

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041321\  
 Data File : VN066591.D  
 Acq On : 13 Apr 2021 20:38  
 Operator : JC/MD  
 Sample : VSTDCCC020  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

Manual Integrations  
 APPROVED

MMDadoda  
 4/14/2021 1:47:23 PM

Quant Time: Apr 14 13:19:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N041321W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Apr 14 12:32:37 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response           | Conc  | Units  | Dev(Min) |
|------------------------------|----------------|------|--------------------|-------|--------|----------|
| -----                        |                |      |                    |       |        |          |
| Internal Standards           |                |      |                    |       |        |          |
| 1) Bromochloromethane        | 7.099          | 128  | 46113              | 30.00 | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.510          | 114  | 210215             | 30.00 | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.347         | 117  | 211124             | 30.00 | ug/l   | 0.00     |
|                              |                |      |                    |       |        |          |
| System Monitoring Compounds  |                |      |                    |       |        |          |
| 27) 1,2-Dichloroethane-d4    | 7.944          | 65   | 128743             | 30.28 | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 110 |      | Recovery = 100.93% |       |        |          |
| 60) 4-Bromofluorobenzene     | 12.345         | 95   | 97562              | 30.35 | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 63 - 112 |      | Recovery = 101.17% |       |        |          |
| 63) Toluene-d8               | 10.025         | 98   | 312119             | 30.85 | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 112 |      | Recovery = 102.83% |       |        |          |
|                              |                |      |                    |       |        |          |
| Target Compounds             |                |      |                    |       |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.816          | 85   | 58223              | 17.50 | ug/l   | 90       |
| 3) Chloromethane             | 2.017          | 50   | 86088              | 18.45 | ug/l   | 97       |
| 4) Vinyl Chloride            | 2.143          | 62   | 75238              | 17.61 | ug/l   | 99       |
| 5) Bromomethane              | 2.508          | 94   | 49591              | 17.37 | ug/l   | 97       |
| 6) Chloroethane              | 2.647          | 64   | 55067              | 19.33 | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 2.955          | 101  | 112261             | 18.26 | ug/l   | 99       |
| 8) Diethyl Ether             | 3.336          | 74   | 39778              | 17.54 | ug/l   | 66       |
| 9) 1,1,2-Trichlorotrifluo... | 3.672          | 101  | 56666              | 17.85 | ug/l   | 89       |
| 10) 1,1-Dichloroethene       | 3.656          | 96   | 55804              | 18.03 | ug/l   | 84       |
| 11) Methyl Iodide            | 3.865          | 142  | 67386              | 17.56 | ug/l   | 89       |
| 12) Methyl Acetate           | 4.232          | 43   | 106260             | 16.54 | ug/l # | 88       |
| 13) Acrolein                 | 3.527          | 56   | 56570              | 82.04 | ug/l   | 99       |
| 14) Acrylonitrile            | 4.873          | 53   | 139450m            | 81.86 | ug/l   |          |
| 15) Acetone                  | 3.733          | 58   | 45782              | 72.95 | ug/l   | 79       |
| 16) Carbon Disulfide         | 3.956          | 76   | 182340             | 17.13 | ug/l   | 99       |
| 17) Allyl chloride           | 4.221          | 41   | 153655             | 18.79 | ug/l   | 93       |
| 18) Methylene Chloride       | 4.444          | 84   | 58090              | 16.57 | ug/l # | 82       |
| 19) trans-1,2-Dichloroethene | 4.921          | 96   | 52302              | 17.67 | ug/l   | 94       |
| 20) Diisopropyl ether        | 5.857          | 45   | 217532             | 18.24 | ug/l # | 94       |
| 21) 1,1-Dichloroethane       | 5.739          | 63   | 113168             | 17.86 | ug/l   | 99       |
| 22) cis-1,2-Dichloroethene   | 6.729          | 96   | 56121              | 17.50 | ug/l   | 91       |
| 23) tert-Butyl Alcohol       | 4.710          | 59   | 44193m             | 77.91 | ug/l   |          |
| 24) Methyl tert-Butyl Ether  | 4.943          | 73   | 158463             | 17.02 | ug/l   | 91       |
| 25) Chloroform               | 7.279          | 83   | 108934             | 17.51 | ug/l   | 91       |
| 26) Cyclohexane              | 7.563          | 56   | 81861              | 15.13 | ug/l # | 96       |
| 29) 1,1-Dichloropropene      | 7.705          | 75   | 72779              | 17.39 | ug/l   | 96       |
| 30) 2-Butanone               | 6.740          | 43   | 192890             | 81.55 | ug/l # | 90       |
| 31) 2,2-Dichloropropane      | 6.718          | 77   | 89966              | 17.62 | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 7.480          | 97   | 98243              | 19.13 | ug/l   | 97       |
| 33) Carbon Tetrachloride     | 7.684          | 117  | 81178              | 18.74 | ug/l   | 92       |
| 34) Benzene                  | 7.957          | 78   | 232150             | 18.47 | ug/l # | 92       |
| 35) Methacrylonitrile        | 7.075          | 41   | 36923              | 16.10 | ug/l   | 91       |
| 36) 1,2-Dichloroethane       | 8.043          | 62   | 94835              | 18.53 | ug/l   | 96       |
| 37) Trichloroethene          | 8.762          | 130  | 50464              | 17.71 | ug/l   | 99       |
| 38) Methylcyclohexane        | 9.009          | 83   | 68180              | 16.46 | ug/l   | 84       |
| 39) 1,2-Dichloropropane      | 9.046          | 63   | 66319              | 18.72 | ug/l   | 98       |
| 40) Dibromomethane           | 9.137          | 93   | 41511              | 18.58 | ug/l   | 89       |
| 41) Bromodichloromethane     | 9.333          | 83   | 89074              | 18.26 | ug/l   | 98       |
| 42) Vinyl Acetate            | 5.793          | 43   | 857846             | 86.93 | ug/l # | 95       |

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 Sample : VSTDCCC020  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

