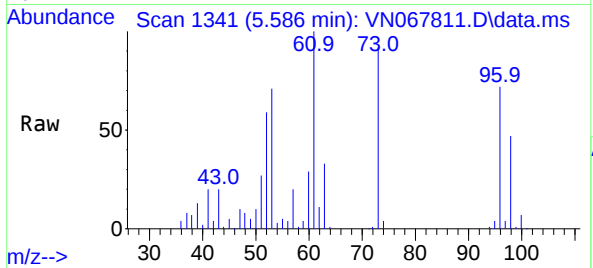
Methylene Chloride  
Concen: 55.837 ug/l  
RT: 5.087 min Scan# 1155  
Delta R.T. -0.003 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

Tgt Ion: 84 Resp: 238098  
Ion Ratio Lower Upper  
84 100  
49 115.7 110.9 166.3  
51 34.9 32.6 49.0  
86 61.5 51.6 77.4

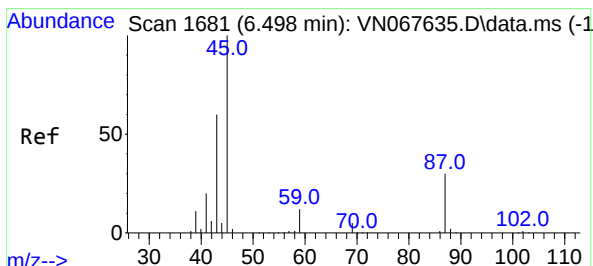
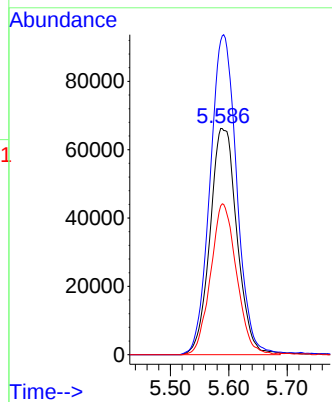
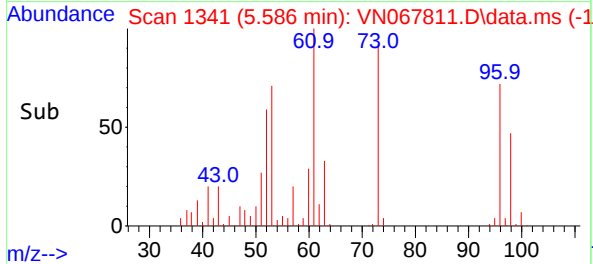




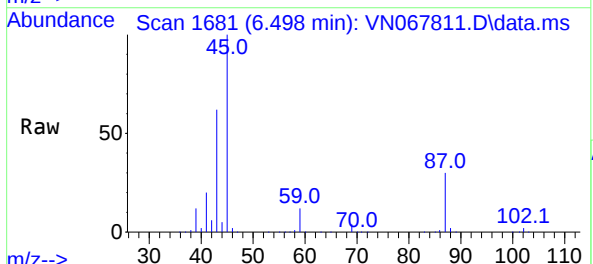
#21  
trans-1,2-Dichloroethene  
Concen: 52.539 ug/l  
RT: 5.586 min Scan# 1341  
Delta R.T. -0.005 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



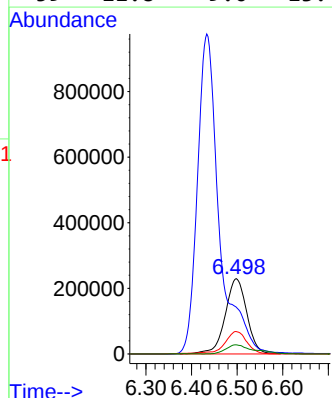
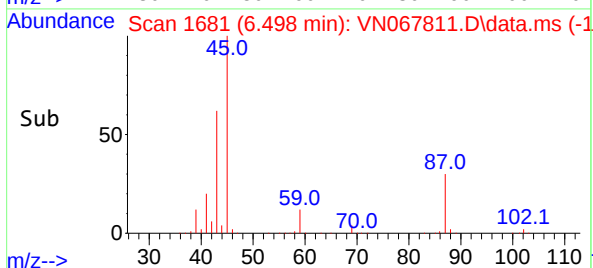
Tgt Ion: 96 Resp: 212465  
Ion Ratio Lower Upper  
96 100  
61 138.7 123.5 185.3  
98 65.8 48.6 72.8



#22  
Diisopropyl ether  
Concen: 53.033 ug/l  
RT: 6.498 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



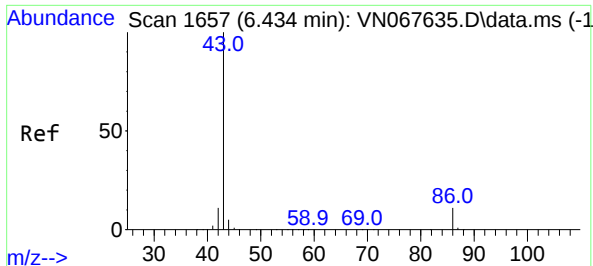
Tgt Ion: 45 Resp: 756642  
Ion Ratio Lower Upper  
45 100  
43 60.3 49.4 74.2  
87 29.5 20.9 31.3  
59 11.8 9.0 13.4



Instrument :  
MSVOA\_N  
ClientSampleId :  
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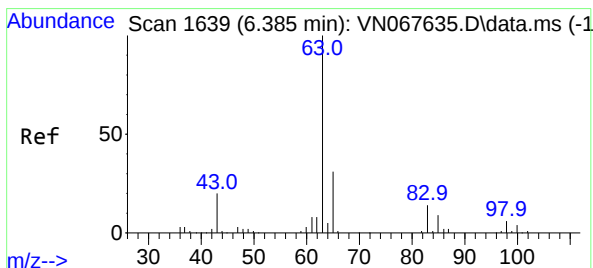
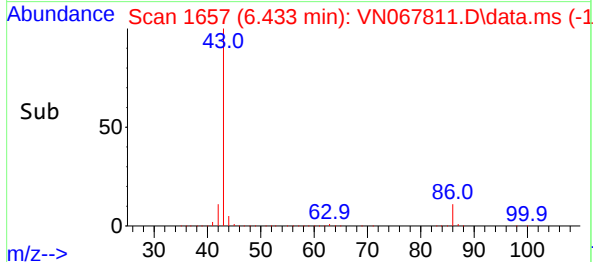
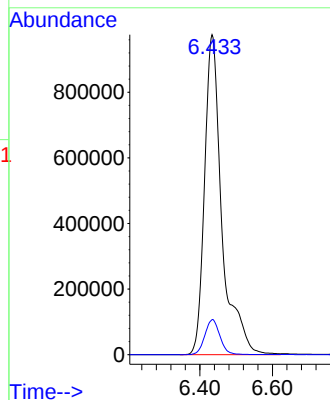
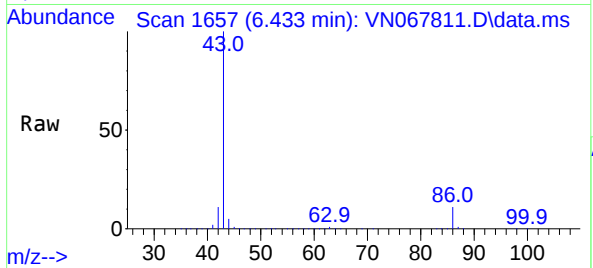
#23  
 Vinyl Acetate  
 Concen: 265.803 ug/l  
 RT: 6.433 min Scan# 1657  
 Delta R.T. -0.001 min  
 Lab File: VN067811.D  
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Tgt Ion: 43 Resp: 3242208  
 Ion Ratio Lower Upper  
 43 100  
 86 10.9 7.3 10.9#

Instrument :  
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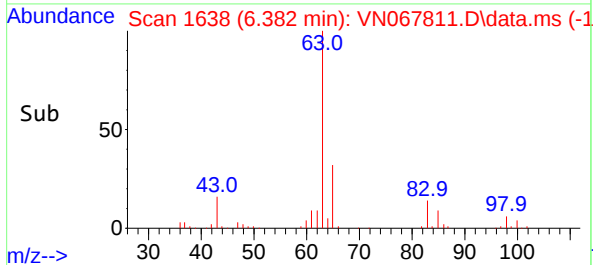
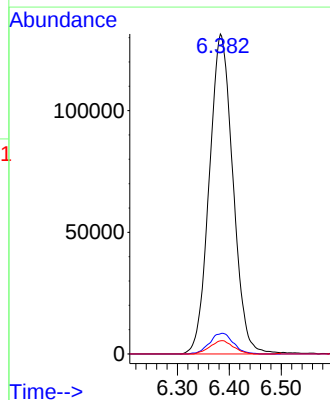
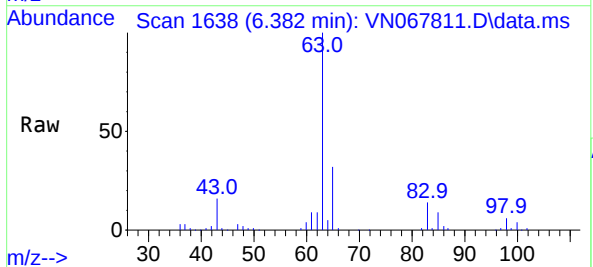
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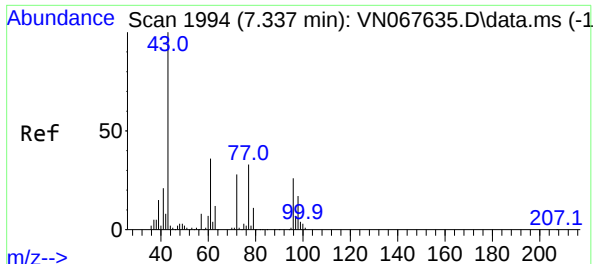
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#24  
 1,1-Dichloroethane  
 Concen: 52.300 ug/l  
 RT: 6.382 min Scan# 1638  
 Delta R.T. -0.003 min  
 Lab File: VN067811.D  
 Acq: 20 Jul 2021 12:12

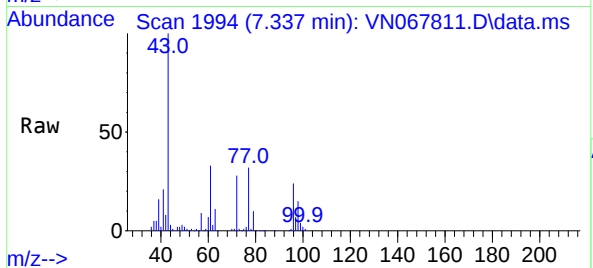
Tgt Ion: 63 Resp: 415981  
 Ion Ratio Lower Upper  
 63 100  
 98 6.3 3.0 9.0  
 100 4.1 1.9 5.7





#25  
2-Butanone  
Concen: 274.753 ug/l  
RT: 7.337 min Scan# 1994  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

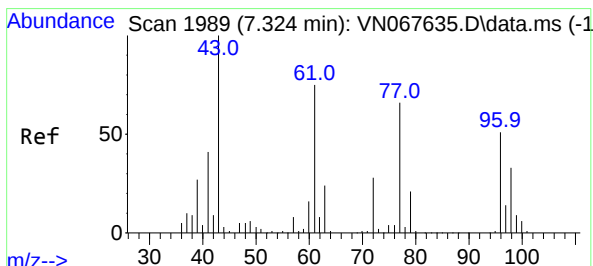
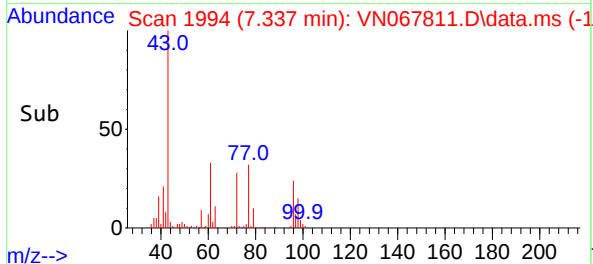
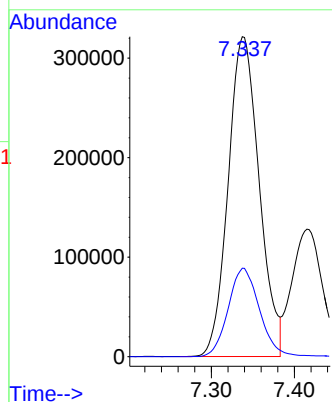
Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion: 43 Resp: 834583  
Ion Ratio Lower Upper  
43 100  
72 27.6 19.7 29.5

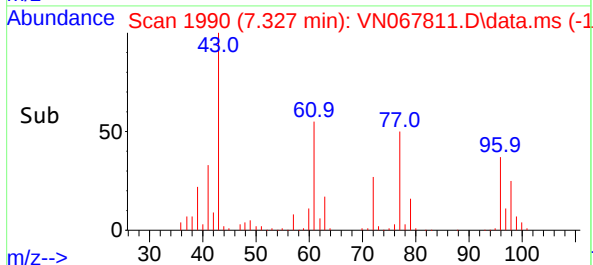
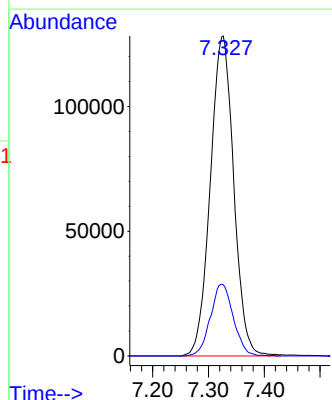
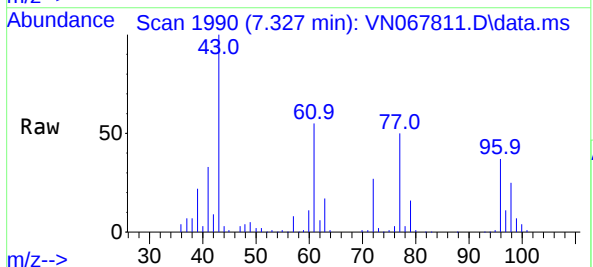
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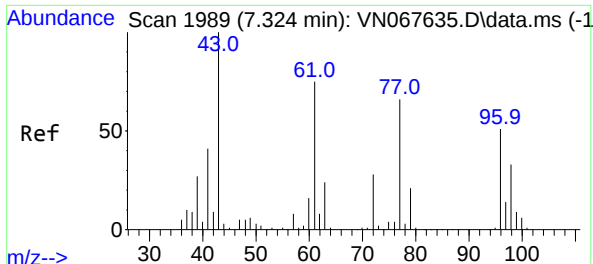
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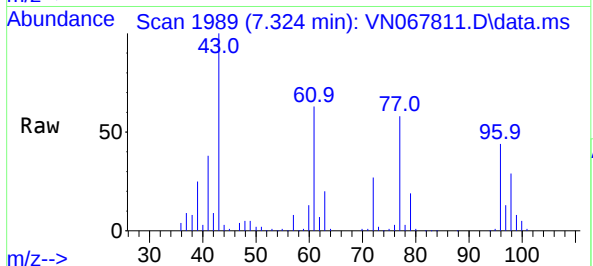
#26  
2,2-Dichloropropane  
Concen: 53.723 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. 0.003 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

Tgt Ion: 77 Resp: 373421  
Ion Ratio Lower Upper  
77 100  
97 21.9 9.8 29.3

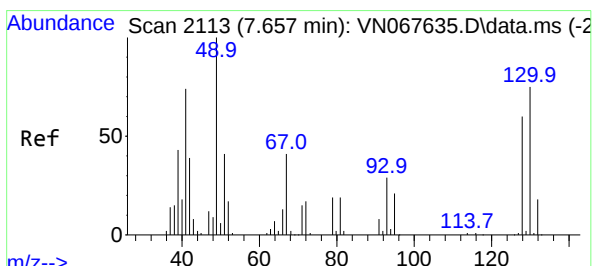
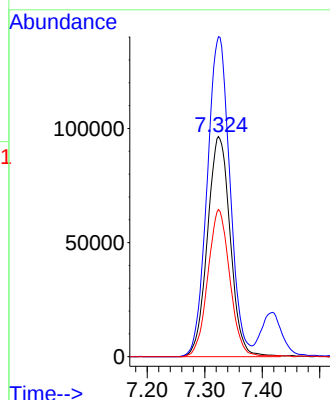
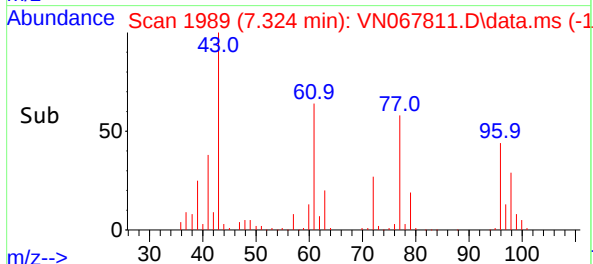




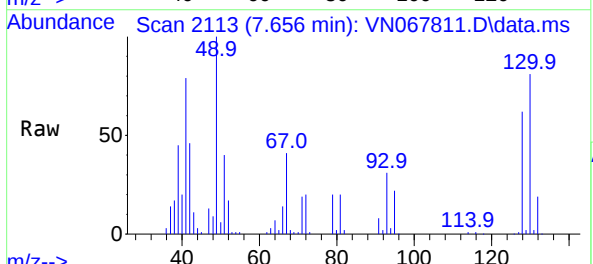
#27  
 cis-1,2-Dichloroethene  
 Concen: 52.529 ug/l  
 RT: 7.324 min Scan# 1989  
 Delta R.T. -0.000 min  
 Lab File: VN067811.D  
 Acq: 20 Jul 2021 12:12



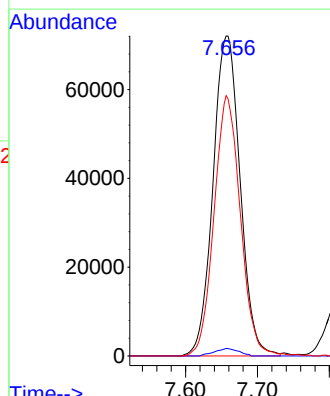
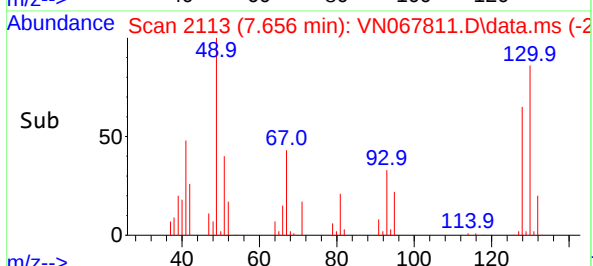
Tgt Ion: 96 Resp: 265831  
 Ion Ratio Lower Upper  
 96 100  
 61 144.9 0.0 338.8  
 98 64.4 0.0 129.8



#28  
 Bromochloromethane  
 Concen: 48.622 ug/l  
 RT: 7.656 min Scan# 2113  
 Delta R.T. -0.001 min  
 Lab File: VN067811.D  
 Acq: 20 Jul 2021 12:12



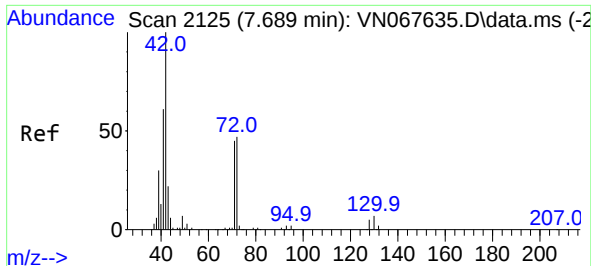
Tgt Ion: 49 Resp: 188710  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 3.8  
 130 78.8 49.7 74.5#



Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

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#29

Tetrahydrofuran

Concen: 266.715 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. -0.003 min

Lab File: VN067811.D

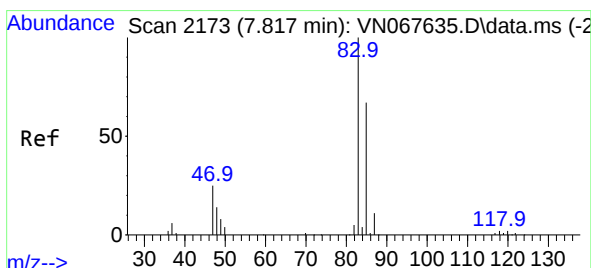
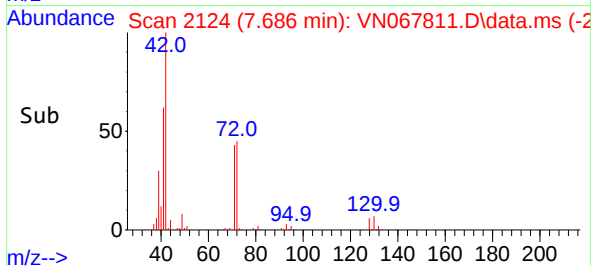
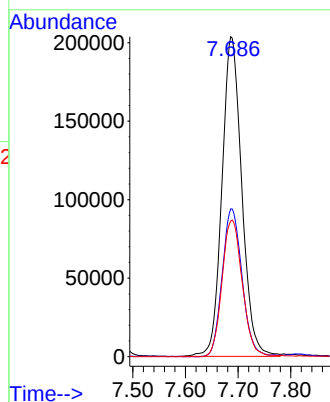
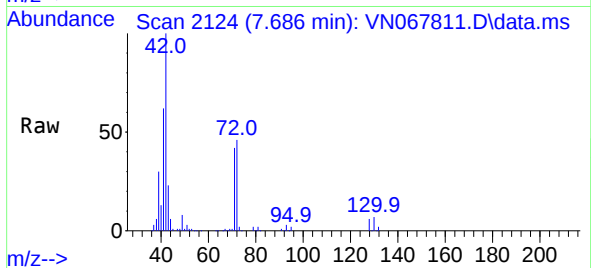
Acq: 20 Jul 2021 12:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 532780 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 46.2  | 32.8  | 49.2   |
| 71       | 43.9  | 31.2  | 46.8   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

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#30

Chloroform

Concen: 52.798 ug/l

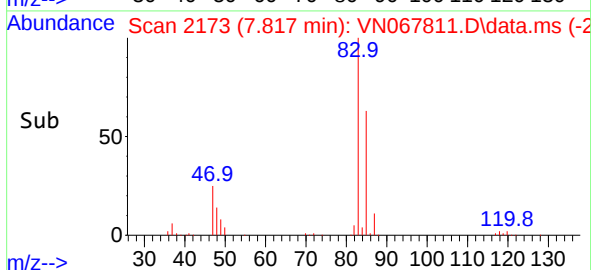
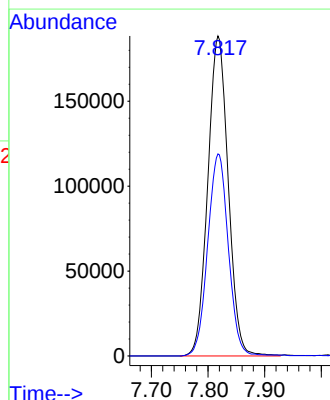
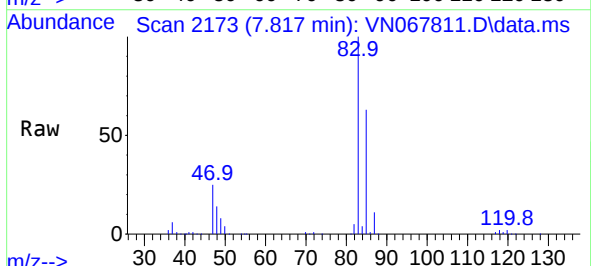
RT: 7.817 min Scan# 2173

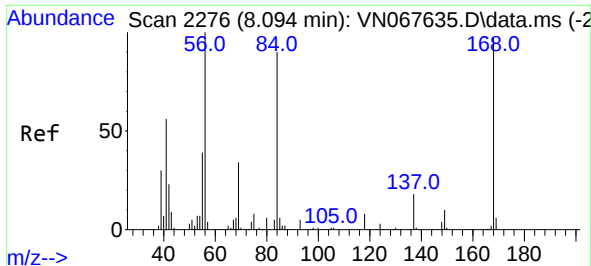
Delta R.T. 0.000 min

Lab File: VN067811.D

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 471704 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 63.1  | 51.5  | 77.3   |





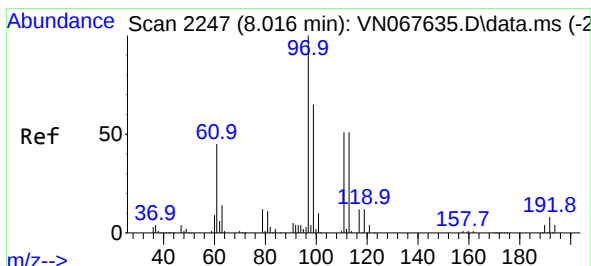
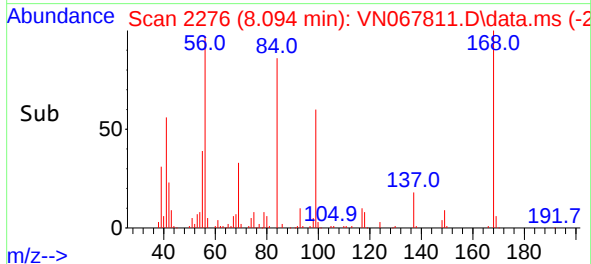
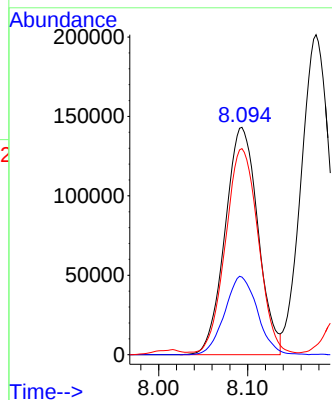
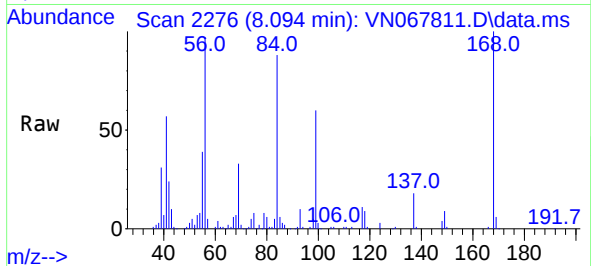
#31  
Cyclohexane  
Concen: 45.198 ug/l  
RT: 8.094 min Scan# 2276  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
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Tgt Ion: 56 Resp: 368432  
Ion Ratio Lower Upper  
56 100  
69 34.1 27.3 40.9  
84 89.2 64.9 97.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

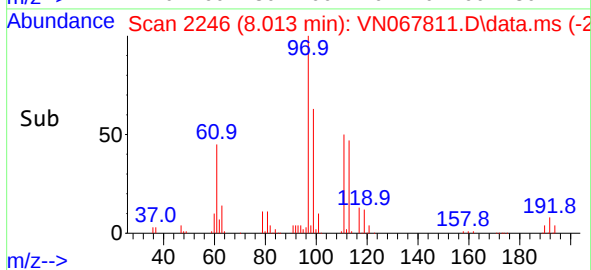
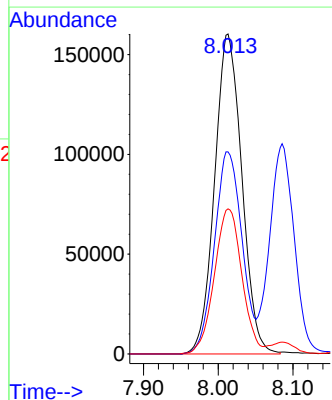
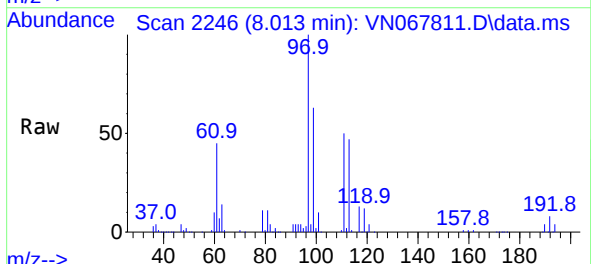
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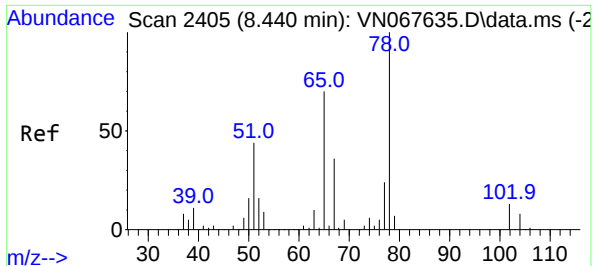
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#32  
1,1,1-Trichloroethane  
Concen: 52.384 ug/l  
RT: 8.013 min Scan# 2246  
Delta R.T. -0.003 min  
Lab File: VN067811.D  
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Tgt Ion: 97 Resp: 405809  
Ion Ratio Lower Upper  
97 100  
99 64.1 50.2 75.2  
61 46.0 38.2 57.2





#33

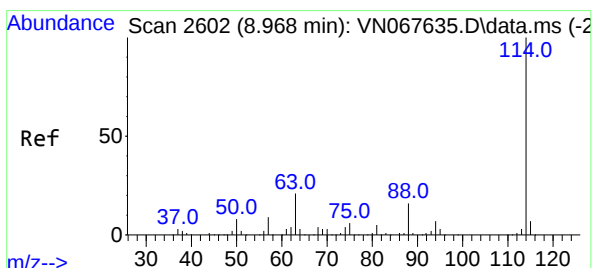
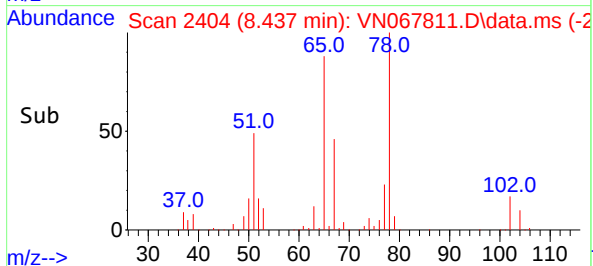
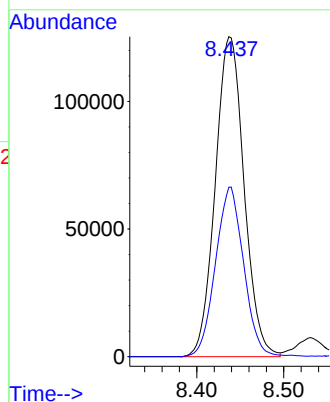
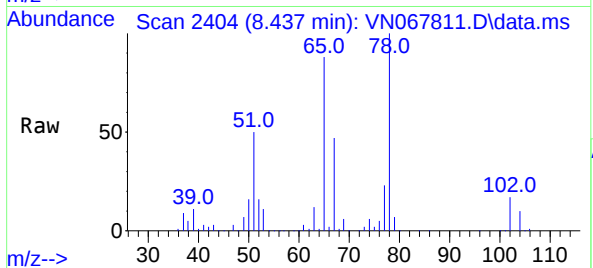
1,2-Dichloroethane-d4  
Concen: 49.638 ug/l  
RT: 8.437 min Scan# 2404  
Delta R.T. -0.003 min  
Lab File: VN067811.D  
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Tgt Ion: 65 Resp: 288573  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 98.6

Instrument :  
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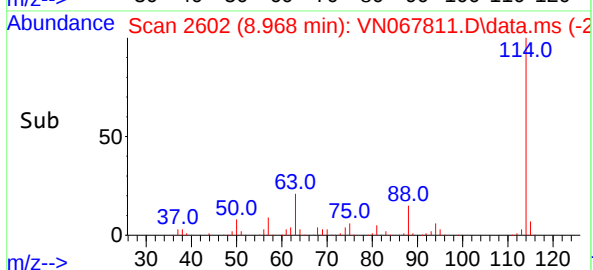
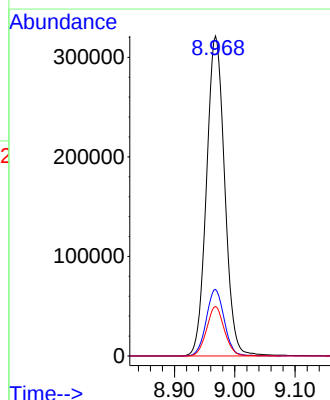
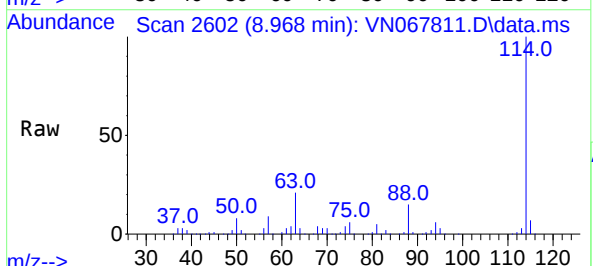
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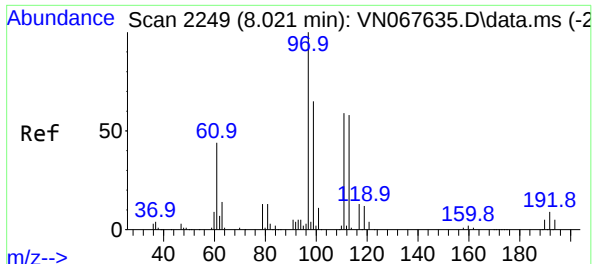


#34

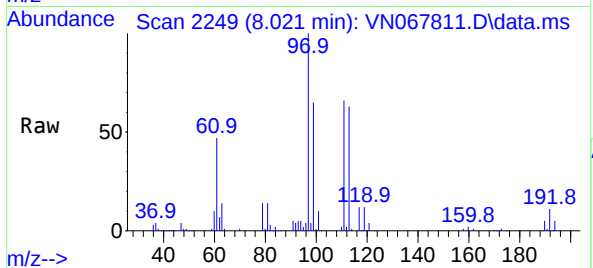
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
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Tgt Ion: 114 Resp: 673276  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 49.0  
88 15.5 0.0 36.6

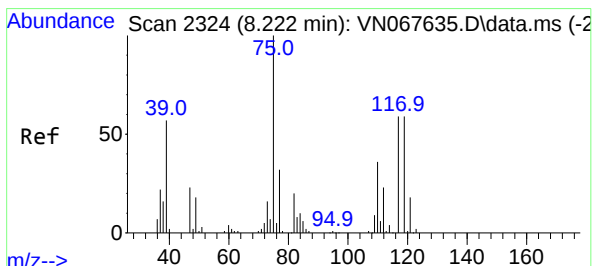
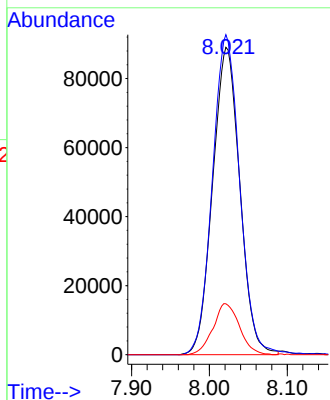
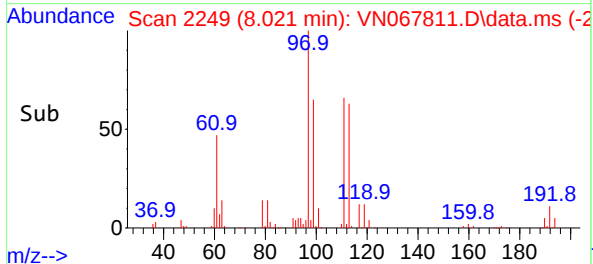




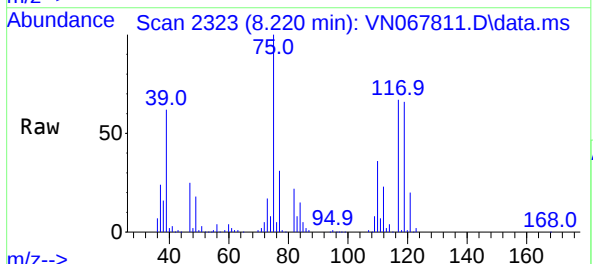
#35  
Dibromofluoromethane  
Concen: 53.074 ug/l  
RT: 8.021 min Scan# 2249  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



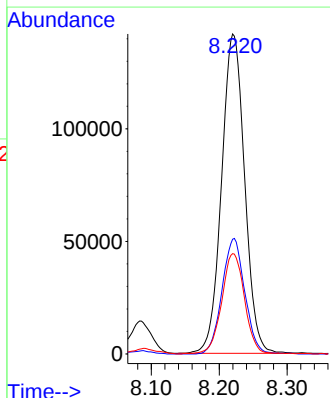
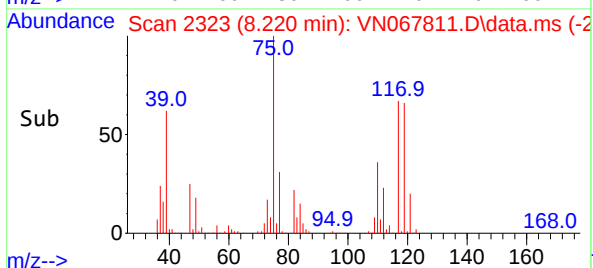
Tgt Ion: 113 Resp: 215891  
Ion Ratio Lower Upper  
113 100  
111 104.5 83.8 125.8  
192 16.2 13.4 20.0



#36  
1,1-Dichloropropene  
Concen: 53.402 ug/l  
RT: 8.220 min Scan# 2323  
Delta R.T. -0.002 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



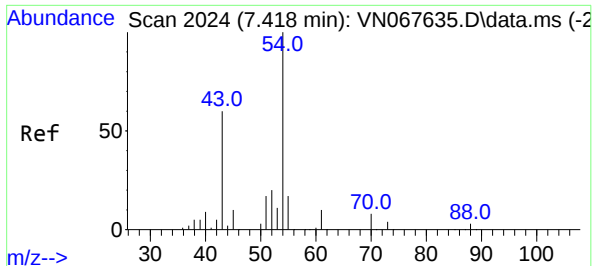
Tgt Ion: 75 Resp: 333979  
Ion Ratio Lower Upper  
75 100  
110 35.7 15.7 47.0  
77 31.2 24.6 37.0



Instrument :  
MSVOA\_N  
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#37

Ethyl Acetate

Concen: 55.146 ug/l

RT: 7.415 min Scan# 2023

Delta R.T. -0.003 min

Lab File: VN067811.D

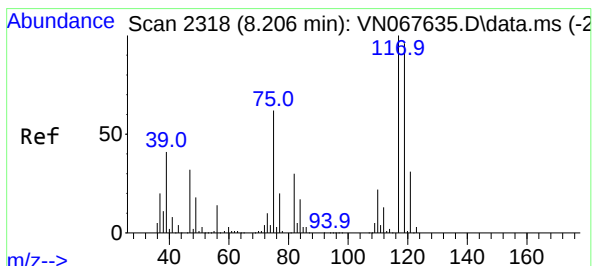
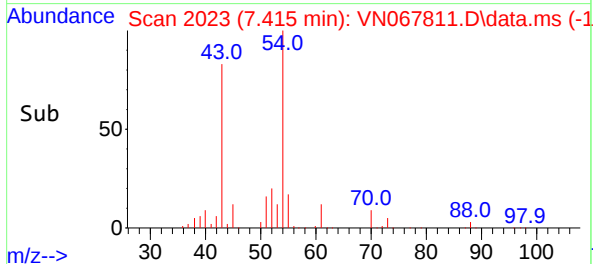
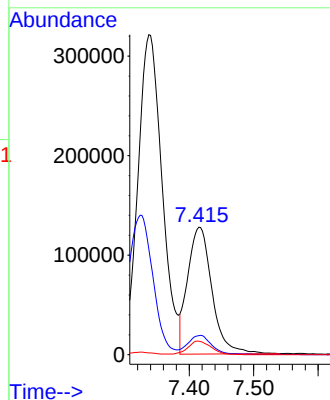
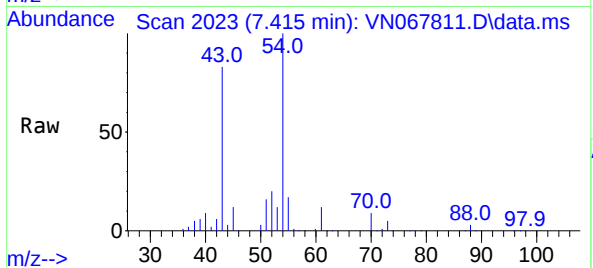
Acq: 20 Jul 2021 12:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 334169 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 14.2  | 10.6  | 16.0   |
| 70       | 10.2  | 8.1   | 12.1   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

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#38

Carbon Tetrachloride

Concen: 55.953 ug/l

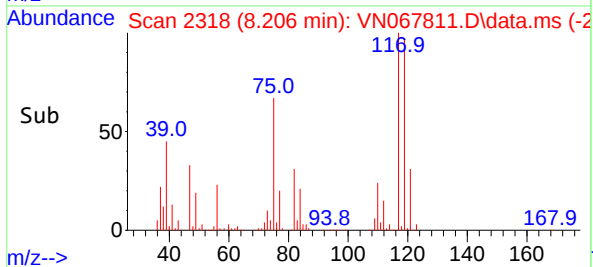
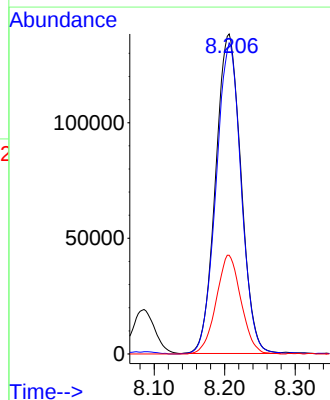
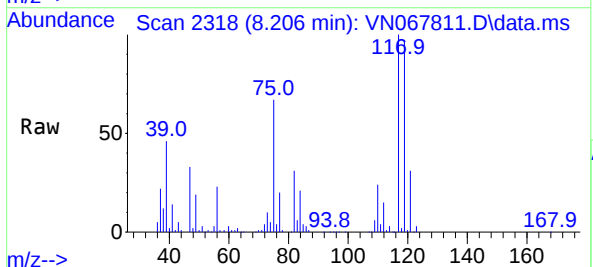
RT: 8.206 min Scan# 2318

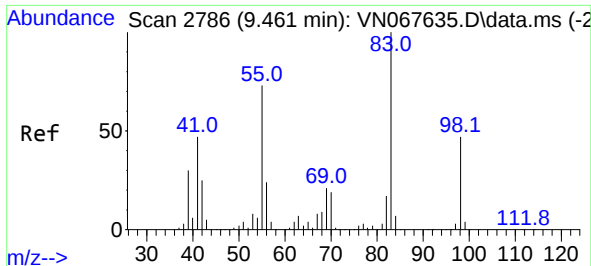
Delta R.T. 0.000 min

Lab File: VN067811.D

Acq: 20 Jul 2021 12:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 345172 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.3  | 75.4  | 113.2  |
| 121      | 30.9  | 23.5  | 35.3   |





#39

Methylcyclohexane

Concen: 54.293 ug/l

RT: 9.459 min Scan# 2785

Delta R.T. -0.002 min

Lab File: VN067811.D

Acq: 20 Jul 2021 12:12

Tgt Ion: 83 Resp: 371719

Ion Ratio Lower Upper

83 100

55 74.0 66.6 99.8

98 44.9 35.3 52.9

Instrument :

MSVOA\_N

ClientSampleId :