Manual Integrations  
 APPROVED

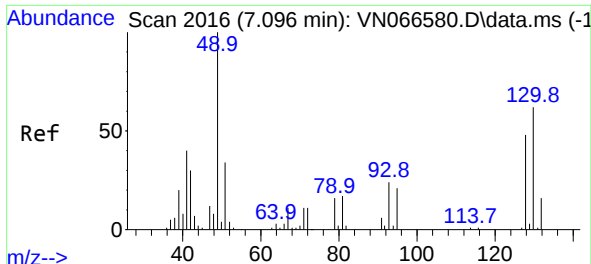
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 4/14/2021 1:47:23 PM

Quant Time: Apr 14 13:19:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N041321W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Apr 14 12:32:37 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 43) Ethyl Acetate             | 6.839  | 43   | 81050    | 15.42  | ug/l # | 84       |
| 44) Isopropyl Acetate         | 8.089  | 43   | 141842m  | 17.24  | ug/l   |          |
| 45) 1,4-Dioxane               | 9.135  | 88   | 15750    | 351.59 | ug/l # | 93       |
| 46) Methyl methacrylate       | 9.132  | 41   | 62429    | 16.59  | ug/l   | 92       |
| 47) n-amyl Acetate            | 12.026 | 43   | 32302    | 13.52  | ug/l   | 99       |
| 48) t-1,3-Dichloropropene     | 10.318 | 75   | 81172    | 17.12  | ug/l   | 99       |
| 49) cis-1,3-Dichloropropene   | 9.776  | 75   | 88294    | 17.49  | ug/l   | 93       |
| 50) 1,1,2-Trichloroethane     | 10.500 | 97   | 57229    | 18.96  | ug/l   | 97       |
| 51) Ethyl methacrylate        | 10.368 | 69   | 63415    | 16.50  | ug/l   | 87       |
| 52) 1,3-Dichloropropane       | 10.645 | 76   | 96400    | 18.65  | ug/l   | 98       |
| 53) Dibromochloromethane      | 10.841 | 129  | 61241    | 18.62  | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 10.945 | 107  | 54162    | 18.29  | ug/l   | 100      |
| 55) 2-Chloroethyl vinyl ether | 9.631  | 63   | 31227    | 87.85  | ug/l   | 99       |
| 56) Bromoform                 | 12.069 | 173  | 37741    | 17.68  | ug/l # | 98       |
| 58) 4-Methyl-2-Pentanone      | 9.921  | 43   | 431888   | 86.56  | ug/l # | 91       |
| 59) 2-Hexanone                | 10.693 | 43   | 269022   | 83.19  | ug/l   | 91       |
| 61) Tetrachloroethene         | 10.570 | 164  | 42943    | 16.61  | ug/l   | 92       |
| 62) Toluene                   | 10.090 | 91   | 238490   | 18.29  | ug/l   | 100      |
| 64) Chlorobenzene             | 11.374 | 112  | 134738   | 17.83  | ug/l   | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 11.449 | 131  | 58010    | 18.64  | ug/l   | 98       |
| 66) Ethyl Benzene             | 11.452 | 91   | 238136   | 17.86  | ug/l   | 94       |
| 67) m/p-Xylenes               | 11.562 | 106  | 176641   | 35.54  | ug/l   | 97       |
| 68) o-Xylene                  | 11.889 | 106  | 80669    | 17.73  | ug/l   | 95       |
| 69) Styrene                   | 11.905 | 104  | 131023   | 17.33  | ug/l   | 96       |
| 70) Isopropylbenzene          | 12.192 | 105  | 217332   | 18.03  | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 12.447 | 83   | 83228    | 18.36  | ug/l # | 94       |
| 72) 1,2,3-Trichloropropane    | 12.498 | 75   | 71896m   | 17.53  | ug/l   |          |
| 73) Bromobenzene              | 12.466 | 156  | 53472    | 18.11  | ug/l   | 86       |
| 74) n-propylbenzene           | 12.536 | 91   | 255465   | 17.92  | ug/l   | 97       |
| 75) 2-Chlorotoluene           | 12.616 | 91   | 157216   | 17.61  | ug/l   | 98       |
| 76) 1,3,5-Trimethylbenzene    | 12.678 | 105  | 181804   | 17.81  | ug/l   | 100      |
| 77) t-1,4-Dichloro-2-butene   | 12.249 | 75   | 16336    | 17.01  | ug/l   | 92       |
| 78) 4-Chlorotoluene           | 12.718 | 91   | 152417   | 18.31  | ug/l   | 97       |
| 79) tert-butylbenzene         | 12.938 | 119  | 150481   | 17.94  | ug/l   | 97       |
| 80) 1,2,4-Trimethylbenzene    | 12.983 | 105  | 179550   | 18.66  | ug/l   | 95       |
| 81) sec-Butylbenzene          | 13.115 | 105  | 201472   | 17.59  | ug/l   | 97       |
| 82) p-Isopropyltoluene        | 13.233 | 119  | 172199   | 18.00  | ug/l   | 97       |
| 83) 1,3-Dichlorobenzene       | 13.227 | 146  | 94419    | 18.27  | ug/l   | 97       |
| 84) 1,4-Dichlorobenzene       | 13.308 | 146  | 85218    | 16.51  | ug/l   | 96       |
| 85) n-Butylbenzene            | 13.563 | 91   | 126138   | 14.94  | ug/l   | 98       |
| 86) Hexachloroethane          | 13.815 | 117  | 41872    | 18.13  | ug/l   | 85       |
| 87) 1,2-Dichlorobenzene       | 13.598 | 146  | 88944    | 17.61  | ug/l   | 95       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.241 | 75   | 14702m   | 17.92  | ug/l   |          |
| 89) 1,2,4-Trichlorobenzene    | 14.981 | 180  | 44081    | 15.18  | ug/l   | 98       |
| 90) Hexachlorobutadiene       | 15.108 | 225  | 26688    | 15.93  | ug/l   | 79       |
| 91) Naphthalene               | 15.266 | 128  | 102004   | 12.40  | ug/l   | 97       |
| 92) 1,2,3-Trichlorobenzene    | 15.502 | 180  | 43469    | 14.55  | ug/l   | 98       |