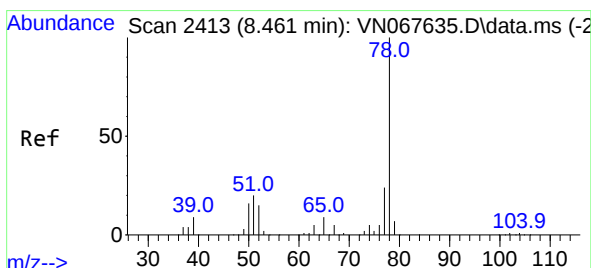
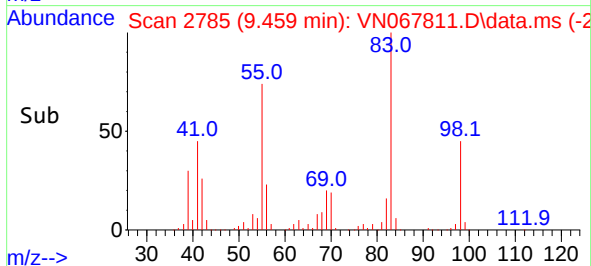
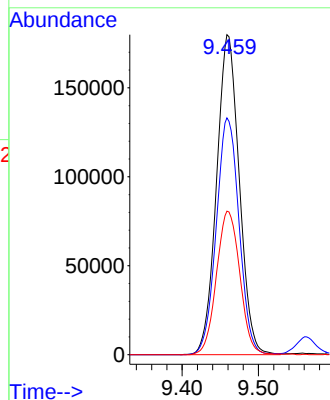
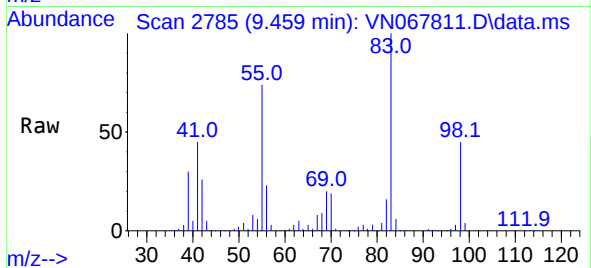
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Manual Integrations

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#40

Benzene

Concen: 54.005 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.003 min

Lab File: VN067811.D

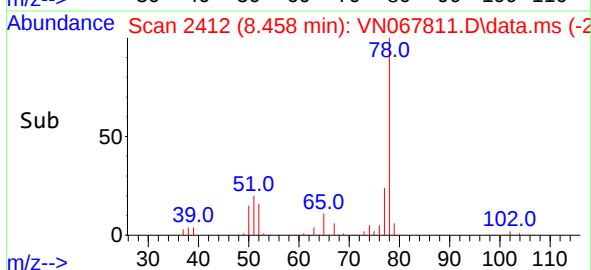
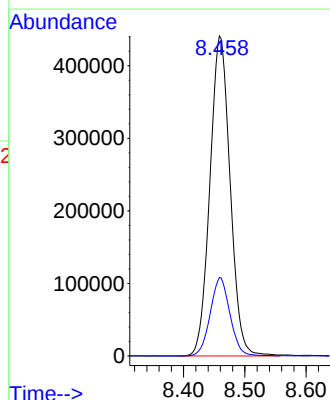
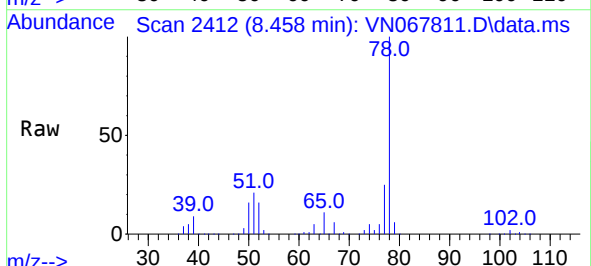
Acq: 20 Jul 2021 12:12

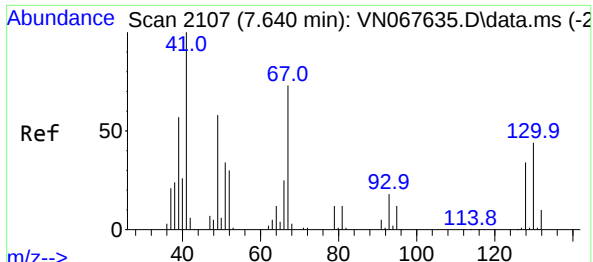
Tgt Ion: 78 Resp: 1011005

Ion Ratio Lower Upper

78 100

77 24.5 18.9 28.3





#41  
Methacrylonitrile  
Concen: 53.438 ug/l  
RT: 7.638 min Scan# 2106  
Delta R.T. -0.002 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

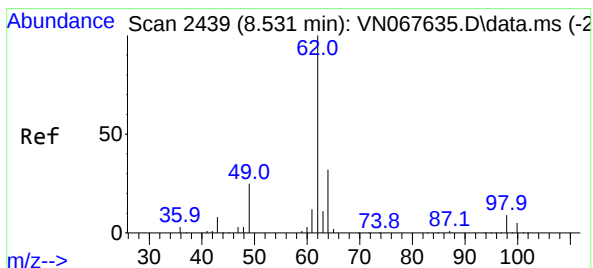
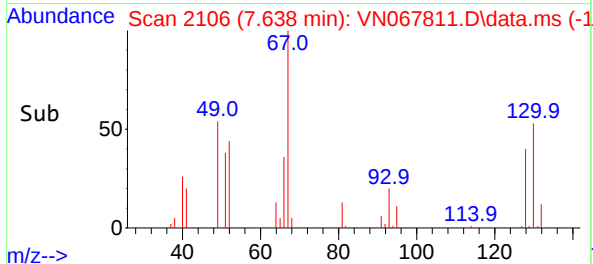
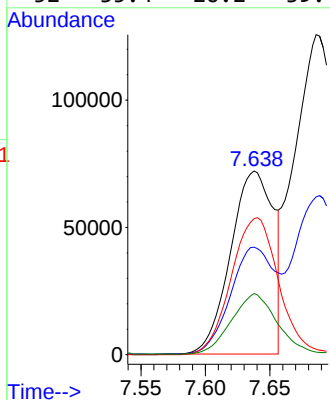
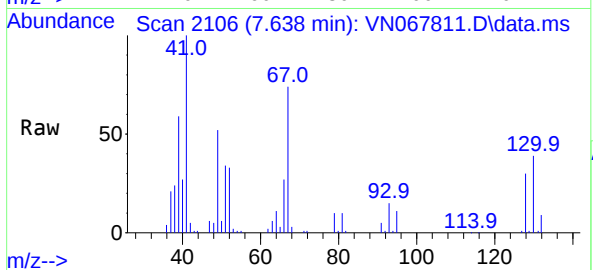
Tgt Ion: 41 Resp: 166428

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 61.7  | 47.6  | 71.4  |
| 67  | 83.2  | 57.7  | 86.5  |
| 52  | 35.4  | 26.2  | 39.4  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

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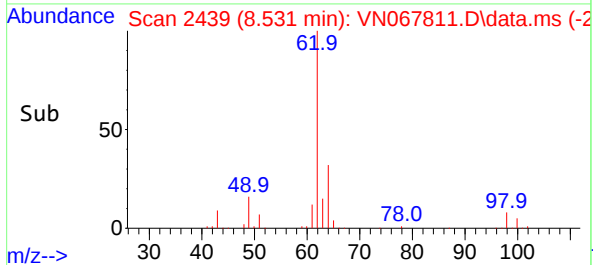
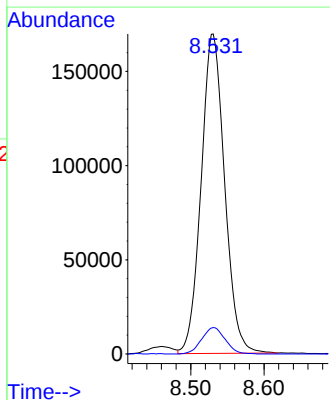
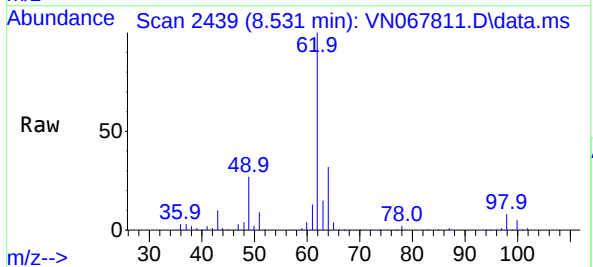
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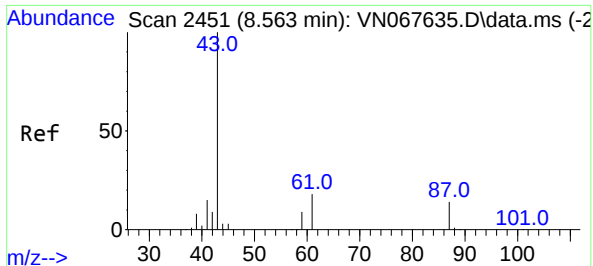


#42  
1,2-Dichloroethane  
Concen: 54.353 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

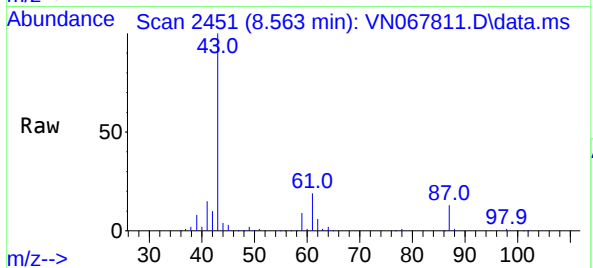
Tgt Ion: 62 Resp: 377865

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.3   | 0.0   | 14.2  |

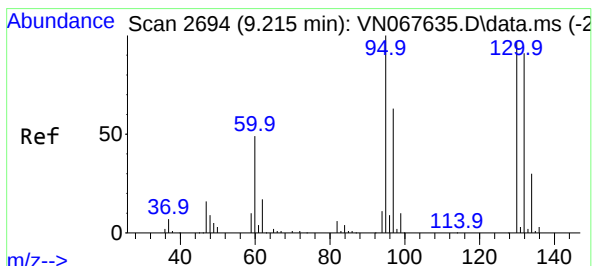
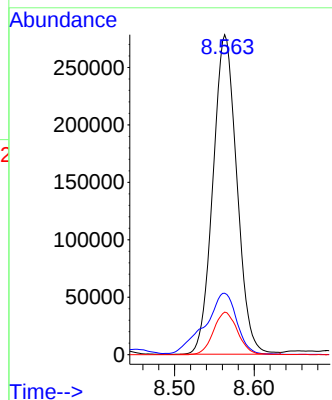
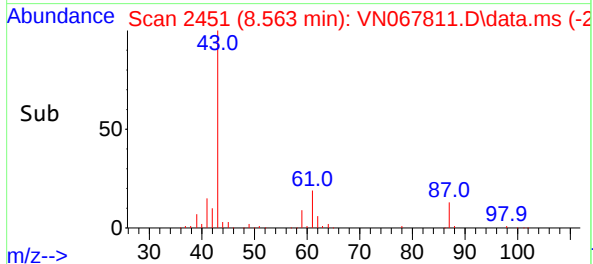




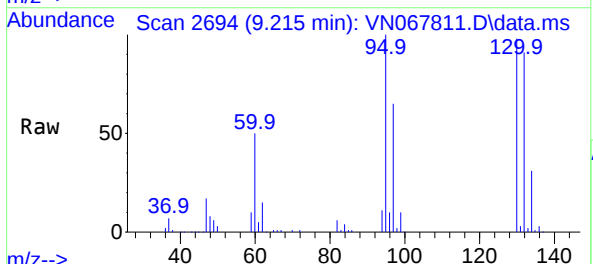
#43  
Isopropyl Acetate  
Concen: 54.496 ug/l  
RT: 8.563 min Scan# 2451  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



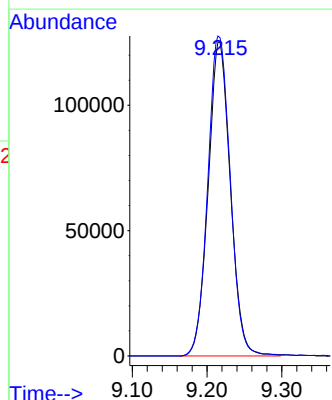
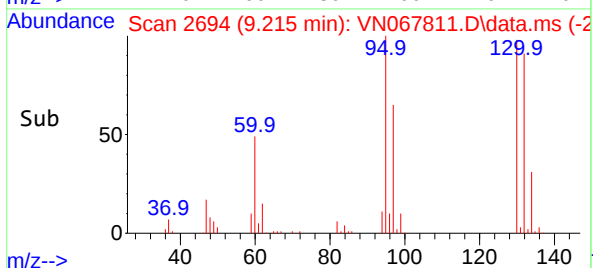
Tgt Ion: 43 Resp: 580889  
Ion Ratio Lower Upper  
43 100  
61 25.2 19.0 28.4  
87 13.5 9.5 14.3



#44  
Trichloroethene  
Concen: 54.347 ug/l  
RT: 9.215 min Scan# 2694  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



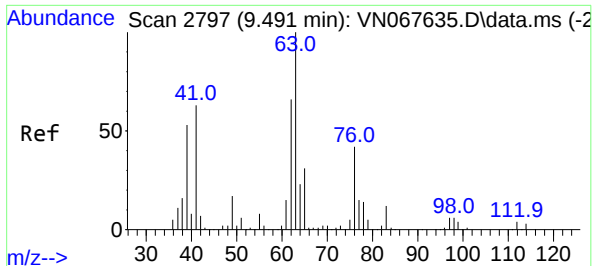
Tgt Ion: 130 Resp: 258202  
Ion Ratio Lower Upper  
130 100  
95 101.9 0.0 234.4



Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

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#45

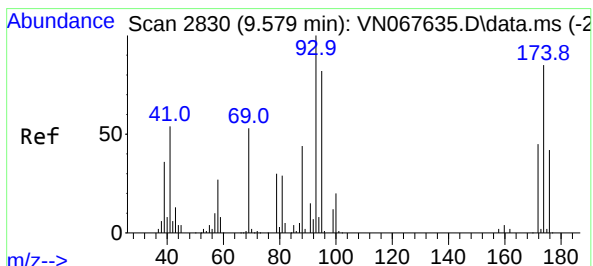
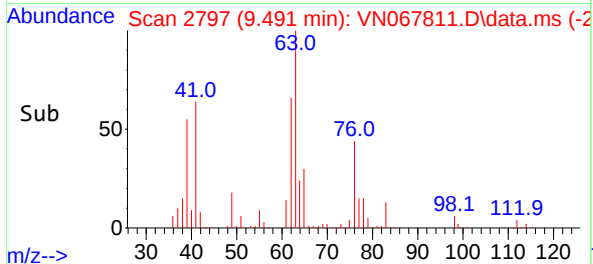
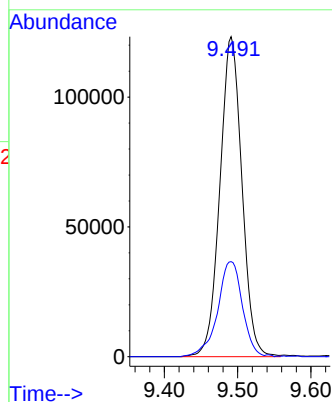
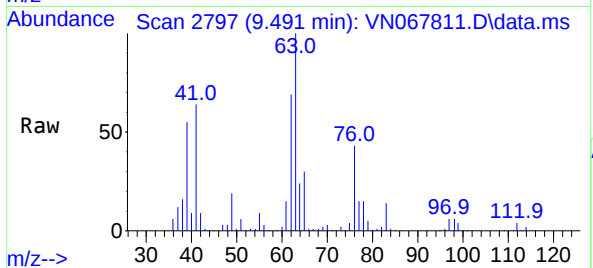
1,2-Dichloropropane  
Concen: 54.220 ug/l  
RT: 9.491 min Scan# 2797  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

Tgt Ion: 63 Resp: 256987  
Ion Ratio Lower Upper  
63 100  
65 29.7 24.3 36.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

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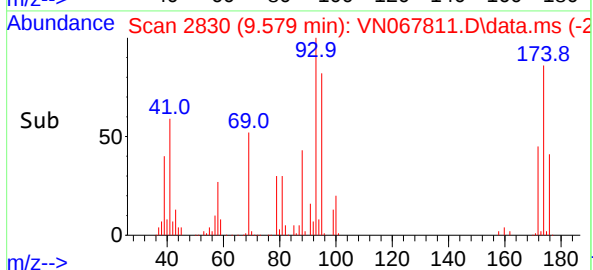
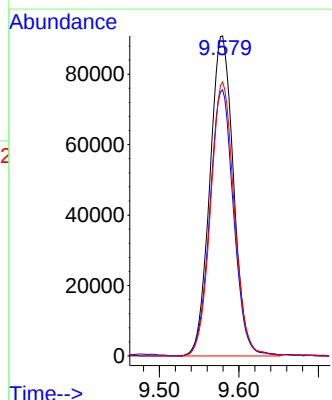
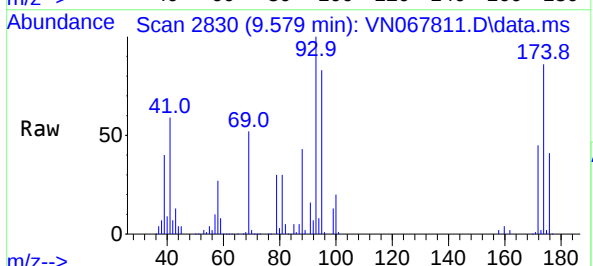
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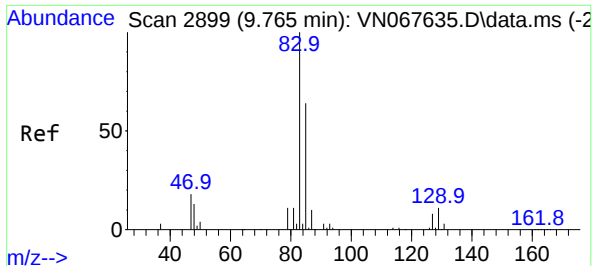


#46

Dibromomethane  
Concen: 56.028 ug/l  
RT: 9.579 min Scan# 2830  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

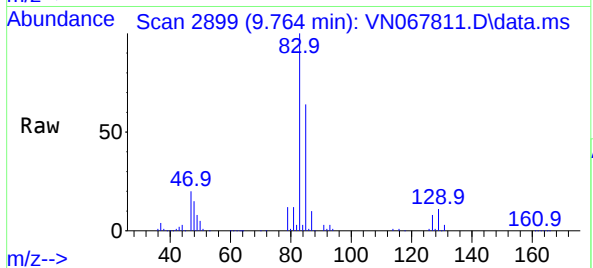
Tgt Ion: 93 Resp: 188427  
Ion Ratio Lower Upper  
93 100  
95 83.3 66.1 99.1  
174 85.0 61.0 91.4





#47  
Bromodichloromethane  
Concen: 55.748 ug/l  
RT: 9.764 min Scan# 2899  
Delta R.T. -0.001 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

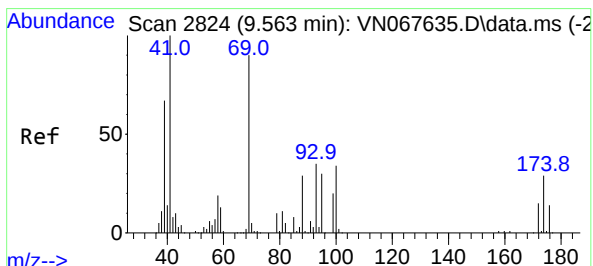
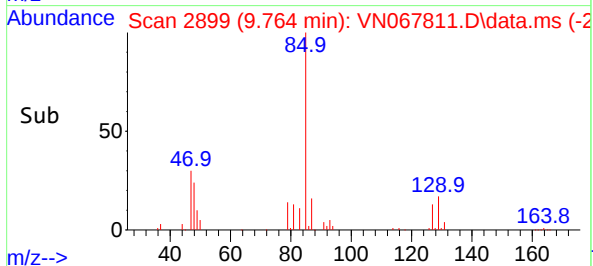
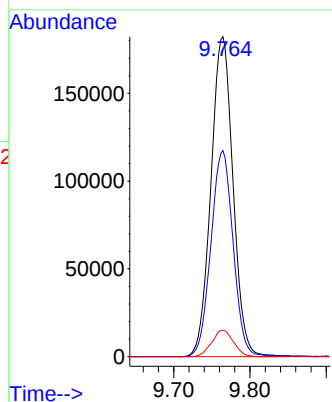
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



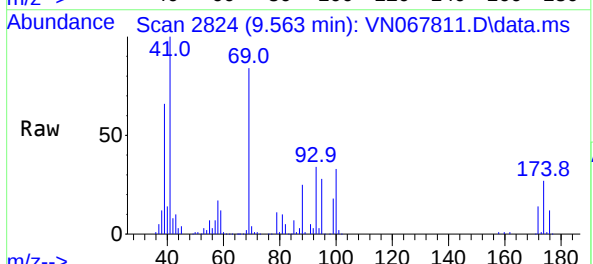
Tgt Ion: 83 Resp: 366532  
Ion Ratio Lower Upper  
83 100  
85 64.4 49.9 74.9  
127 8.2 6.1 9.1

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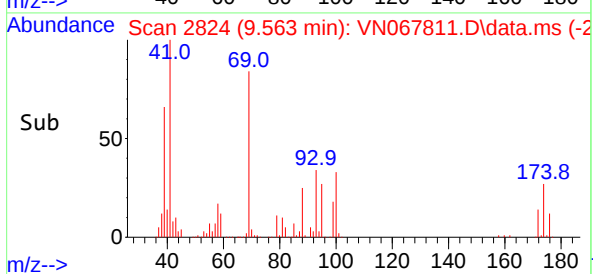
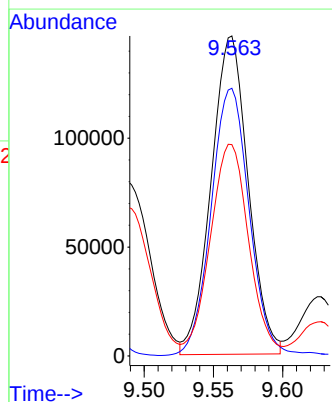
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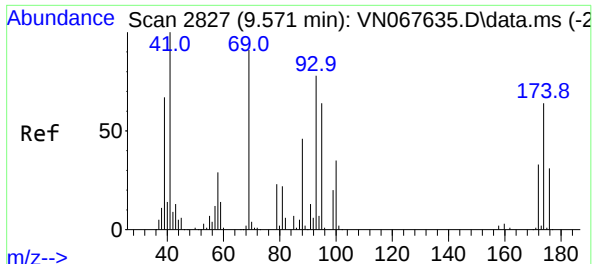


#48  
Methyl methacrylate  
Concen: 57.755 ug/l  
RT: 9.563 min Scan# 2824  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



Tgt Ion: 41 Resp: 272288  
Ion Ratio Lower Upper  
41 100  
69 86.4 64.6 96.8  
39 69.1 53.3 79.9





#49

1,4-Dioxane

Concen: 1017.141 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. 0.000 min

Lab File: VN067811.D

Acq: 20 Jul 2021 12:12

Tgt Ion: 88 Resp: 95458

Ion Ratio Lower Upper

88 100

43 29.1 28.8 43.2

58 63.8 60.4 90.6

Instrument :

MSVOA\_N

ClientSampleId :

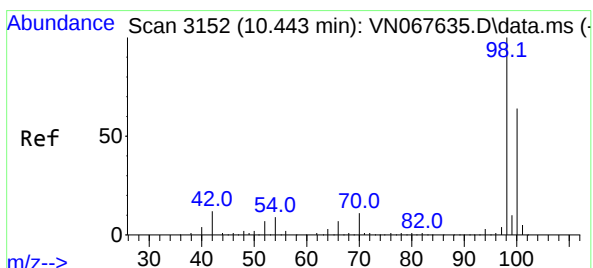
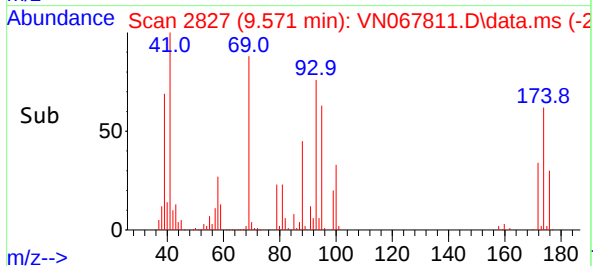
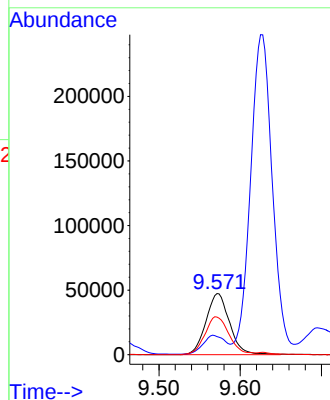
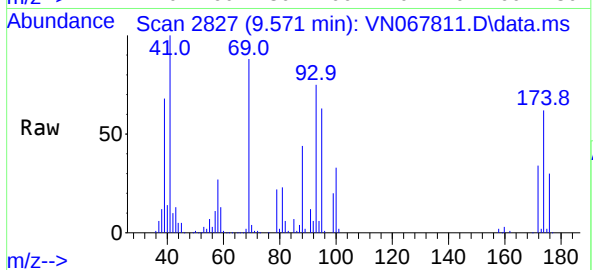
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#50

Toluene-d8

Concen: 52.793 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. -0.000 min

Lab File: VN067811.D

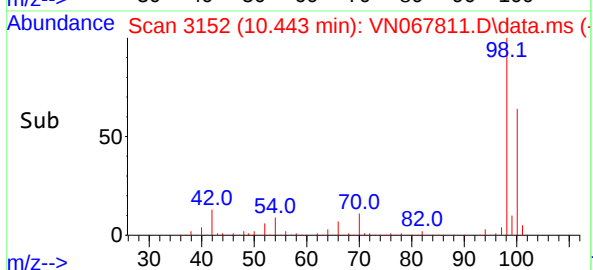
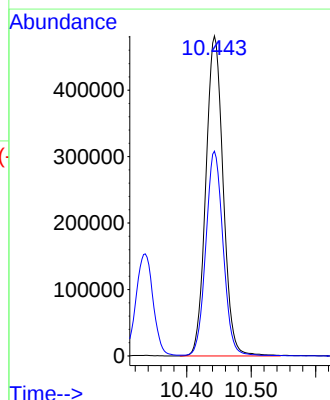
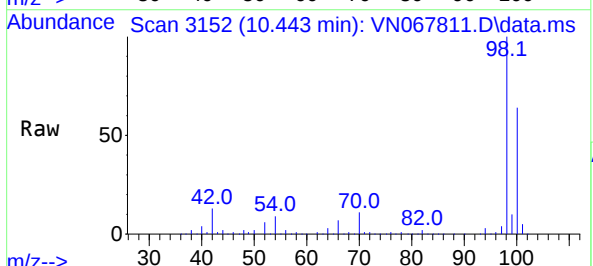
Acq: 20 Jul 2021 12:12

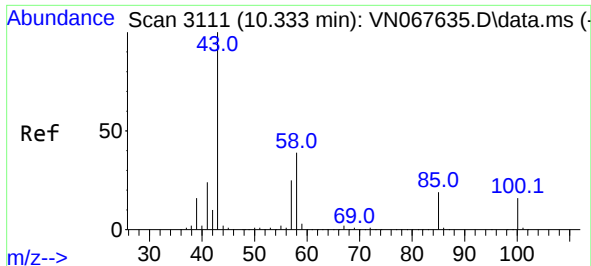
Tgt Ion: 98 Resp: 898881

Ion Ratio Lower Upper

98 100

100 63.9 51.7 77.5





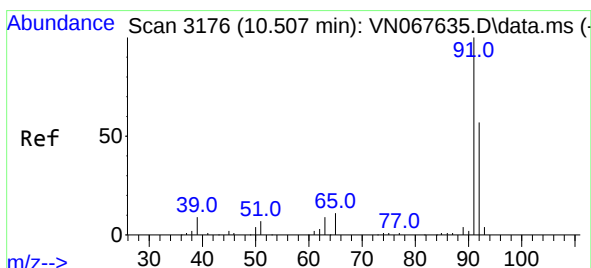
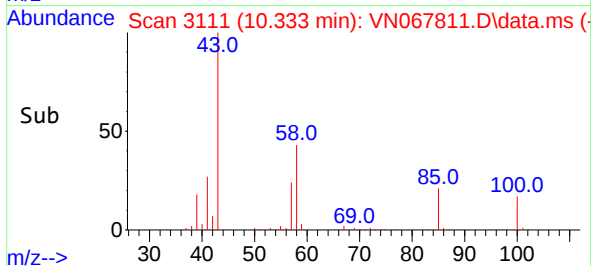
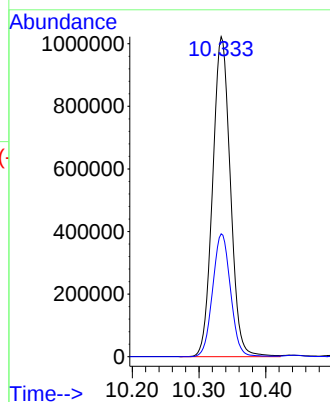
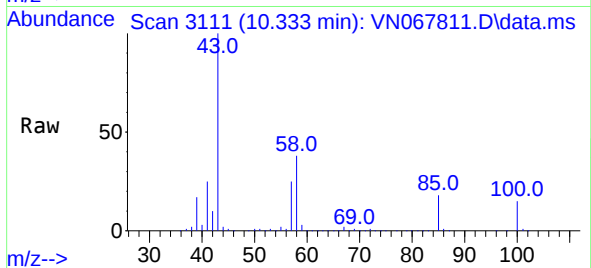
#51  
4-Methyl-2-Pentanone  
Concen: 287.904 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

Tgt Ion: 43 Resp: 1885344  
Ion Ratio Lower Upper  
43 100  
58 38.7 28.6 43.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

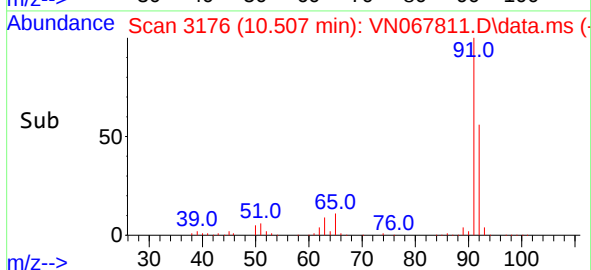
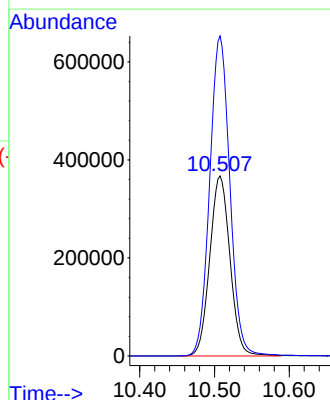
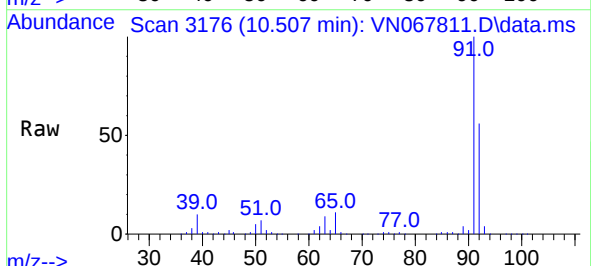
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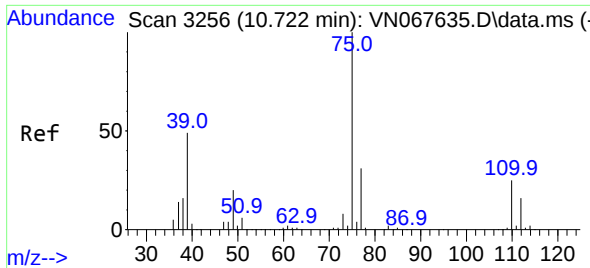
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#52  
Toluene  
Concen: 56.253 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

Tgt Ion: 92 Resp: 689830  
Ion Ratio Lower Upper  
92 100  
91 176.9 139.6 209.4





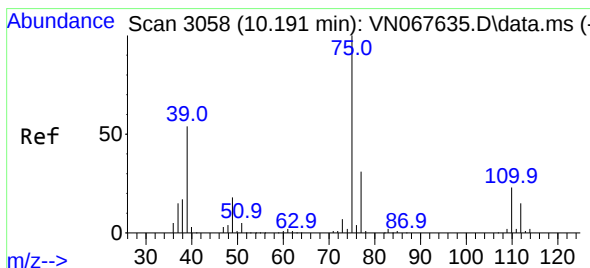
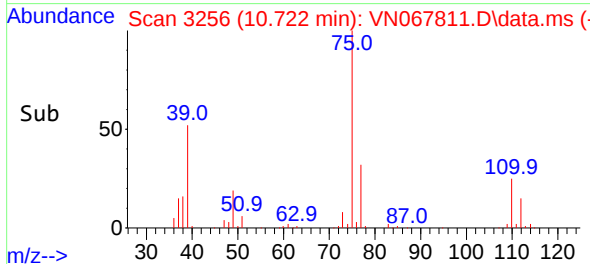
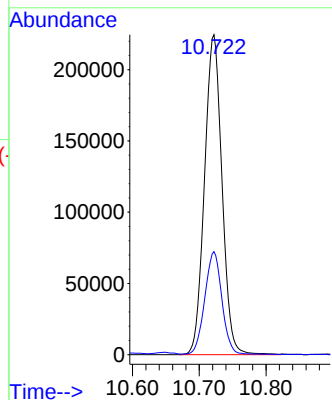
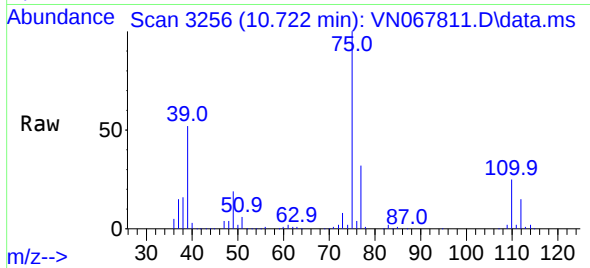
#53  
t-1,3-Dichloropropene  
Concen: 52.115 ug/l  
RT: 10.722 min Scan# 3256  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

Tgt Ion: 75 Resp: 408907  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.1 37.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

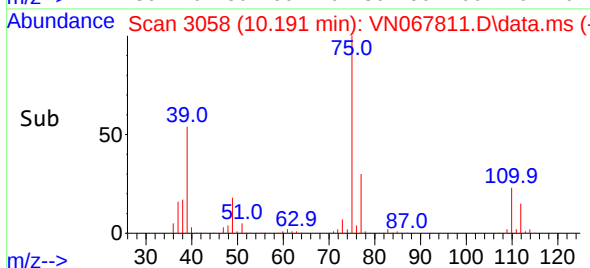
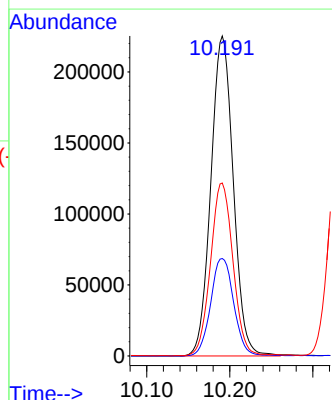
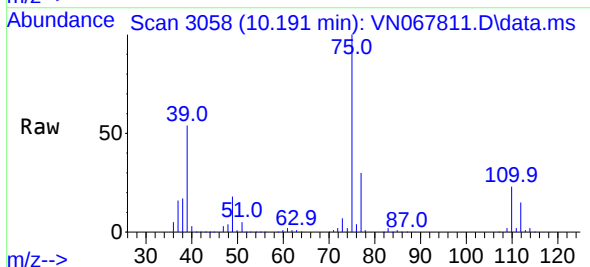
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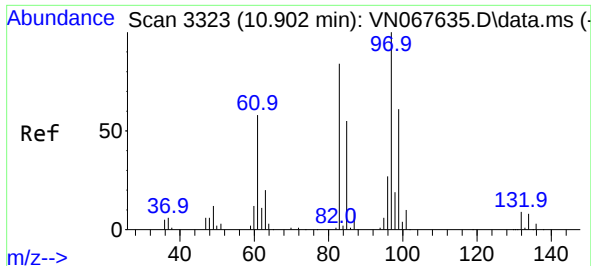
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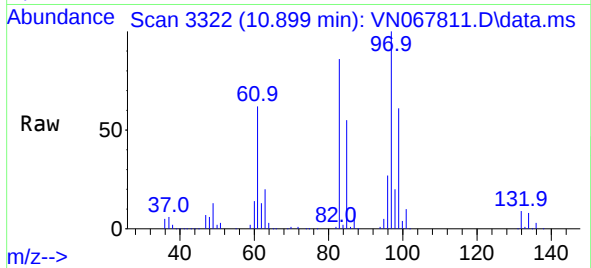
#54  
cis-1,3-Dichloropropene  
Concen: 57.774 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

Tgt Ion: 75 Resp: 422428  
Ion Ratio Lower Upper  
75 100  
77 30.5 24.6 37.0  
39 54.0 50.7 76.1



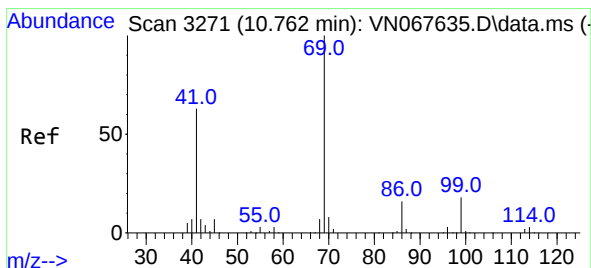
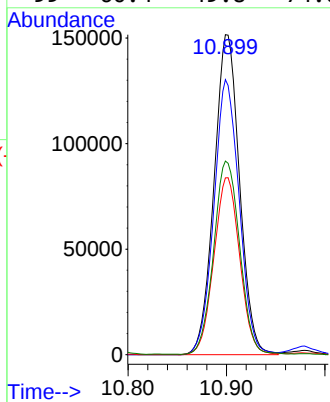
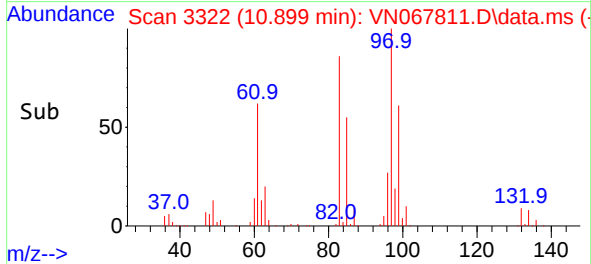


#55  
1,1,2-Trichloroethane  
Concen: 58.074 ug/l  
RT: 10.899 min Scan# 3322  
Delta R.T. -0.003 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

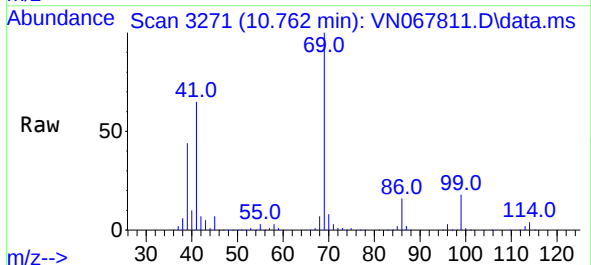


Tgt Ion: 97 Resp: 272919

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.9  | 72.0  | 108.0 |
| 85  | 55.3  | 46.8  | 70.2  |
| 99  | 60.4  | 49.8  | 74.6  |

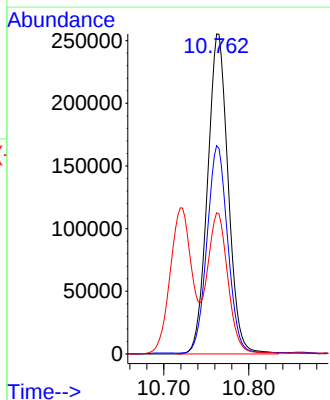
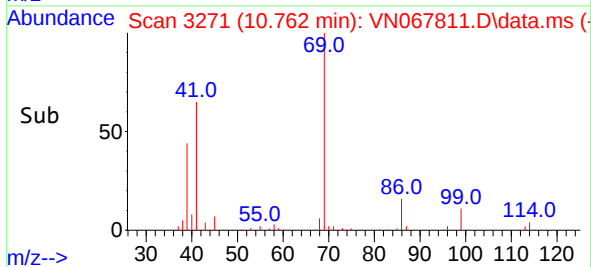


#56  
Ethyl methacrylate  
Concen: 59.529 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



Tgt Ion: 69 Resp: 430998

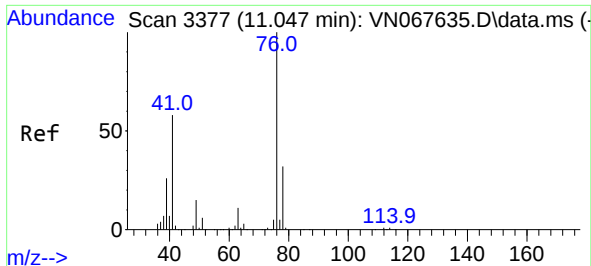
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 65.0  | 58.6  | 88.0  |
| 39  | 42.4  | 38.3  | 57.5  |



Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

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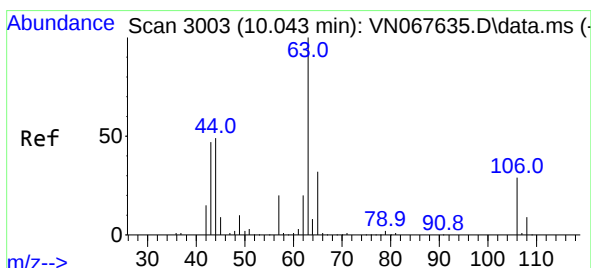
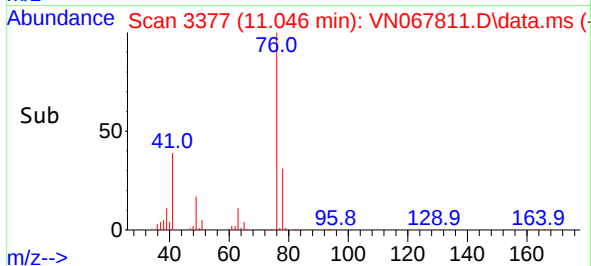
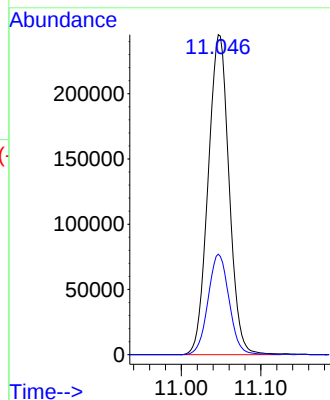
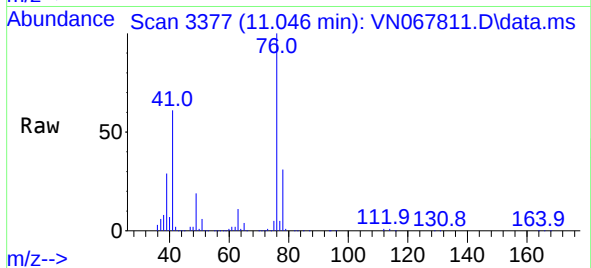
#57  
1,3-Dichloropropane  
Concen: 55.766 ug/l  
RT: 11.046 min Scan# 3377  
Delta R.T. -0.001 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

Tgt Ion: 76 Resp: 449390  
Ion Ratio Lower Upper  
76 100  
78 31.5 25.7 38.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