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





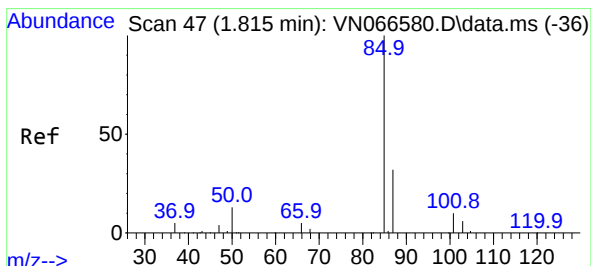
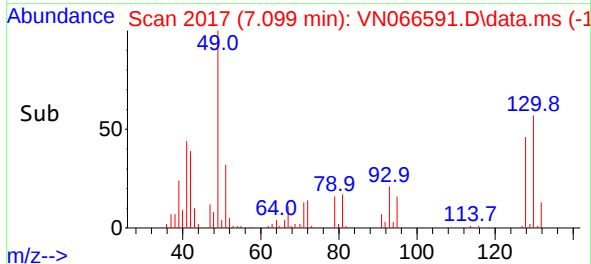
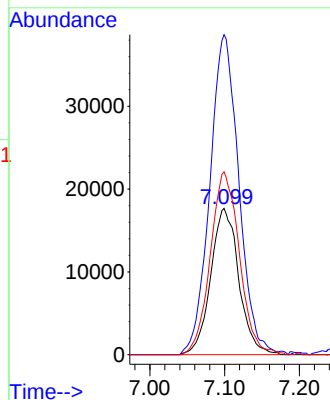
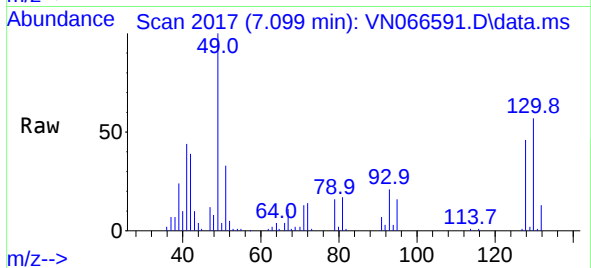
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Bromochloromethane  
Concen: 30.00 ug/l  
RT: 7.099 min Scan# 2017  
Delta R.T. -0.008 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 46113 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 49       | 225.6 | 0.0   | 429.3 |
| 130      | 129.9 | 0.0   | 328.5 |

Instrument :  
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VSTDCCC020EC

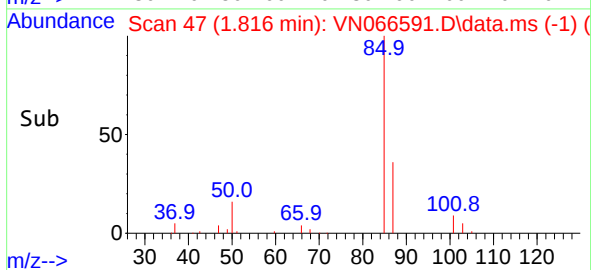
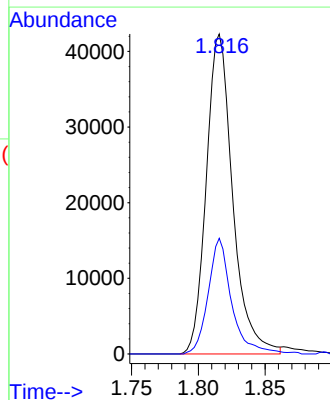
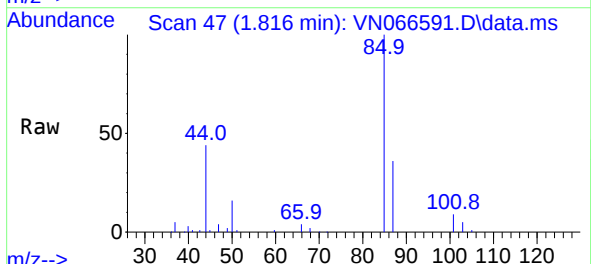
Manual Integrations  
APPROVED

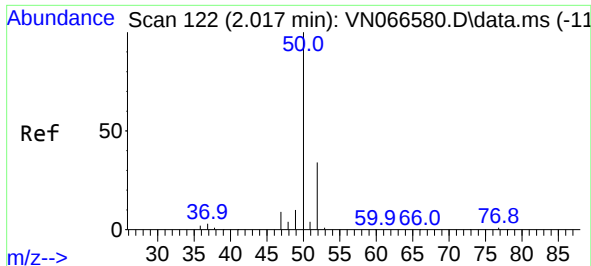
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4/14/2021 1:47:23 PM



#2  
Dichlorodifluoromethane  
Concen: 17.50 ug/l  
RT: 1.816 min Scan# 47  
Delta R.T. -0.002 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

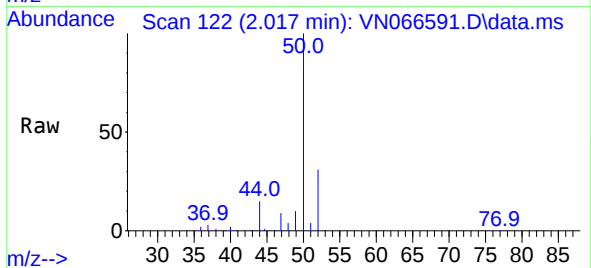
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 85    | Resp: | 58223 |
| Ion      | Ratio | Lower | Upper |
| 85       | 100   |       |       |
| 87       | 36.1  | 15.4  | 46.4  |



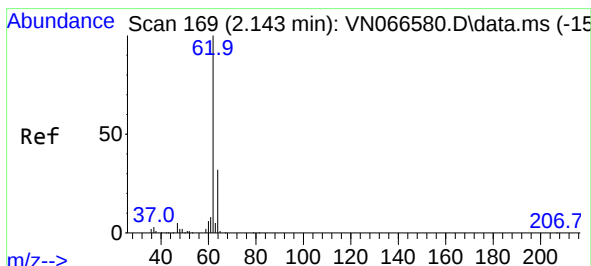
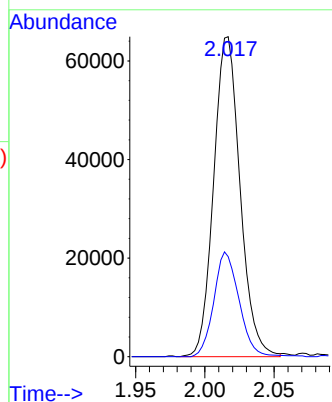
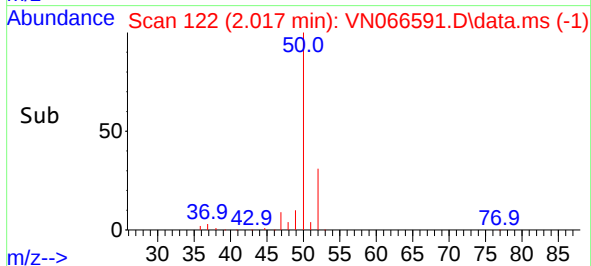


#3  
Chloromethane  
Concen: 18.45 ug/l  
RT: 2.017 min Scan# 122  
Delta R.T. -0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

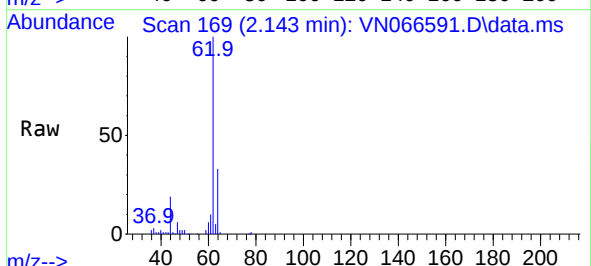
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



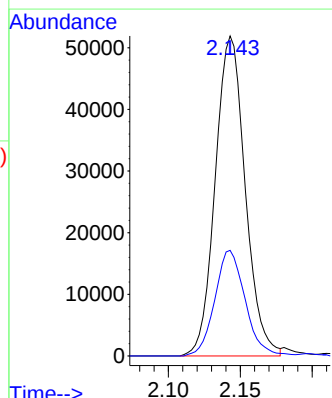
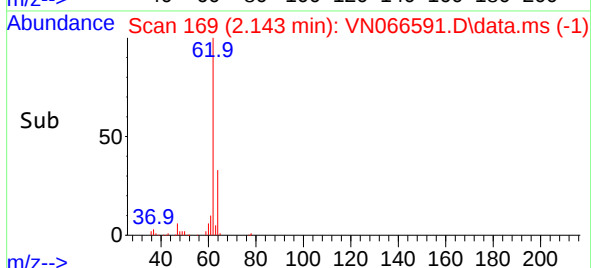
Tgt Ion: 50 Resp: 86088  
Ion Ratio Lower Upper  
50 100  
52 31.3 26.2 39.4

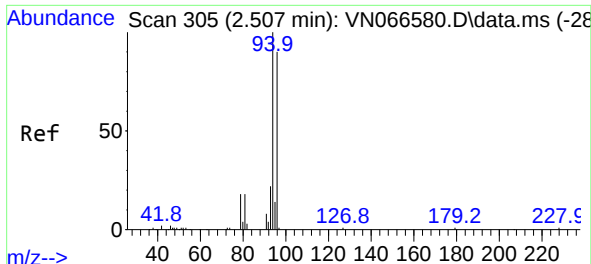


#4  
Vinyl Chloride  
Concen: 17.61 ug/l  
RT: 2.143 min Scan# 169  
Delta R.T. -0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



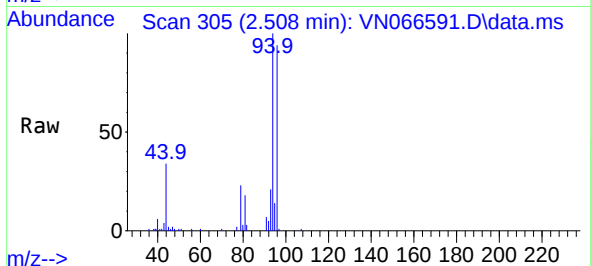
Tgt Ion: 62 Resp: 75238  
Ion Ratio Lower Upper  
62 100  
64 33.0 25.8 38.6





#5  
Bromomethane  
Concen: 17.37 ug/l  
RT: 2.508 min Scan# 305  
Delta R.T. 0.006 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

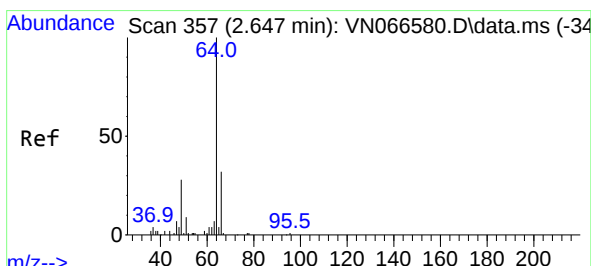
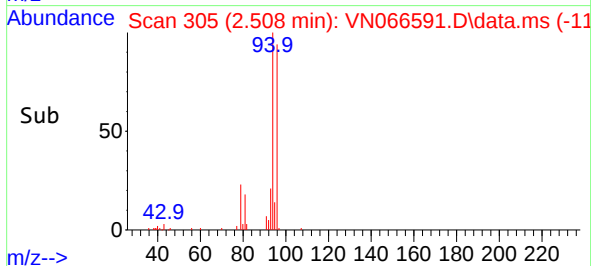
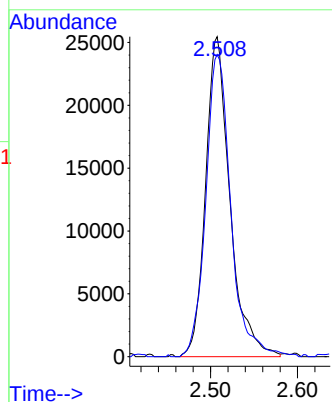
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