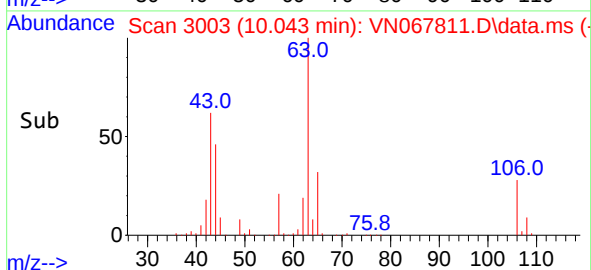
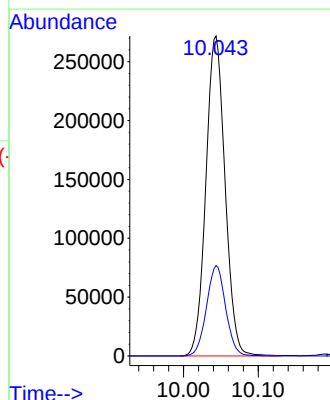
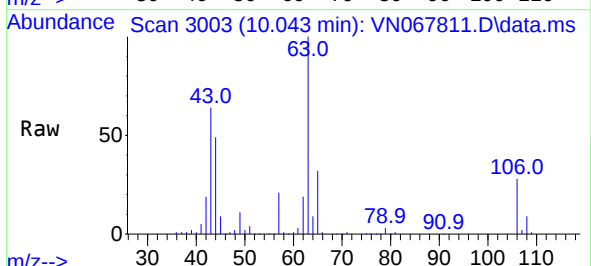
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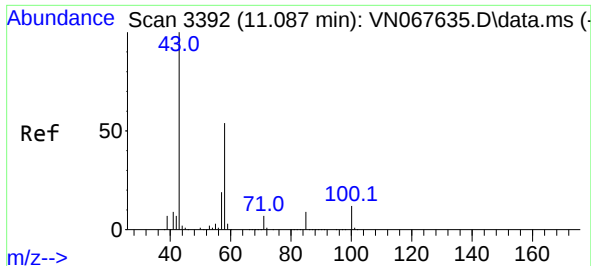
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#58  
2-Chloroethyl Vinyl ether  
Concen: 251.175 ug/l  
RT: 10.043 min Scan# 3003  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

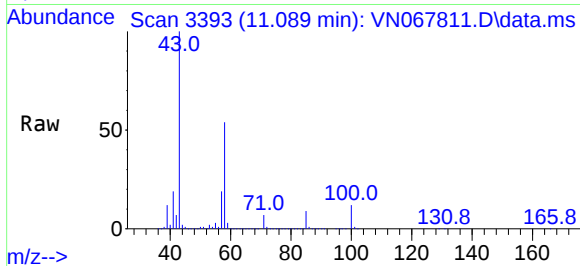
Tgt Ion: 63 Resp: 485117  
Ion Ratio Lower Upper  
63 100  
106 28.2 19.8 29.8





#59  
2-Hexanone  
Concen: 300.959 ug/l  
RT: 11.089 min Scan# 3393  
Delta R.T. 0.002 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

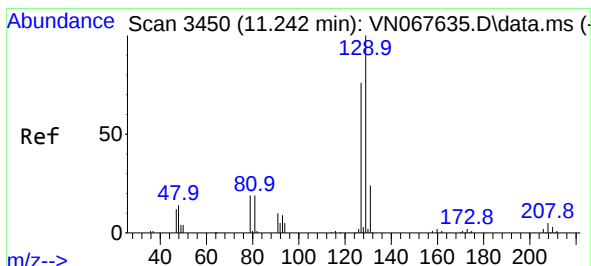
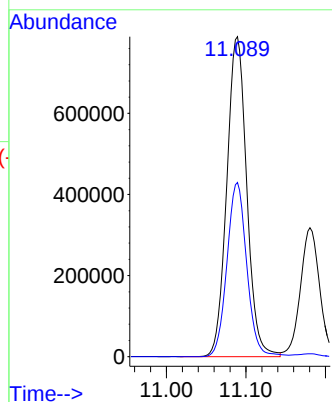
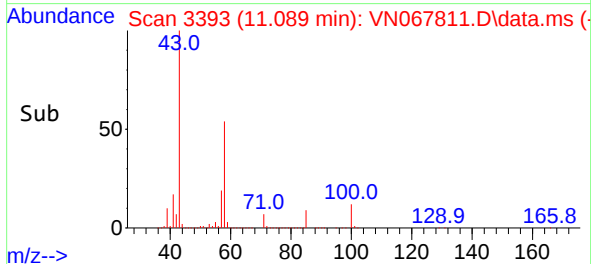
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



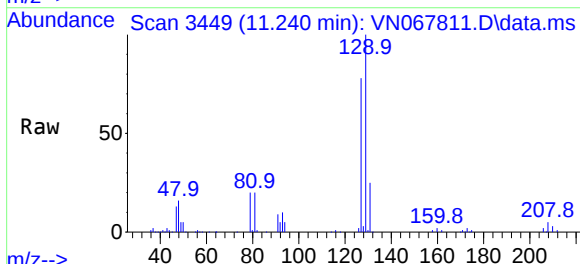
Tgt Ion: 43 Resp: 1375672  
Ion Ratio Lower Upper  
43 100  
58 54.0 24.7 74.1

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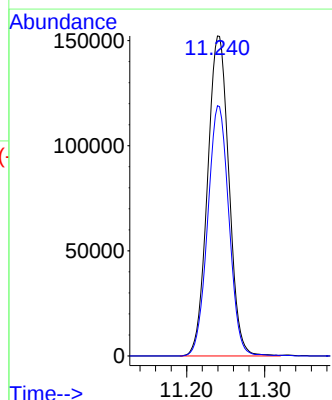
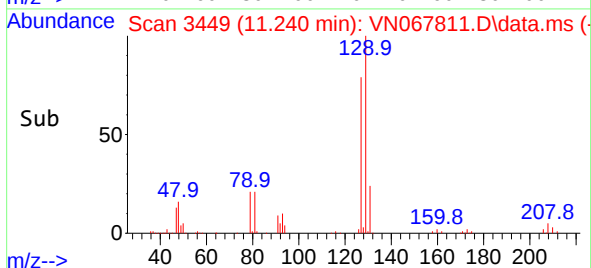
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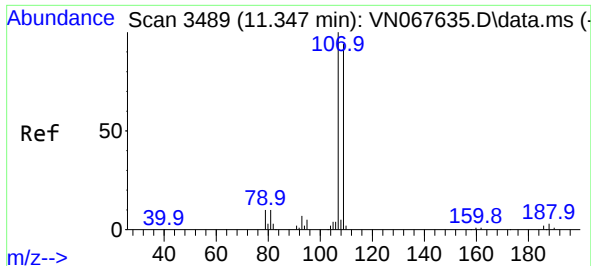


#60  
Dibromochloromethane  
Concen: 50.356 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. -0.002 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



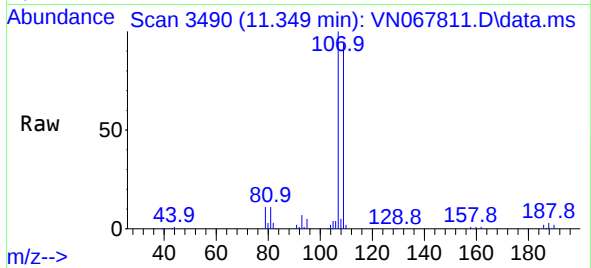
Tgt Ion: 129 Resp: 290545  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.6 115.8





#61  
1,2-Dibromoethane  
Concen: 59.115 ug/l  
RT: 11.349 min Scan# 3490  
Delta R.T. 0.002 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

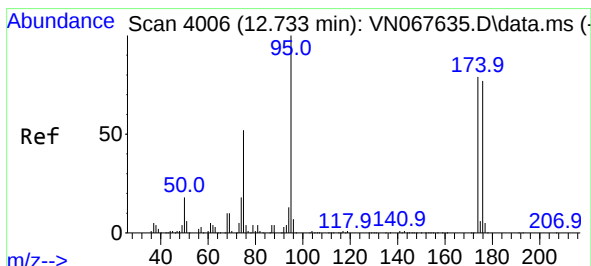
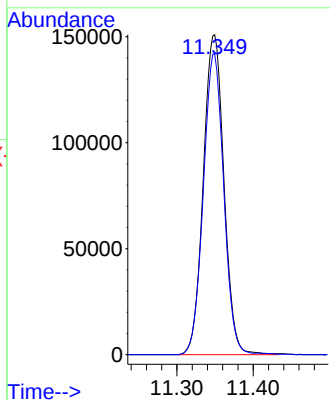
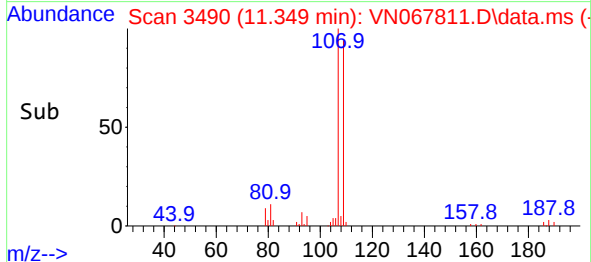
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



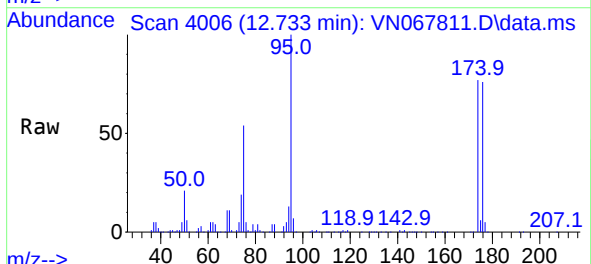
Tgt Ion:107 Resp: 283630  
Ion Ratio Lower Upper  
107 100  
109 93.2 75.0 112.4

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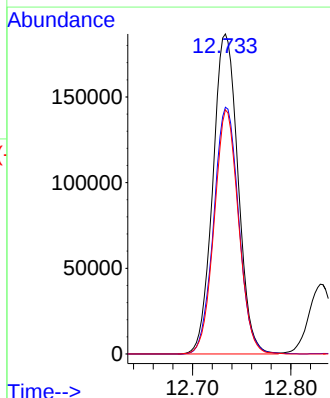
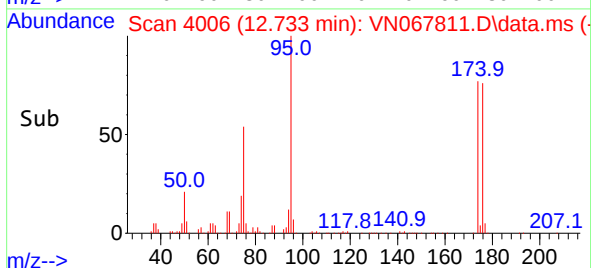
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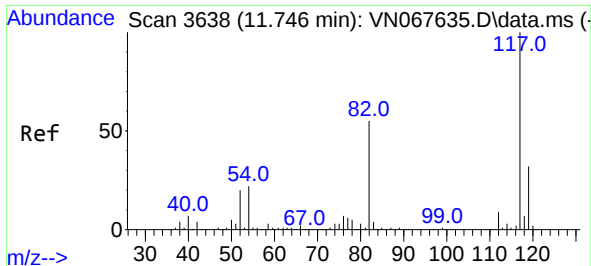


#62  
4-Bromofluorobenzene  
Concen: 55.275 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



Tgt Ion: 95 Resp: 332466  
Ion Ratio Lower Upper  
95 100  
174 76.7 0.0 122.0  
176 73.6 0.0 117.6





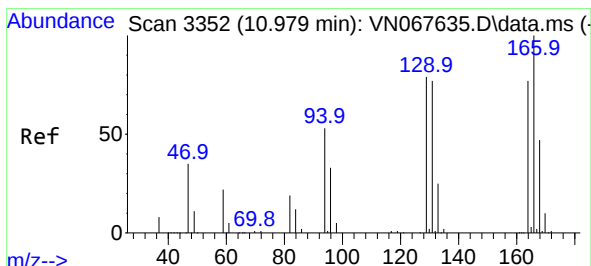
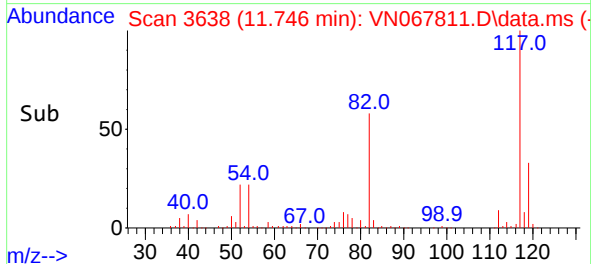
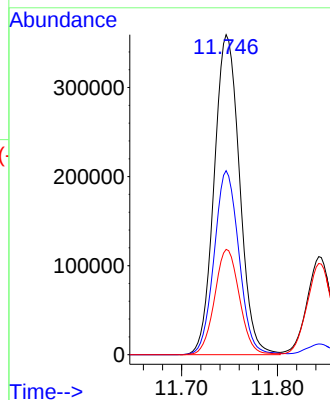
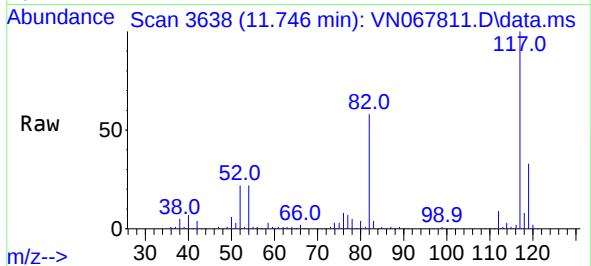
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

Tgt Ion:117 Resp: 660572  
Ion Ratio Lower Upper  
117 100  
82 57.5 53.1 79.7  
119 32.9 25.5 38.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

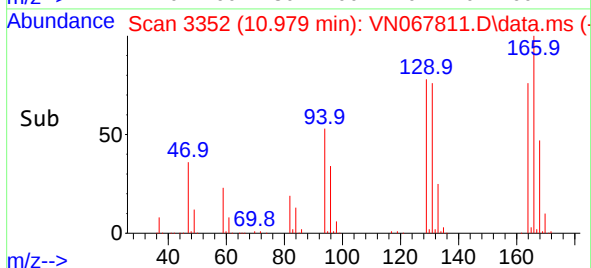
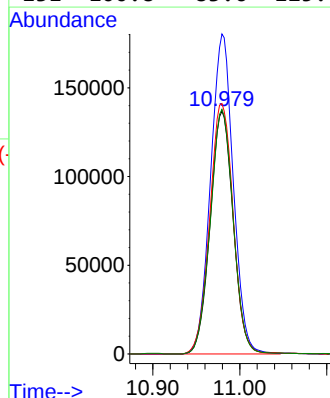
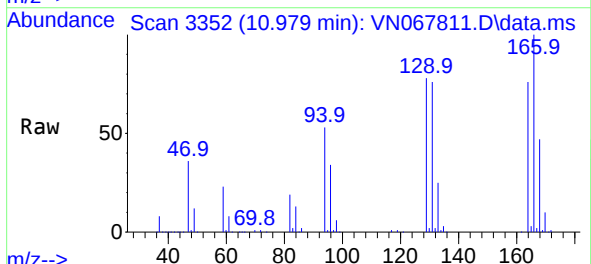
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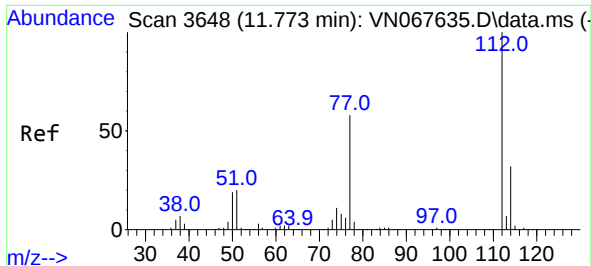
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#64  
Tetrachloroethene  
Concen: 53.905 ug/l  
RT: 10.979 min Scan# 3352  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

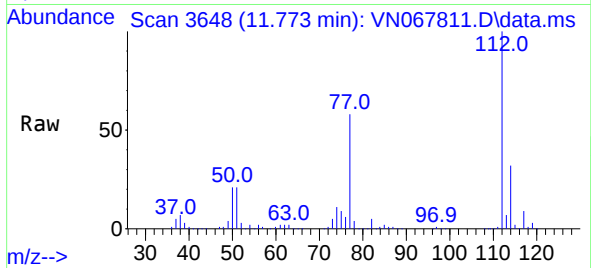
Tgt Ion:164 Resp: 251354  
Ion Ratio Lower Upper  
164 100  
166 131.8 102.1 153.1  
129 103.1 86.9 130.3  
131 100.8 83.6 125.4





#65  
Chlorobenzene  
Concen: 55.099 ug/l  
RT: 11.773 min Scan# 3648  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

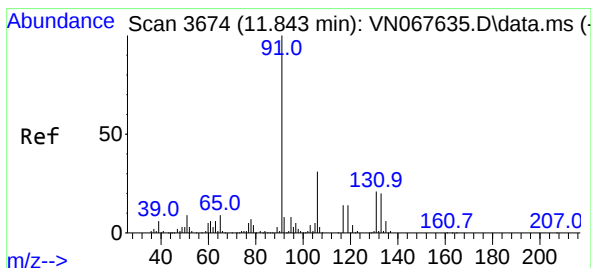
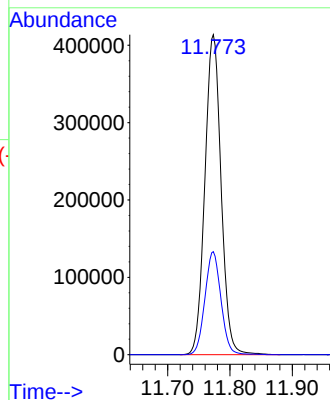
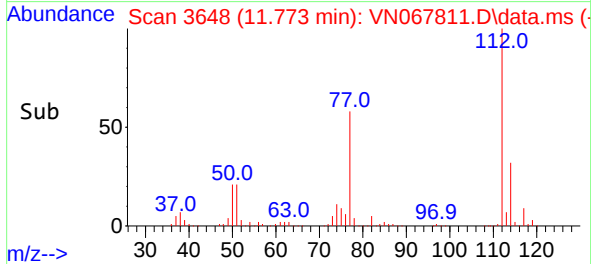
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



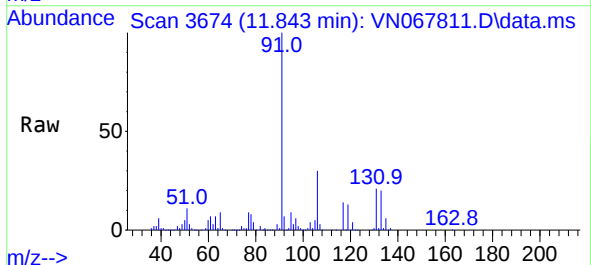
Tgt Ion:112 Resp: 747529  
Ion Ratio Lower Upper  
112 100  
114 32.2 24.6 37.0

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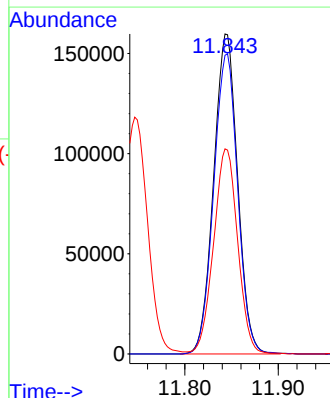
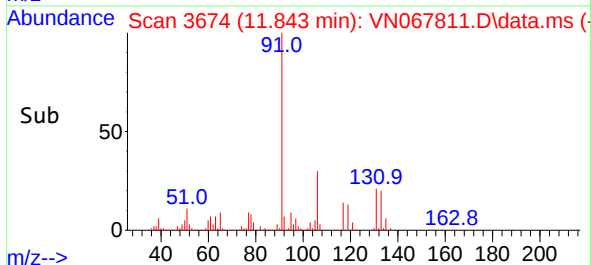
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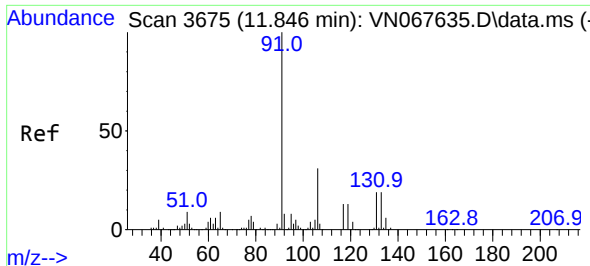


#66  
1,1,1,2-Tetrachloroethane  
Concen: 59.587 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



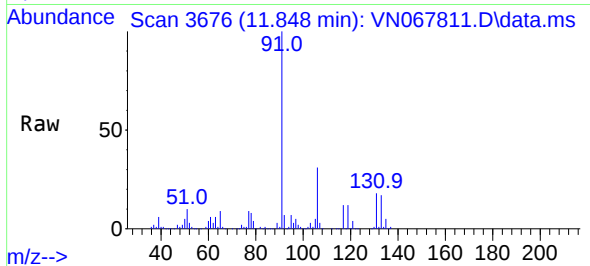
Tgt Ion:131 Resp: 284364  
Ion Ratio Lower Upper  
131 100  
133 94.2 47.5 142.5  
119 64.6 33.1 99.3





#67  
Ethyl Benzene  
Concen: 56.669 ug/l  
RT: 11.848 min Scan# 3676  
Delta R.T. 0.002 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

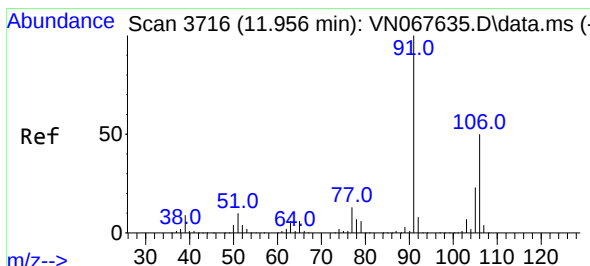
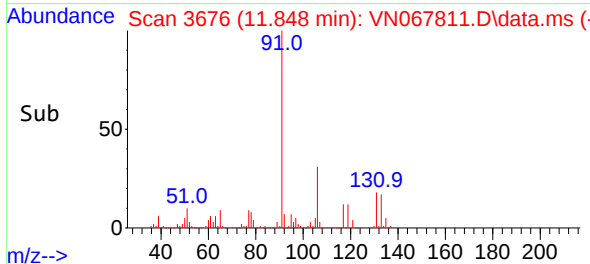
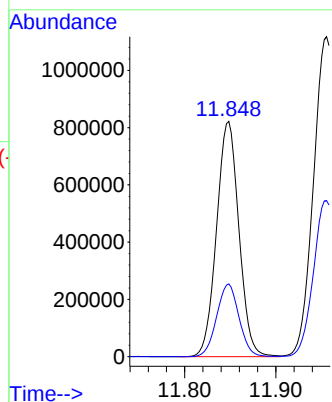
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 91 Resp: 1399625  
Ion Ratio Lower Upper  
91 100  
106 30.9 23.4 35.0