Tgt Ion: 94 Resp: 49591  
Ion Ratio Lower Upper  
94 100  
96 94.4 77.8 116.8

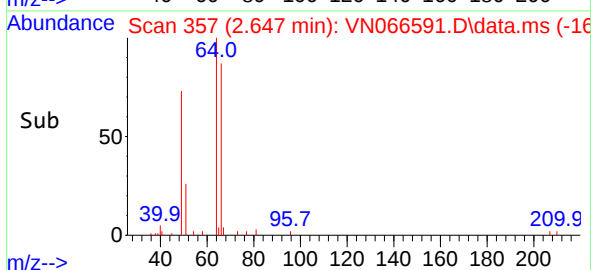
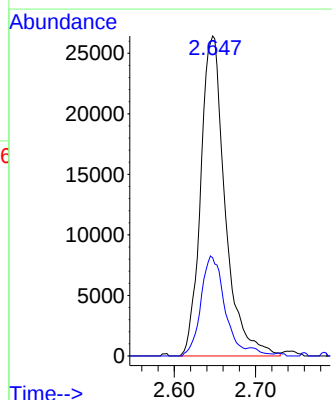
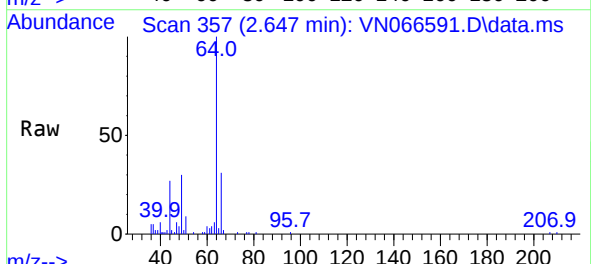
Manual Integrations  
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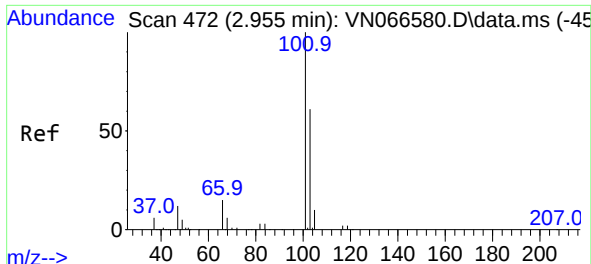
MMDadoda  
4/14/2021 1:47:23 PM



#6  
Chloroethane  
Concen: 19.33 ug/l  
RT: 2.647 min Scan# 357  
Delta R.T. 0.005 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

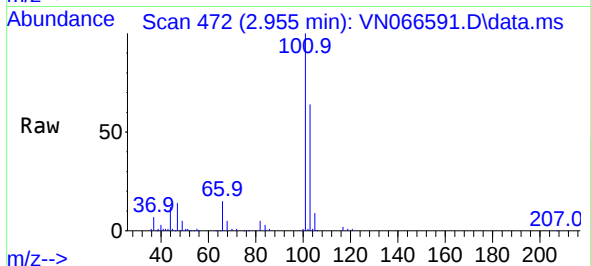
Tgt Ion: 64 Resp: 55067  
Ion Ratio Lower Upper  
64 100  
66 30.6 24.2 36.4





#7  
Trichlorofluoromethane  
Concen: 18.26 ug/l  
RT: 2.955 min Scan# 472  
Delta R.T. 0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

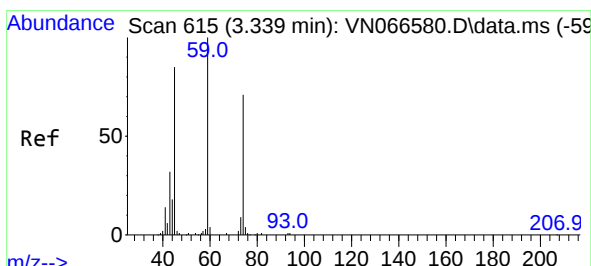
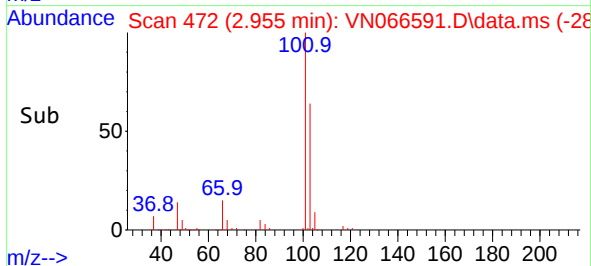
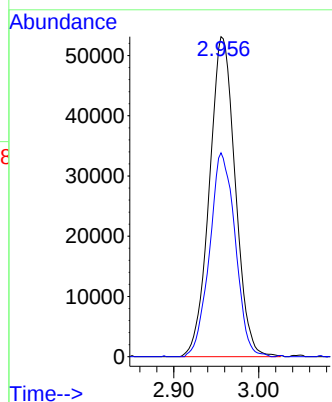
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



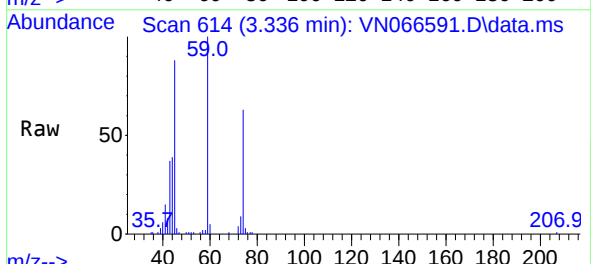
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Ion Ratio Lower Upper  
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Manual Integrations  
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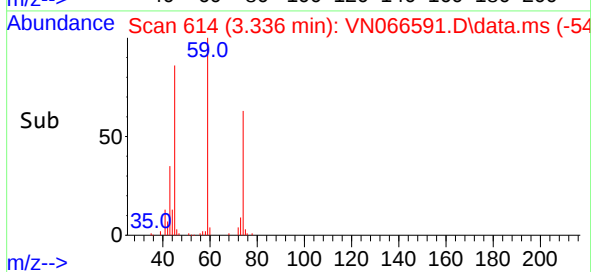
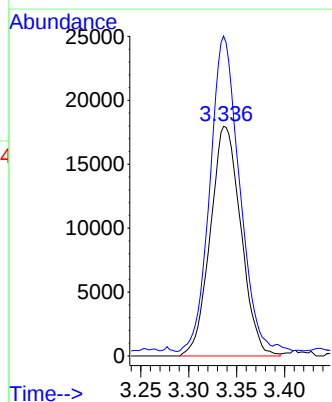
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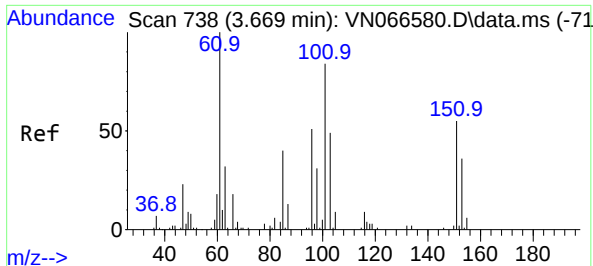


#8  
Diethyl Ether  
Concen: 17.54 ug/l  
RT: 3.336 min Scan# 614  
Delta R.T. -0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



Tgt Ion: 74 Resp: 39778  
Ion Ratio Lower Upper  
74 100  
45 132.0 19.6 176.4





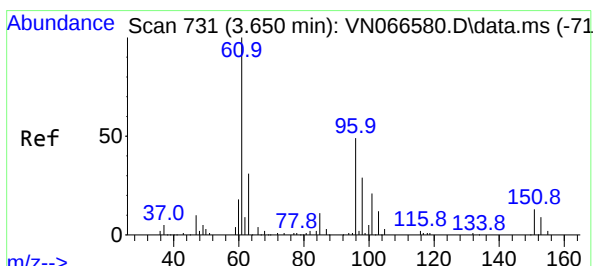
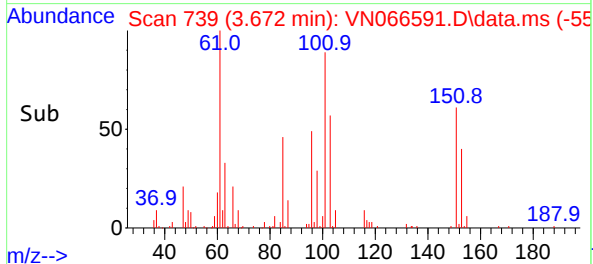
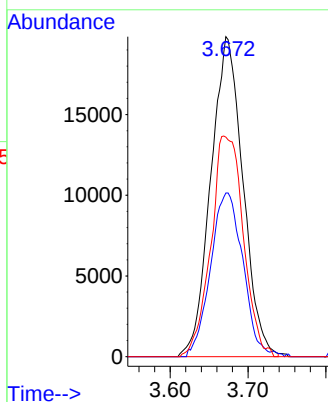
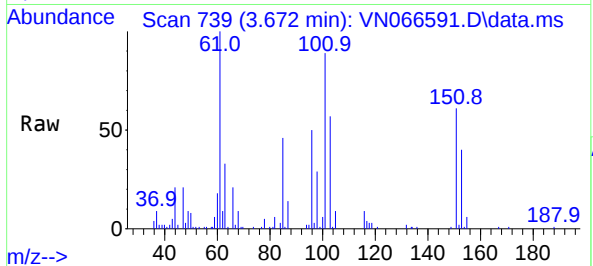
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.85 ug/l  
RT: 3.672 min Scan# 739  
Delta R.T. -0.005 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

Tgt Ion:101 Resp: 56666  
Ion Ratio Lower Upper  
101 100  
85 51.4 0.0 90.6  
151 69.5 0.0 159.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

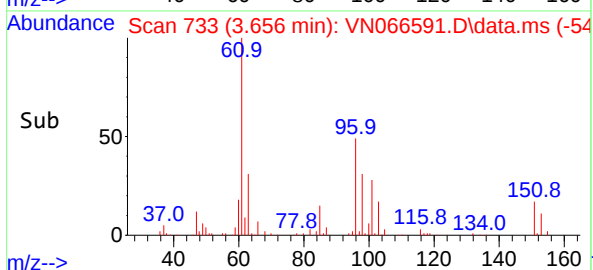
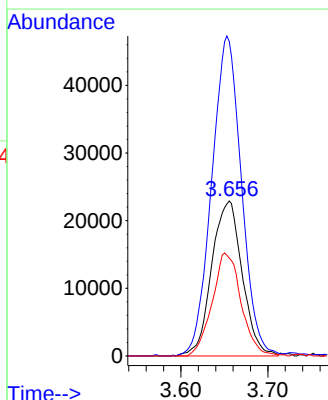
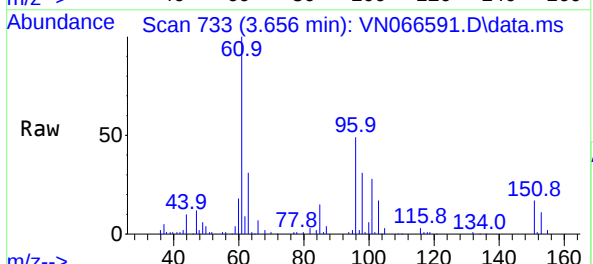
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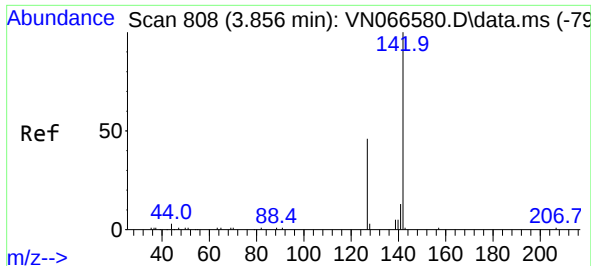
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#10  
1,1-Dichloroethene  
Concen: 18.03 ug/l  
RT: 3.656 min Scan# 733  
Delta R.T. -0.002 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