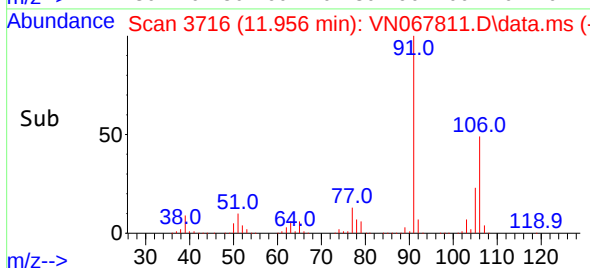
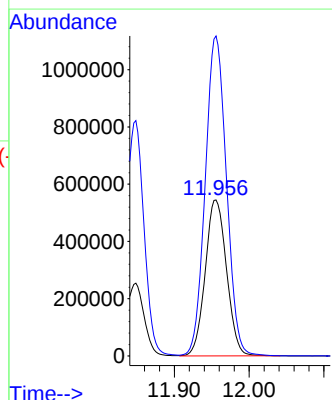
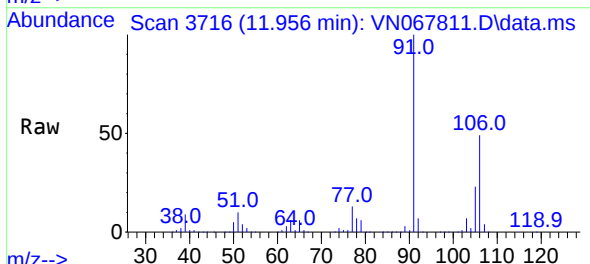
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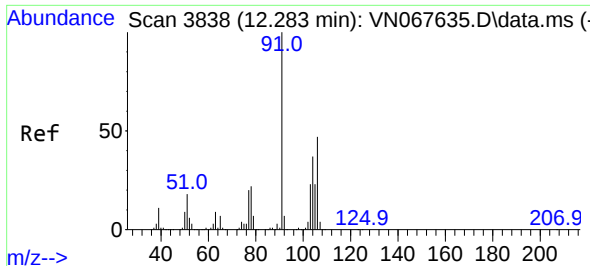
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#68  
m/p-Xylenes  
Concen: 115.619 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

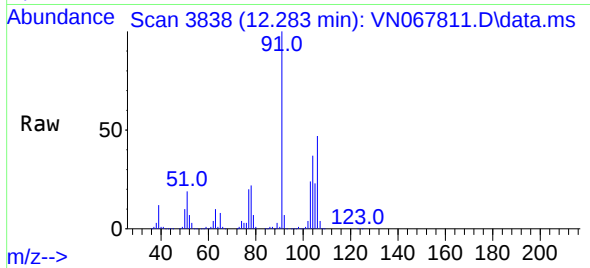
Tgt Ion: 106 Resp: 1080051  
Ion Ratio Lower Upper  
106 100  
91 203.9 180.6 270.8





#69  
o-Xylene  
Concen: 58.004 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

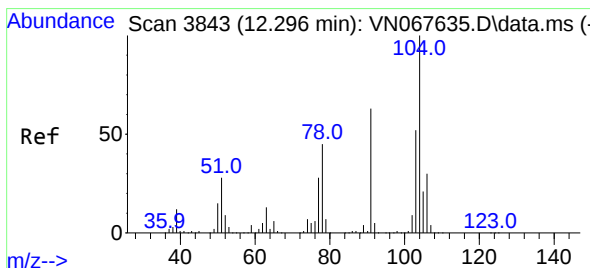
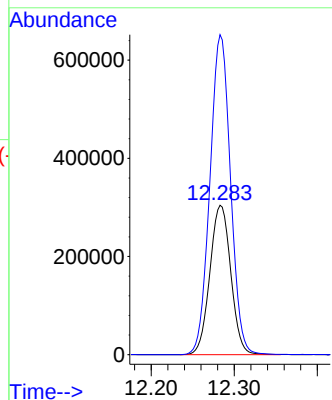
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



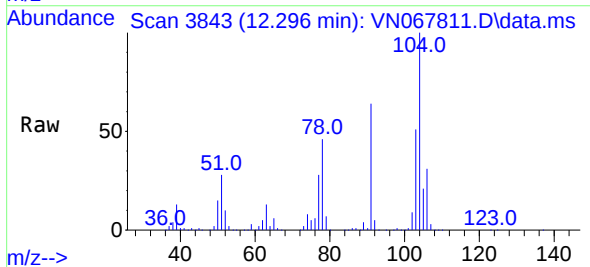
Tgt Ion:106 Resp: 532729  
Ion Ratio Lower Upper  
106 100  
91 211.0 118.3 354.9

Manual Integrations  
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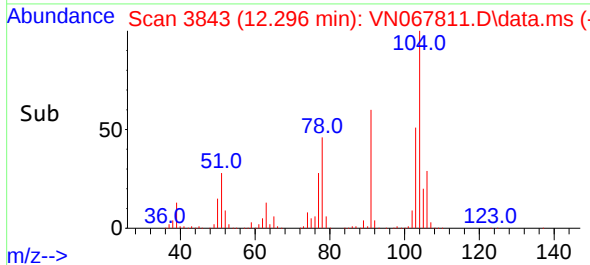
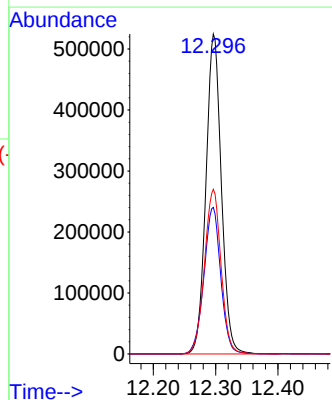
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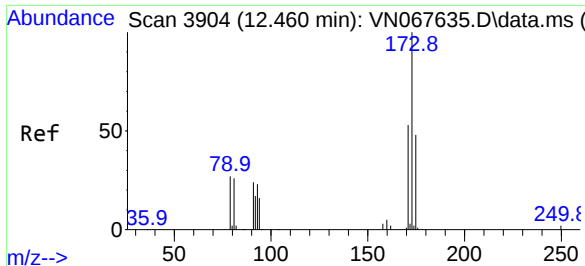


#70  
Styrene  
Concen: 61.383 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



Tgt Ion:104 Resp: 901819  
Ion Ratio Lower Upper  
104 100  
78 50.0 48.2 72.2  
103 55.5 44.5 66.7





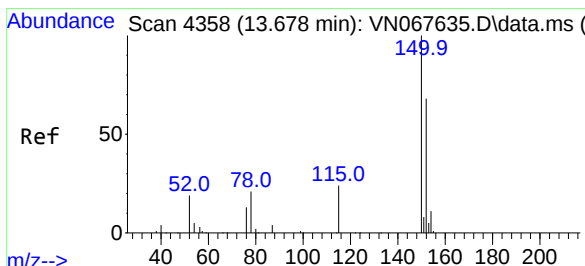
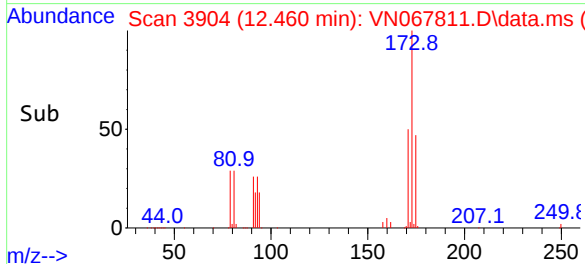
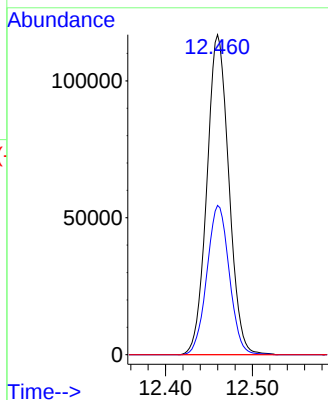
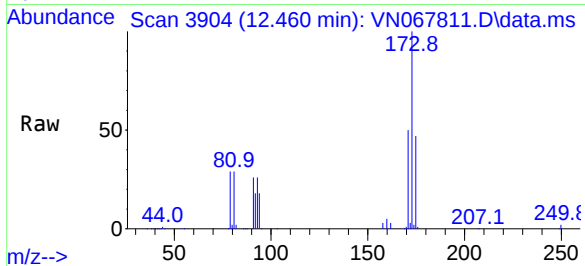
#71  
Bromoform  
Concen: 48.580 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

Tgt Ion:173 Resp: 205238  
Ion Ratio Lower Upper  
173 100  
175 47.5 23.9 71.8  
254 0.0 0.0 0.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

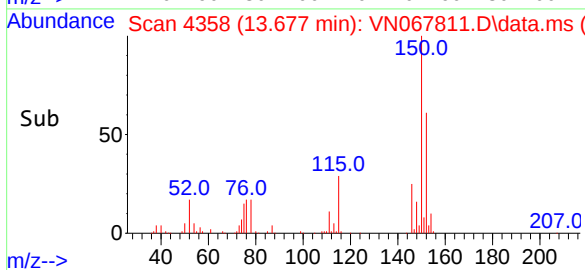
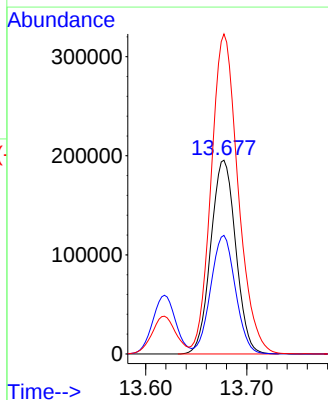
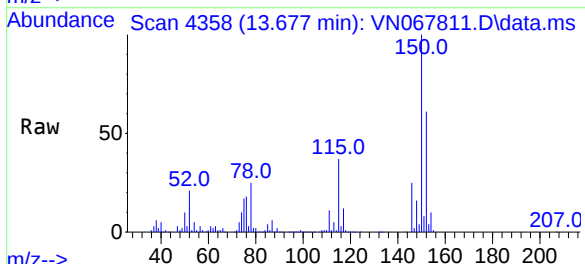
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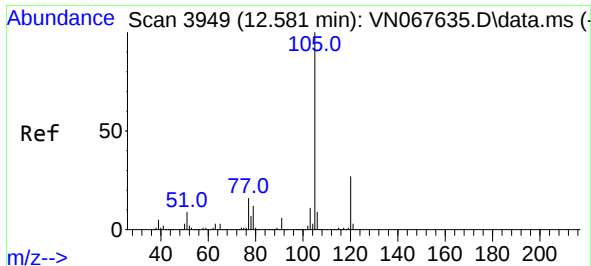
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.677 min Scan# 4358  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

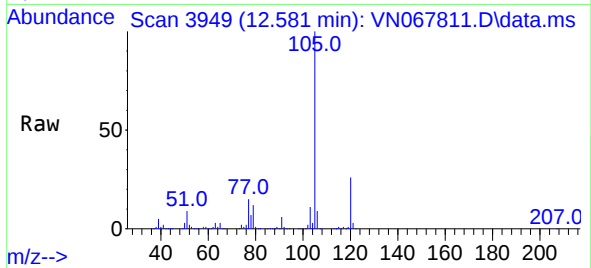
Tgt Ion:152 Resp: 335813  
Ion Ratio Lower Upper  
152 100  
115 60.6 36.1 108.5  
150 178.4 0.0 351.8





#73  
Isopropylbenzene  
Concen: 51.295 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

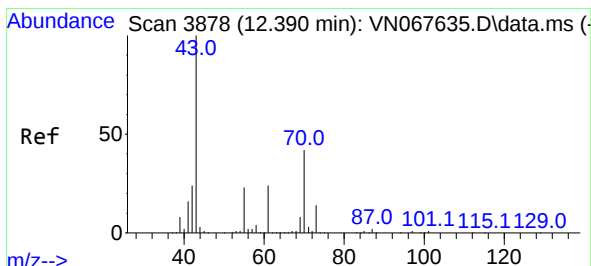
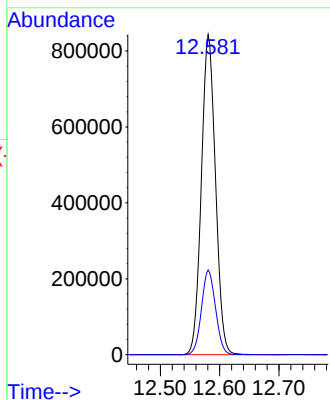
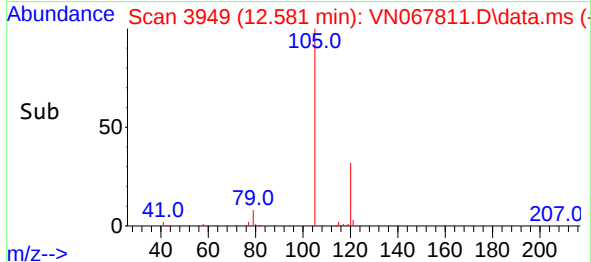
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



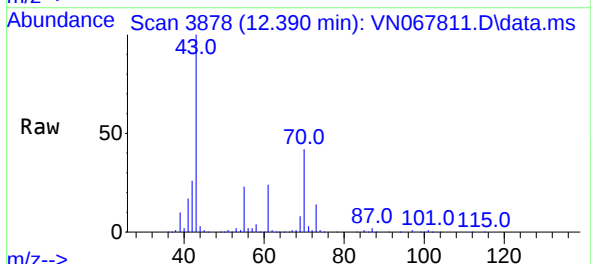
Tgt Ion:105 Resp: 1389819  
Ion Ratio Lower Upper  
105 100  
120 26.3 12.5 37.5

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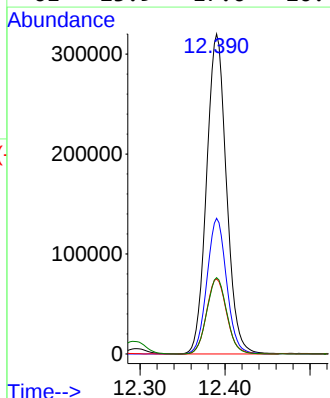
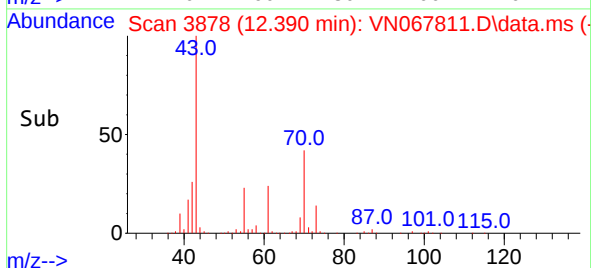
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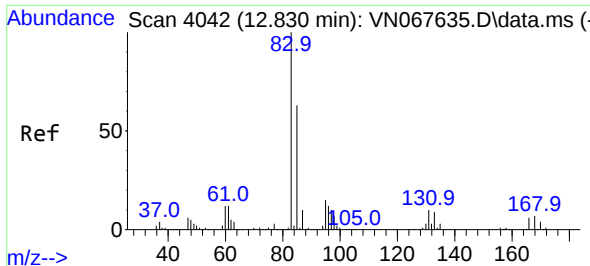


#74  
N-ethyl acetate  
Concen: 52.877 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



Tgt Ion: 43 Resp: 519765  
Ion Ratio Lower Upper  
43 100  
70 41.9 29.4 44.2  
55 23.8 17.0 25.4  
61 23.9 17.6 26.4





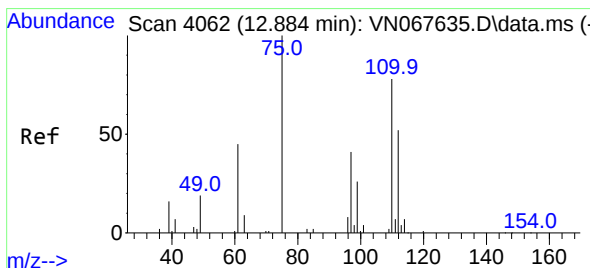
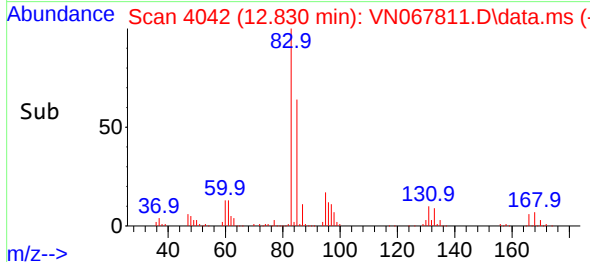
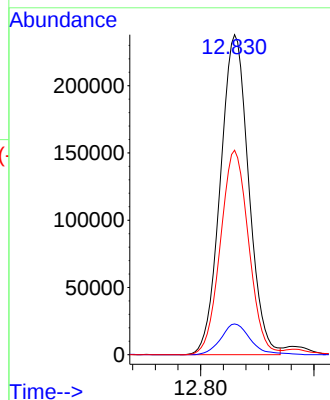
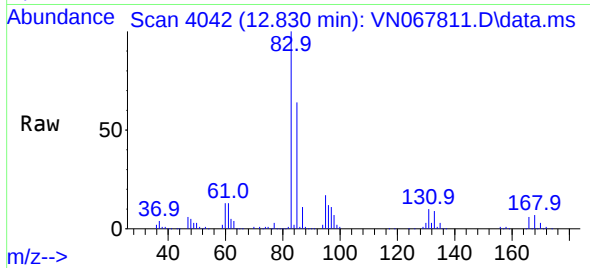
#75  
1,1,2,2-Tetrachloroethane  
Concen: 52.399 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

Tgt Ion: 83 Resp: 412045  
Ion Ratio Lower Upper  
83 100  
131 10.0 4.8 14.4  
85 63.8 32.2 96.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

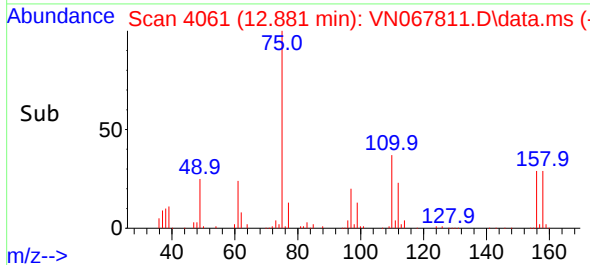
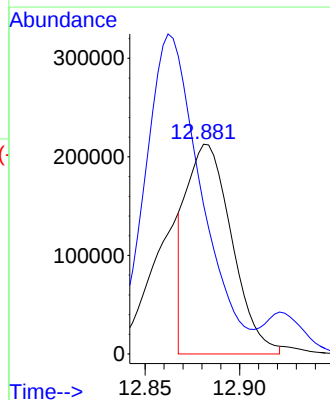
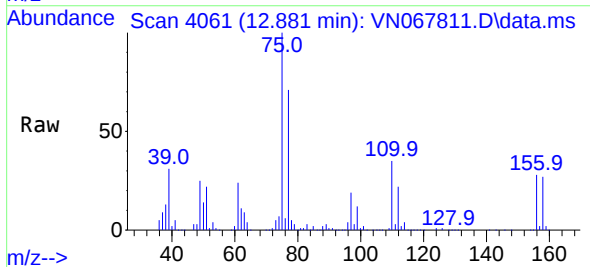
Manual Integrations  
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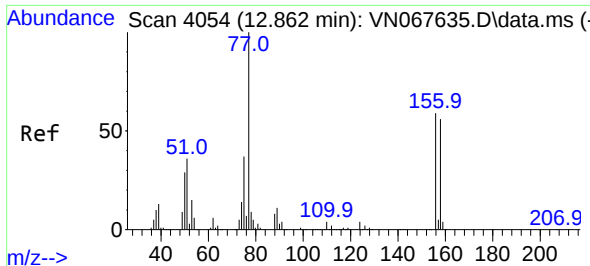
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#76  
1,2,3-Trichloropropane  
Concen: 51.624 ug/l m  
RT: 12.881 min Scan# 4061  
Delta R.T. -0.003 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

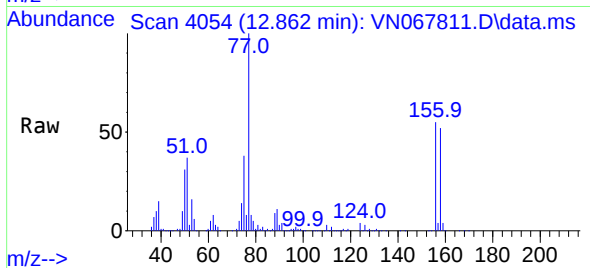
Tgt Ion: 75 Resp: 354032  
Ion Ratio Lower Upper  
75 100  
77 189.4 0.0 0.0#





#77  
Bromobenzene  
Concen: 53.168 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

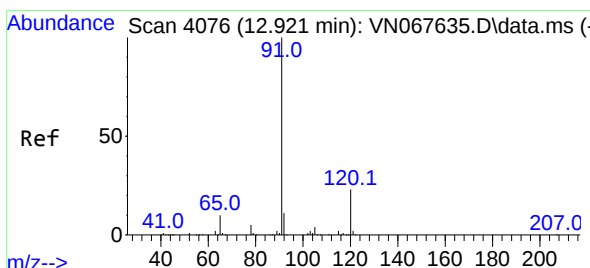
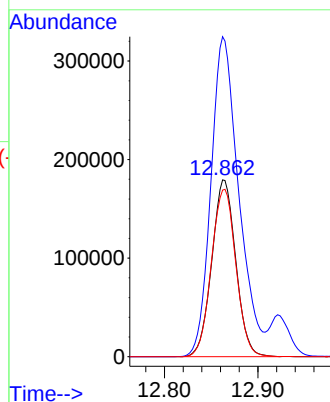
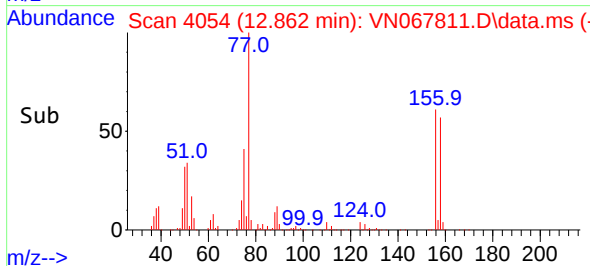
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