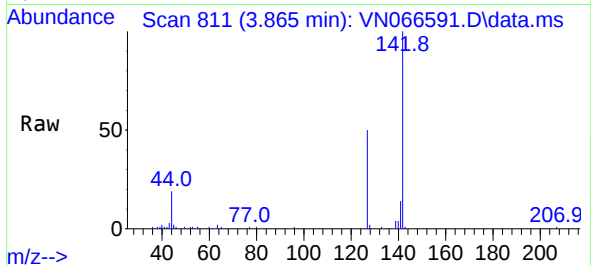
Tgt Ion: 96 Resp: 55804  
Ion Ratio Lower Upper  
96 100  
61 202.1 139.6 209.4  
98 63.1 53.7 80.5





#11  
Methyl Iodide  
Concen: 17.56 ug/l  
RT: 3.865 min Scan# 811  
Delta R.T. -0.005 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

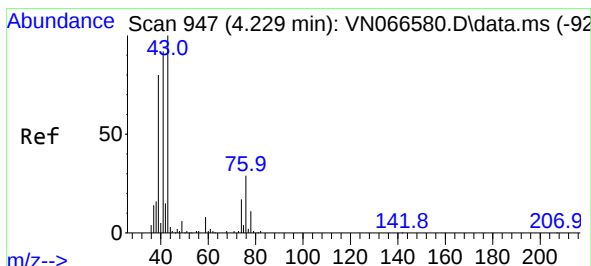
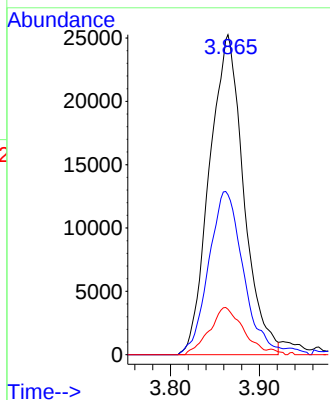
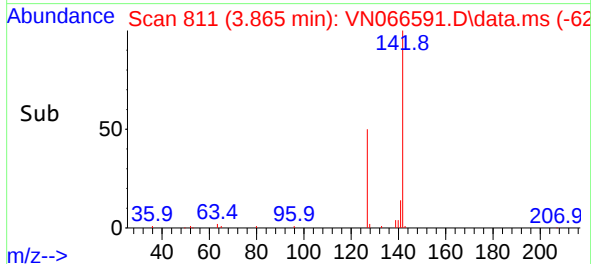
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



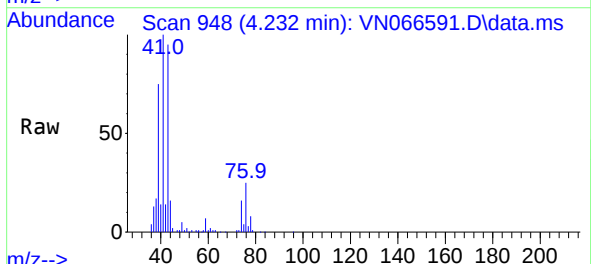
Tgt Ion:142 Resp: 67386  
Ion Ratio Lower Upper  
142 100  
127 49.8 20.5 61.6  
141 14.0 7.4 22.3

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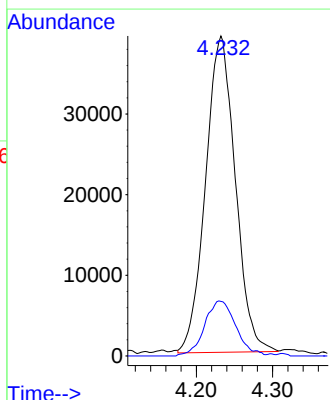
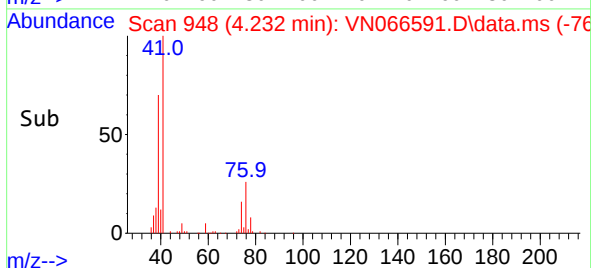
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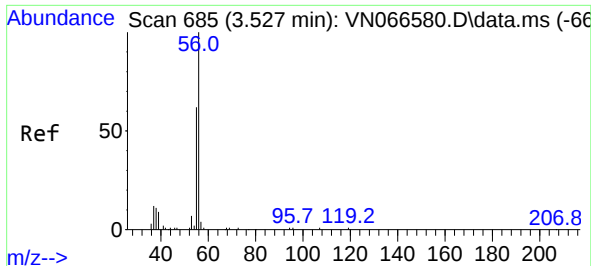


#12  
Methyl Acetate  
Concen: 16.54 ug/l  
RT: 4.232 min Scan# 948  
Delta R.T. 0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



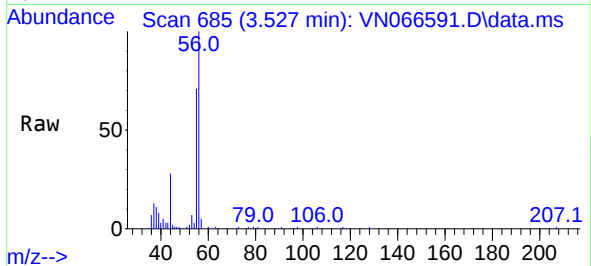
Tgt Ion: 43 Resp: 106260  
Ion Ratio Lower Upper  
43 100  
74 16.8 18.0 27.0#





#13  
Acrolein  
Concen: 82.04 ug/l  
RT: 3.527 min Scan# 685  
Delta R.T. -0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