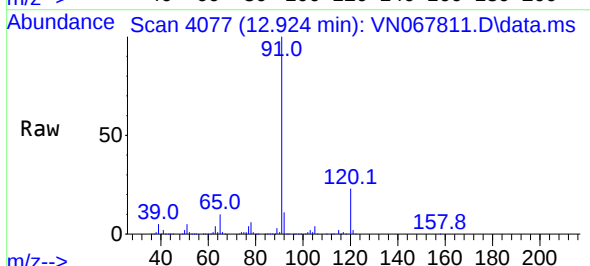
Tgt Ion:156 Resp: 318842  
Ion Ratio Lower Upper  
156 100  
77 210.4 136.2 408.6  
158 97.2 48.4 145.3

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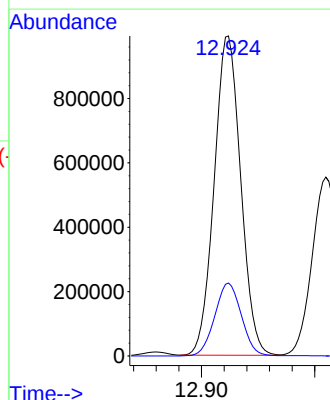
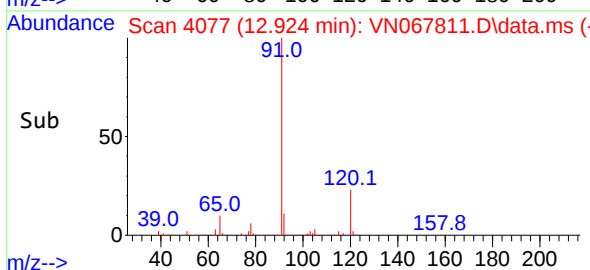
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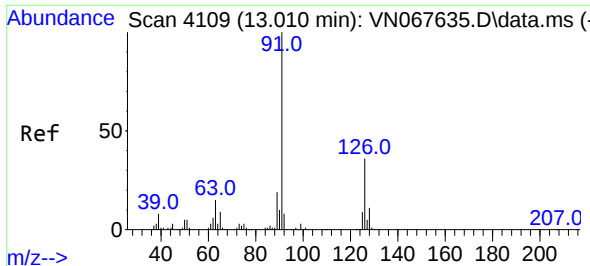


#78  
n-propylbenzene  
Concen: 52.585 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. 0.003 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



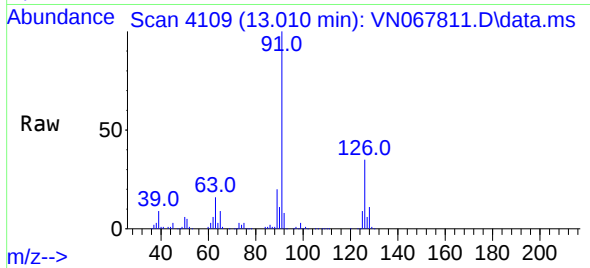
Tgt Ion: 91 Resp: 1611464  
Ion Ratio Lower Upper  
91 100  
120 22.9 10.4 31.4





#79  
2-Chlorotoluene  
Concen: 51.086 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

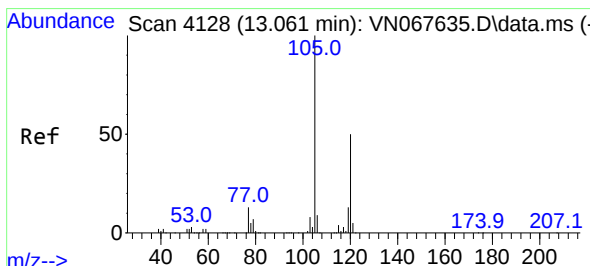
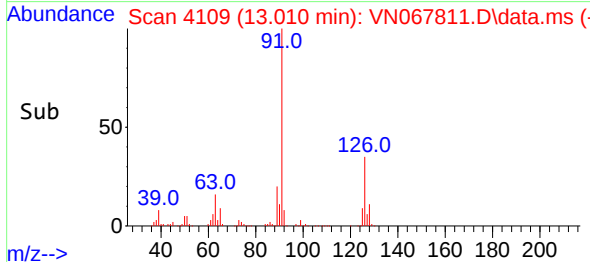
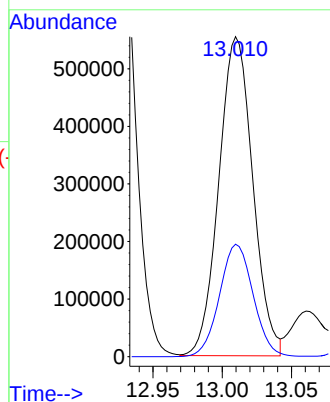
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 91 Resp: 945826  
Ion Ratio Lower Upper  
91 100  
126 35.0 14.5 43.5

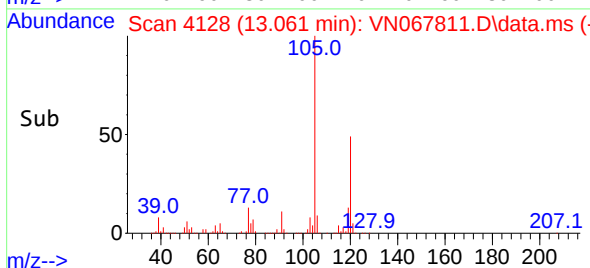
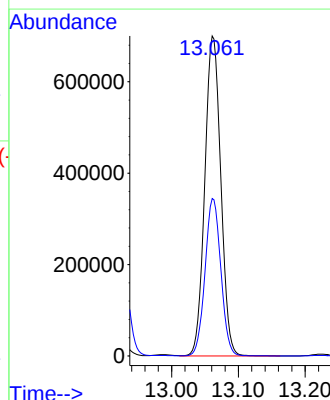
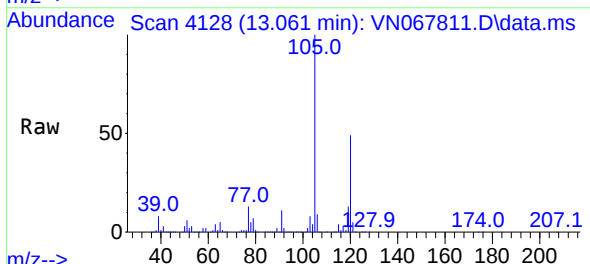
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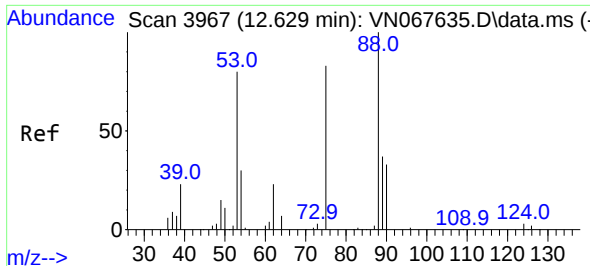
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#80  
1,3,5-Trimethylbenzene  
Concen: 53.088 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

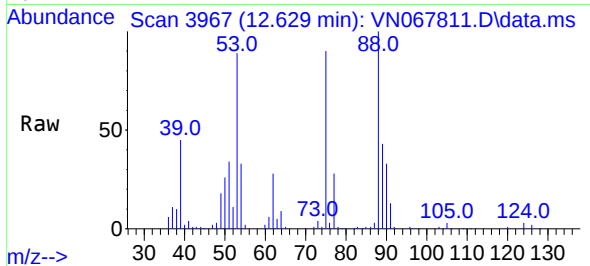
Tgt Ion: 105 Resp: 1165495  
Ion Ratio Lower Upper  
105 100  
120 48.4 22.2 66.6





#81  
trans-1,4-Dichloro-2-butene  
Concen: 57.104 ug/l  
RT: 12.629 min Scan# 3967  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

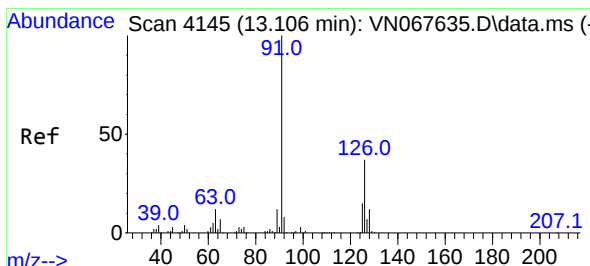
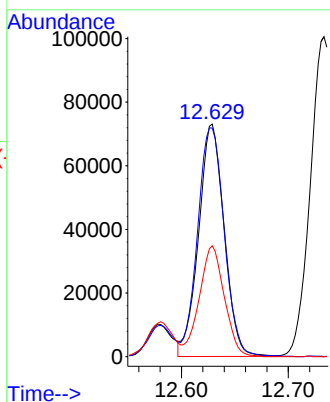
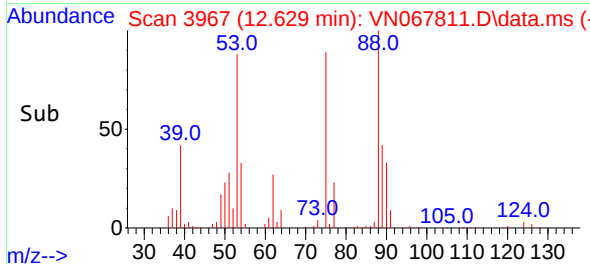
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



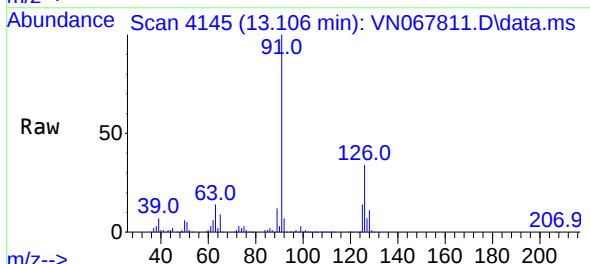
Tgt Ion: 75 Resp: 121465  
Ion Ratio Lower Upper  
75 100  
53 102.6 87.6 131.4  
89 46.9 37.8 56.8

Manual Integrations  
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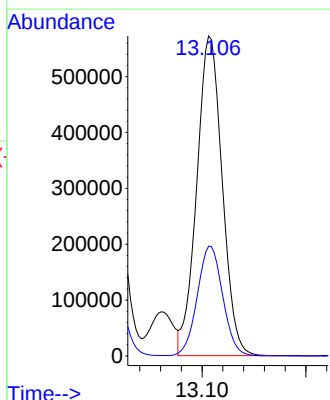
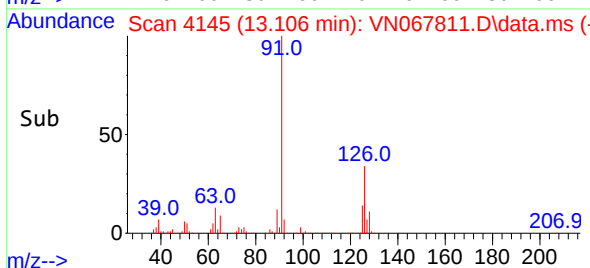
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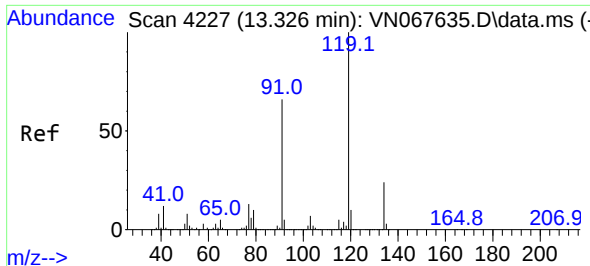


#82  
4-Chlorotoluene  
Concen: 53.226 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



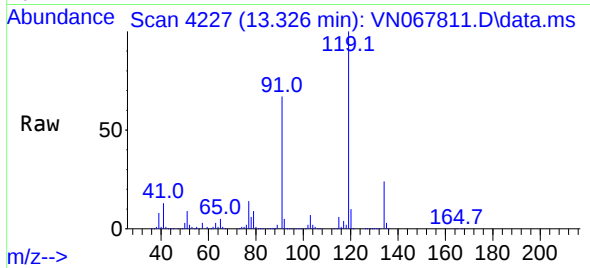
Tgt Ion: 91 Resp: 975123  
Ion Ratio Lower Upper  
91 100  
126 34.3 14.8 44.4





#83  
tert-Butylbenzene  
Concen: 52.732 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

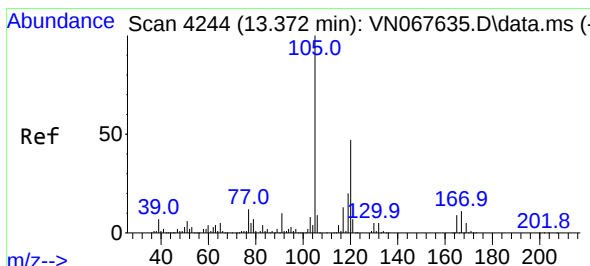
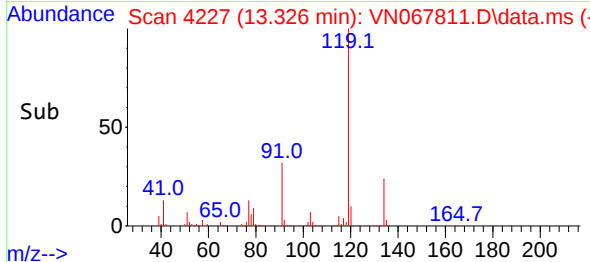
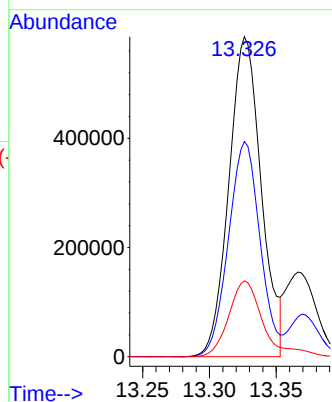
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050



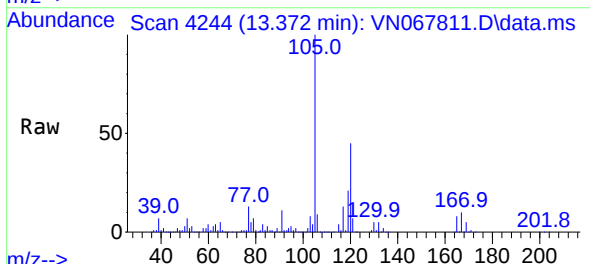
Tgt Ion:119 Resp: 987295  
Ion Ratio Lower Upper  
119 100  
91 65.6 39.5 118.5  
134 25.2 12.0 36.0

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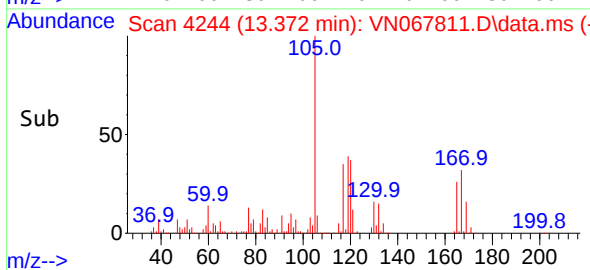
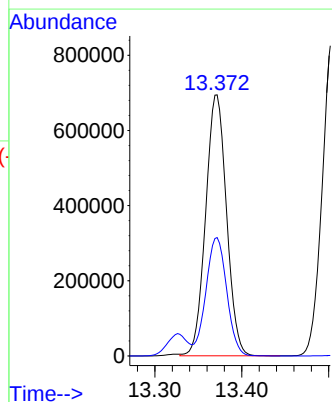
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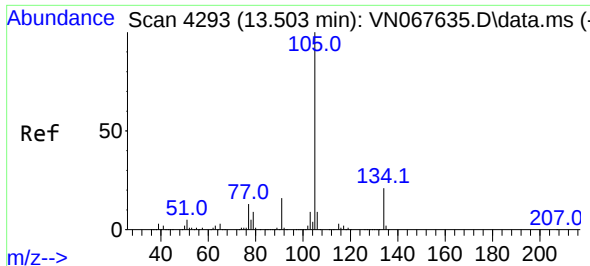


#84  
1,2,4-Trimethylbenzene  
Concen: 53.869 ug/l  
RT: 13.372 min Scan# 4244  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



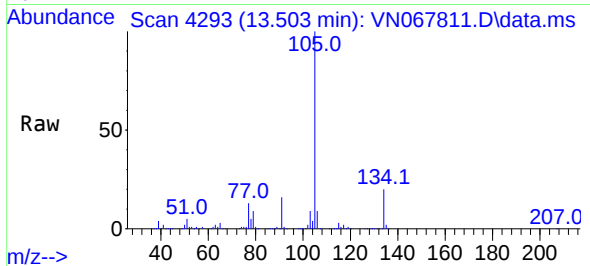
Tgt Ion:105 Resp: 1158820  
Ion Ratio Lower Upper  
105 100  
120 45.3 20.6 61.8





#85  
sec-Butylbenzene  
Concen: 53.301 ug/l  
RT: 13.503 min Scan# 4293  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

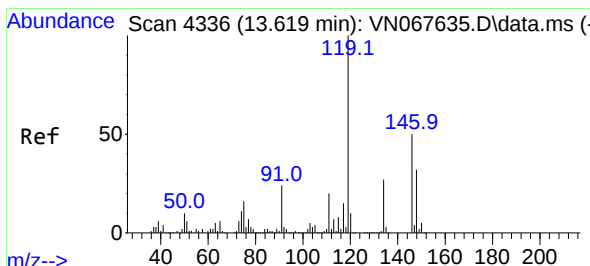
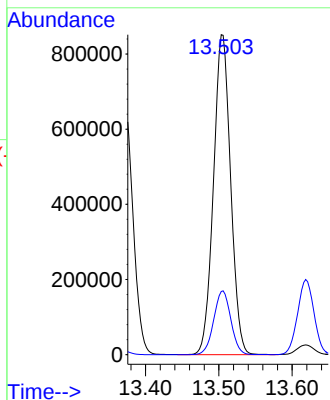
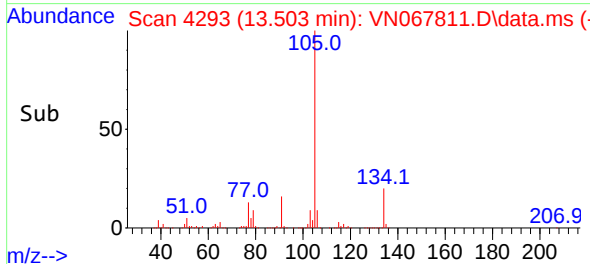
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



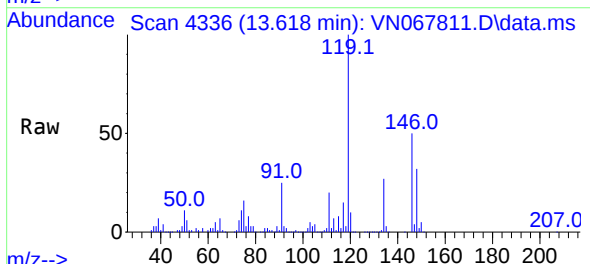
Tgt Ion:105 Resp: 1381120  
Ion Ratio Lower Upper  
105 100  
134 19.9 9.0 27.1

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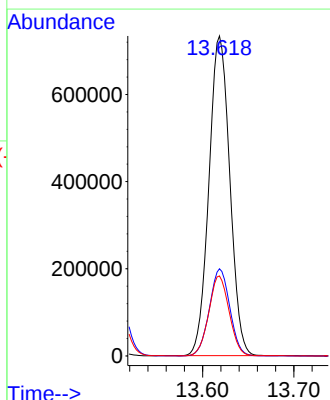
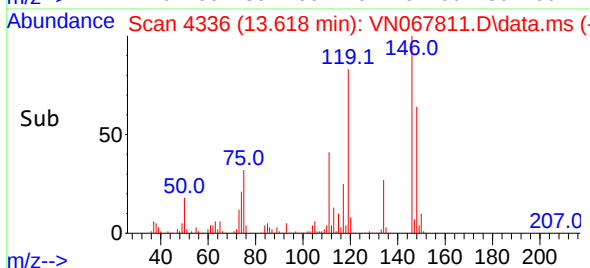
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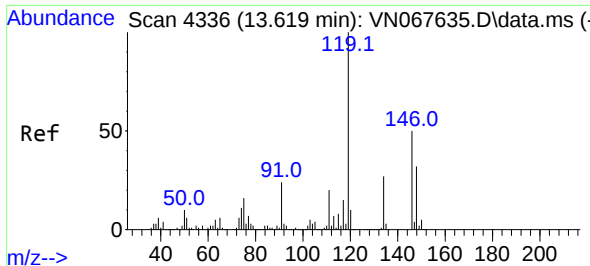


#86  
p-Isopropyltoluene  
Concen: 55.679 ug/l  
RT: 13.618 min Scan# 4336  
Delta R.T. -0.001 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

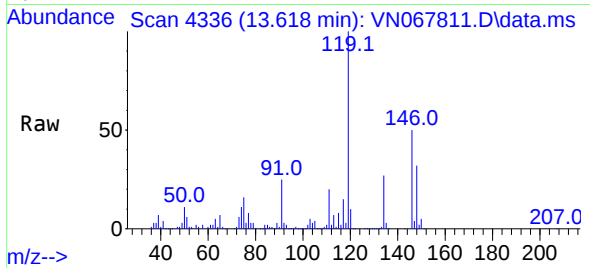


Tgt Ion:119 Resp: 1164246  
Ion Ratio Lower Upper  
119 100  
134 26.7 12.4 37.4  
91 24.5 14.8 44.3

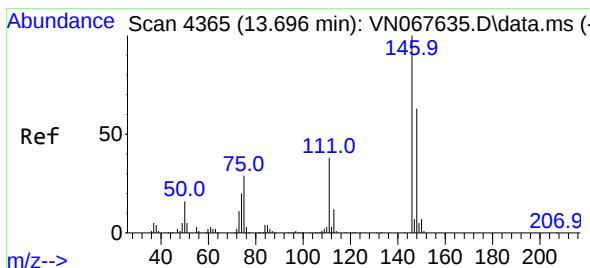
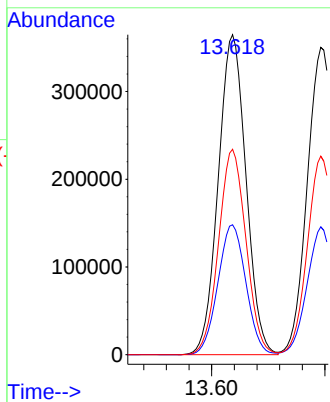
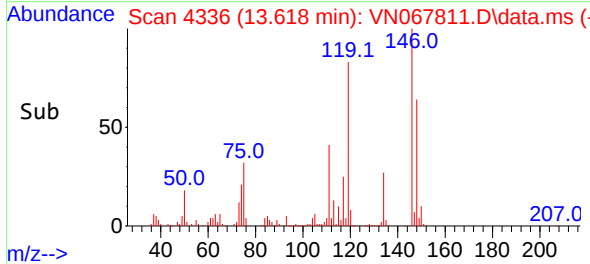




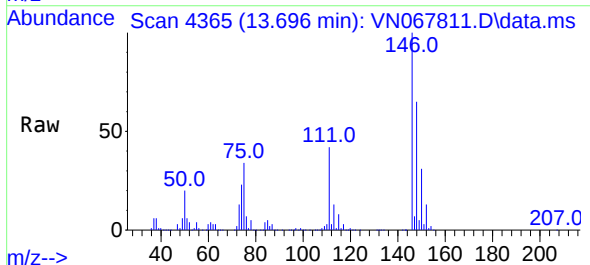
#87  
1,3-Dichlorobenzene  
Concen: 55.711 ug/l  
RT: 13.618 min Scan# 4336  
Delta R.T. -0.001 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



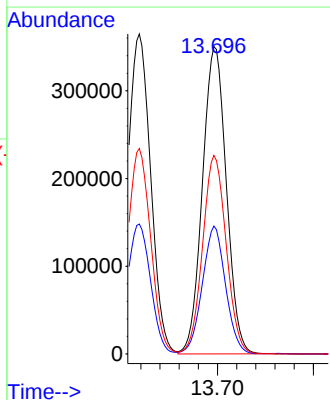
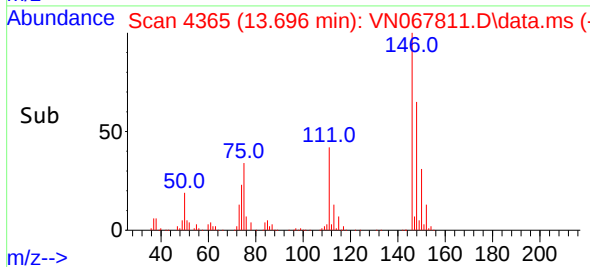
Tgt Ion:146 Resp: 619783  
Ion Ratio Lower Upper  
146 100  
111 41.0 24.3 72.8  
148 63.6 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 53.260 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



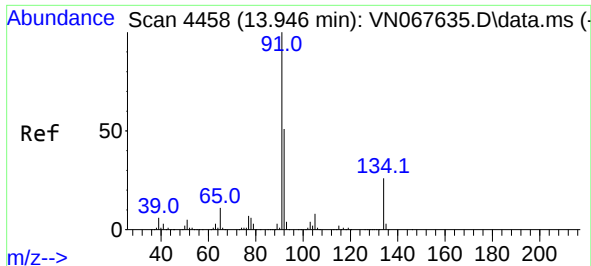
Tgt Ion:146 Resp: 606642  
Ion Ratio Lower Upper  
146 100  
111 40.3 23.4 70.2  
148 64.0 31.8 95.3



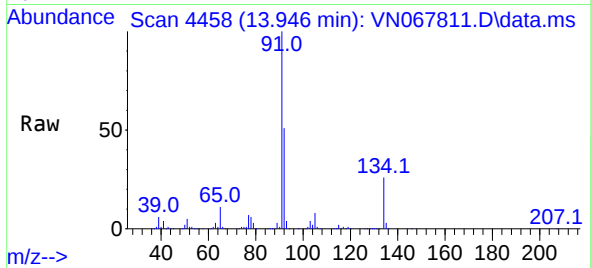
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

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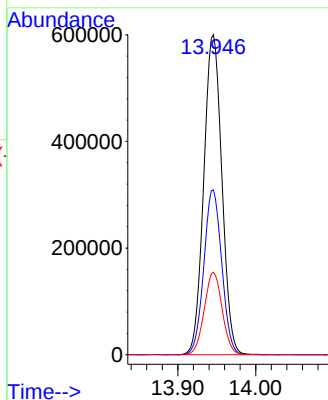
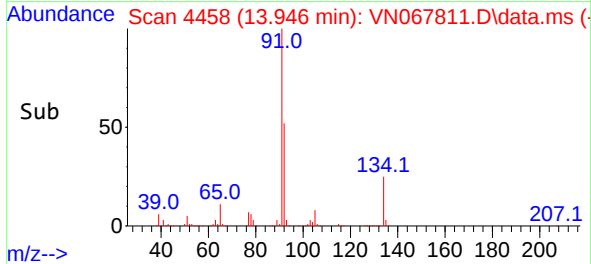
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#89  
n-Butylbenzene  
Concen: 54.153 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



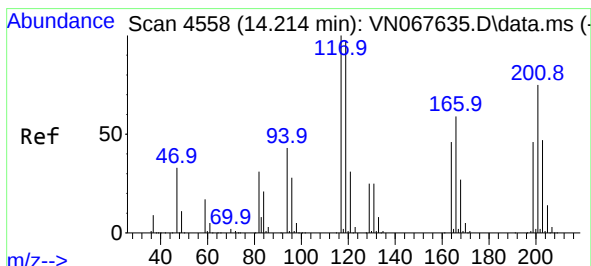
Tgt Ion: 91 Resp: 971248  
Ion Ratio Lower Upper  
91 100  
92 50.9 25.7 77.1  
134 25.5 11.2 33.6



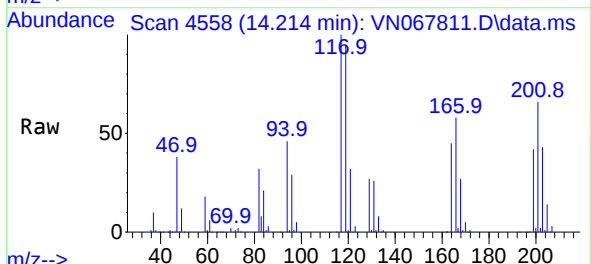
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

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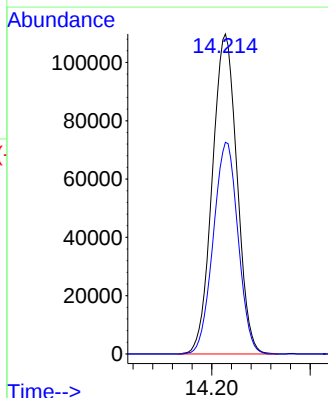
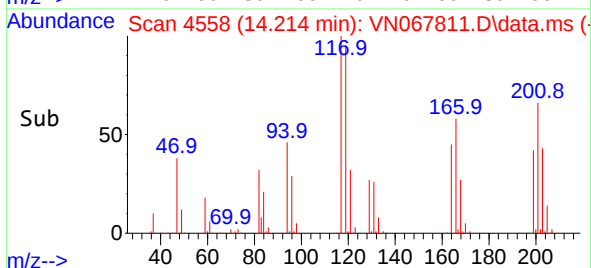
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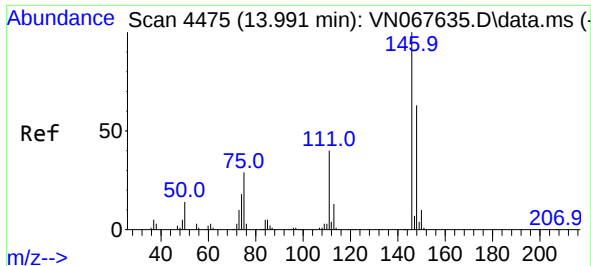


#90  
Hexachloroethane  
Concen: 55.096 ug/l  
RT: 14.214 min Scan# 4558  
Delta R.T. -0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



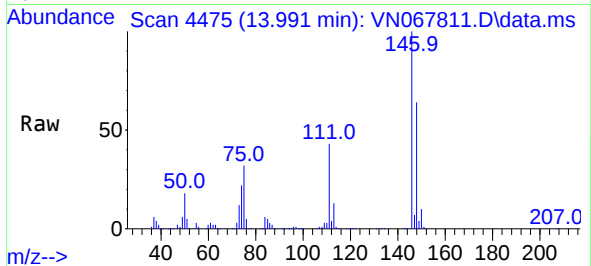
Tgt Ion: 117 Resp: 191339  
Ion Ratio Lower Upper  
117 100  
201 66.5 33.5 100.5





#91  
1,2-Dichlorobenzene  
Concen: 54.454 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

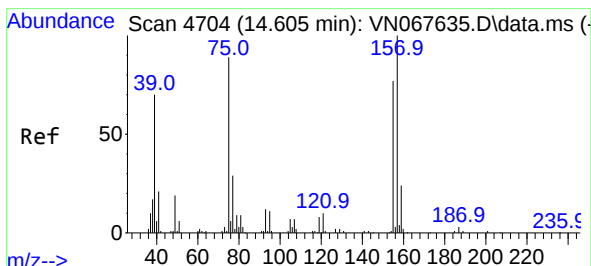
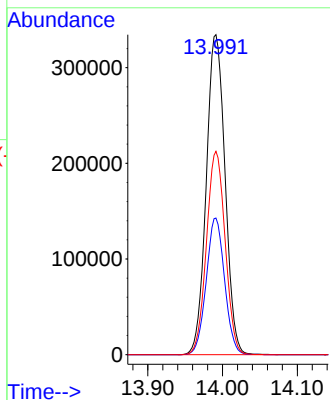
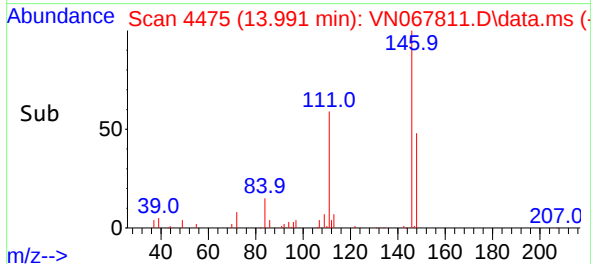
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



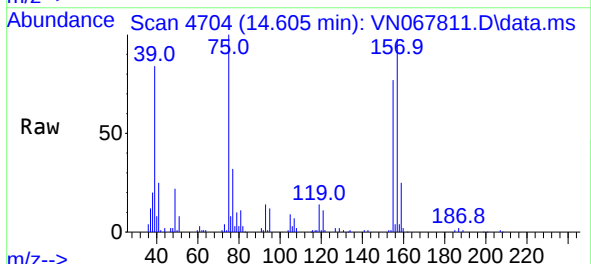
Tgt Ion:146 Resp: 584772  
Ion Ratio Lower Upper  
146 100  
111 41.7 24.9 74.6  
148 63.3 31.6 95.0

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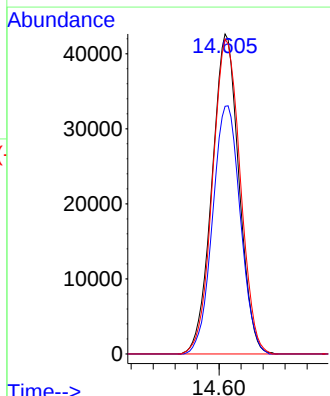
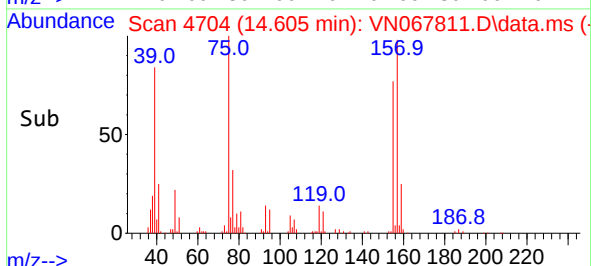
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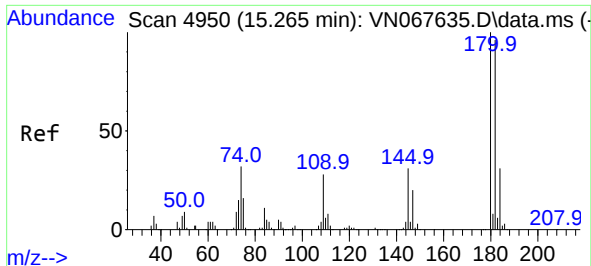


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 53.051 ug/l  
RT: 14.605 min Scan# 4704  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



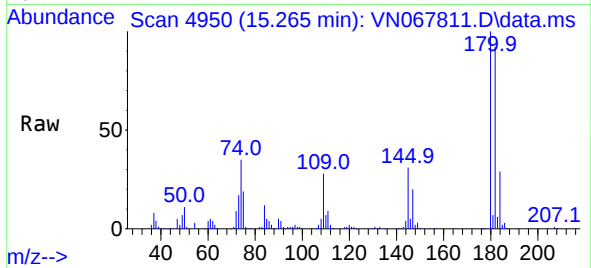
Tgt Ion: 75 Resp: 72455  
Ion Ratio Lower Upper  
75 100  
155 80.0 29.8 89.5  
157 101.4 37.6 112.8





#93  
1,2,4-Trichlorobenzene  
Concen: 47.391 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

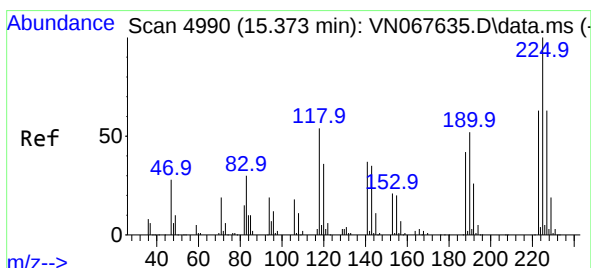
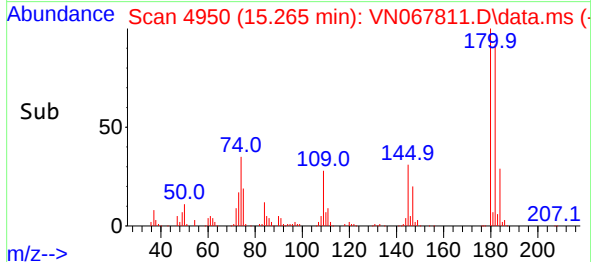
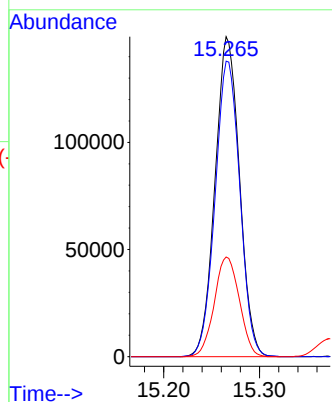
Instrument :  
MSVOA\_N  
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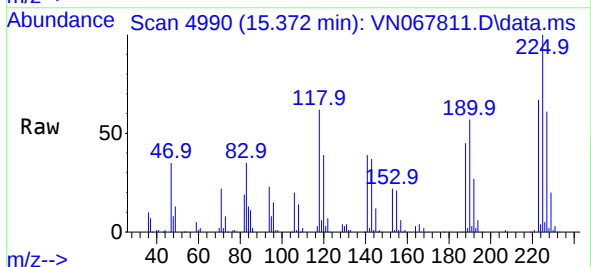
Tgt Ion:180 Resp: 264284  
Ion Ratio Lower Upper  
180 100  
182 93.3 47.5 142.5  
145 31.9 17.2 51.6

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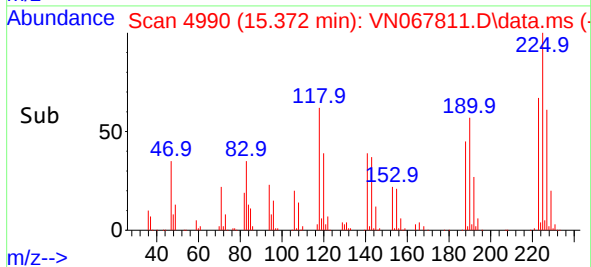
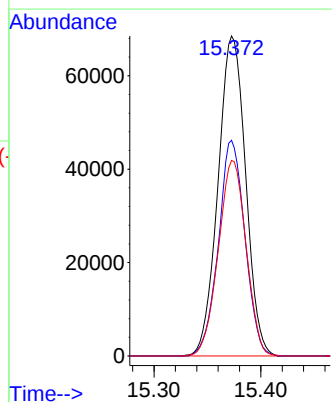
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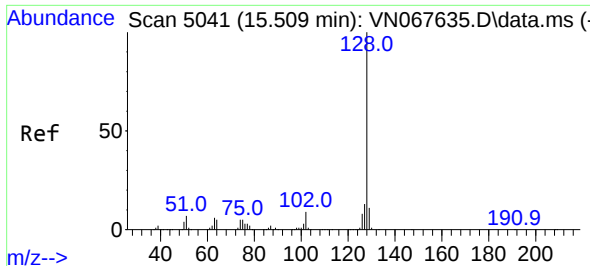


#94  
Hexachlorobutadiene  
Concen: 54.531 ug/l  
RT: 15.372 min Scan# 4990  
Delta R.T. -0.001 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12

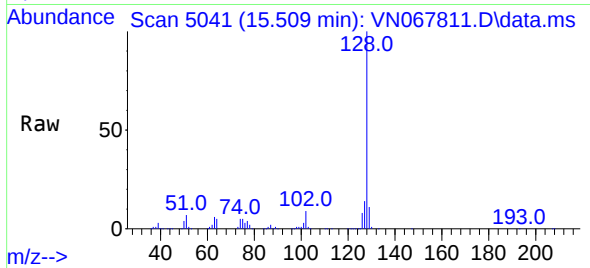


Tgt Ion:225 Resp: 123050  
Ion Ratio Lower Upper  
225 100  
223 64.8 31.4 94.0  
227 61.3 31.2 93.6

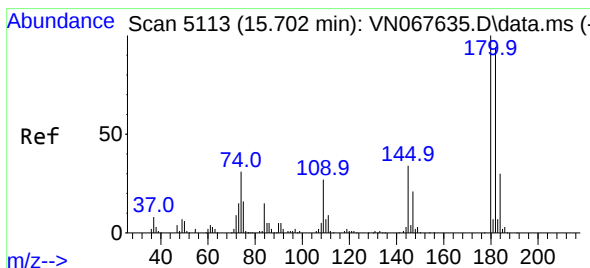
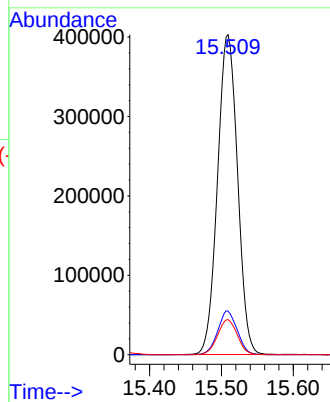
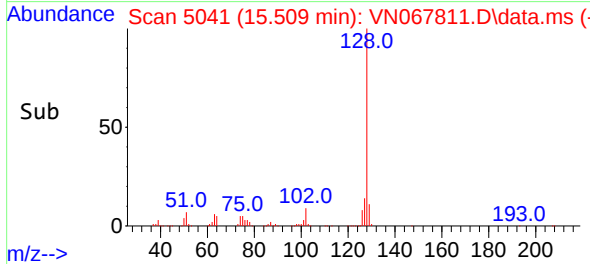




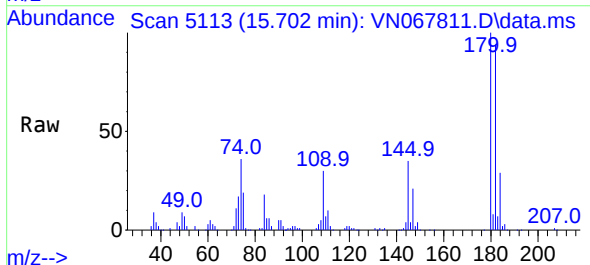
#95  
Naphthalene  
Concen: 47.451 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



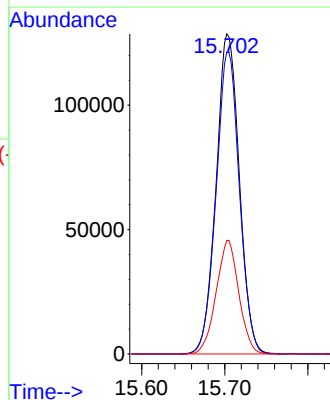
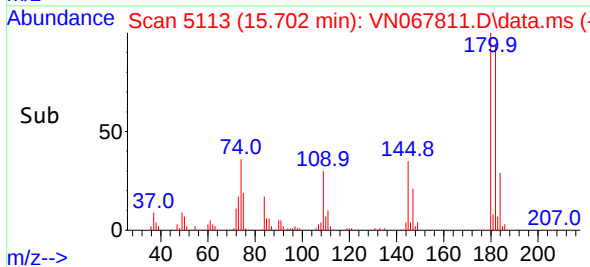
Tgt Ion:128 Resp: 777498  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.6 15.8  
129 10.8 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 46.795 ug/l  
RT: 15.702 min Scan# 5113  
Delta R.T. 0.000 min  
Lab File: VN067811.D  
Acq: 20 Jul 2021 12:12



Tgt Ion:180 Resp: 249969  
Ion Ratio Lower Upper  
180 100  
182 94.7 47.8 143.3  
145 34.7 18.2 54.6



Instrument :  
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