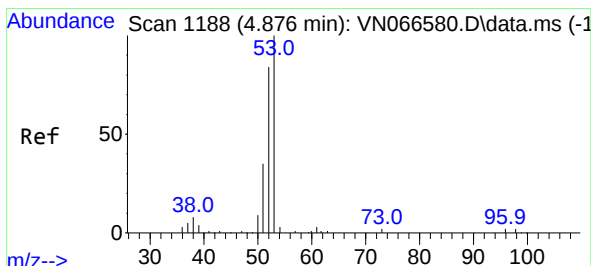
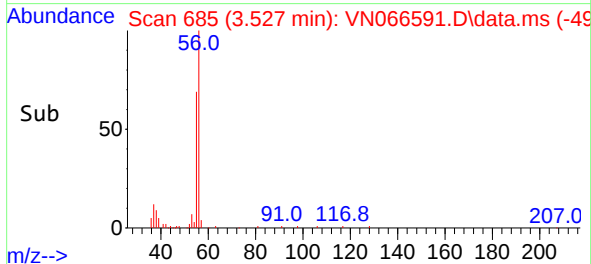
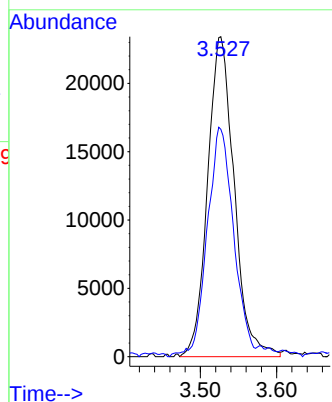
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



Tgt Ion: 56 Resp: 56570  
Ion Ratio Lower Upper  
56 100  
55 68.2 54.1 81.1

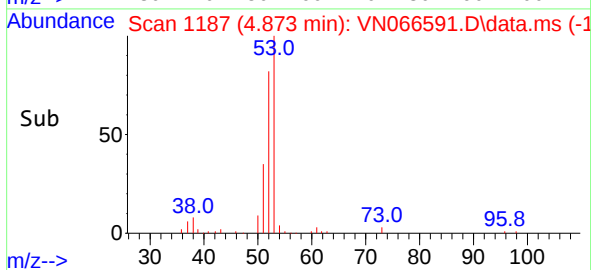
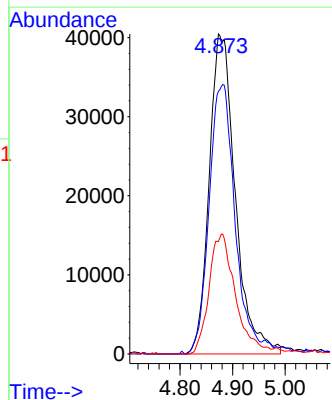
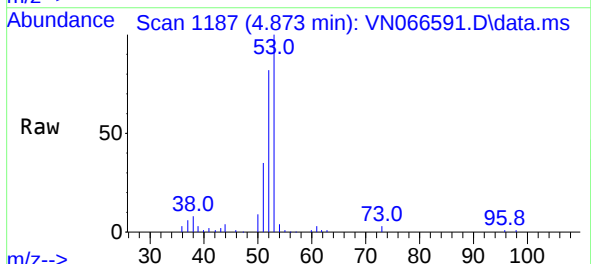
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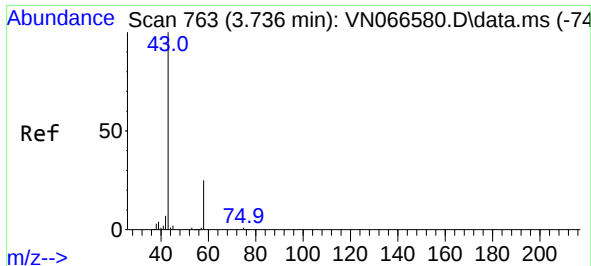
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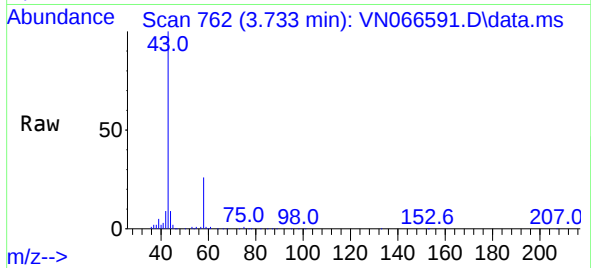
#14  
Acrylonitrile  
Concen: 81.86 ug/l m  
RT: 4.873 min Scan# 1187  
Delta R.T. -0.005 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

Tgt Ion: 53 Resp: 139450  
Ion Ratio Lower Upper  
53 100  
52 82.8 41.0 123.0  
51 14.6 17.8 53.4#

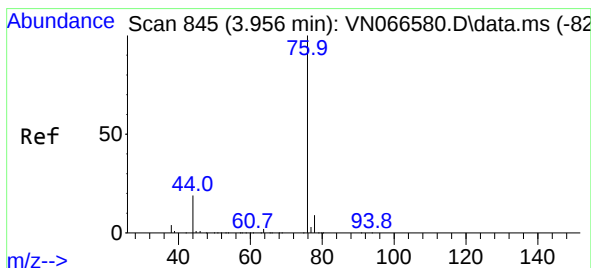
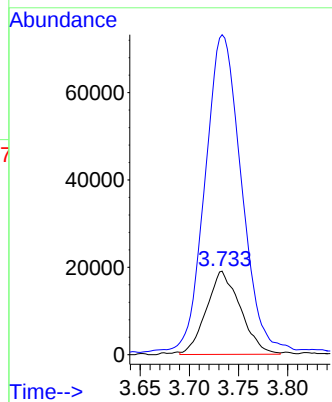
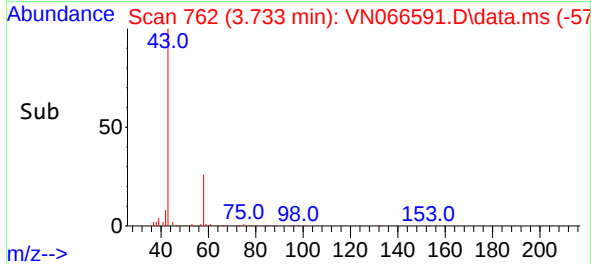




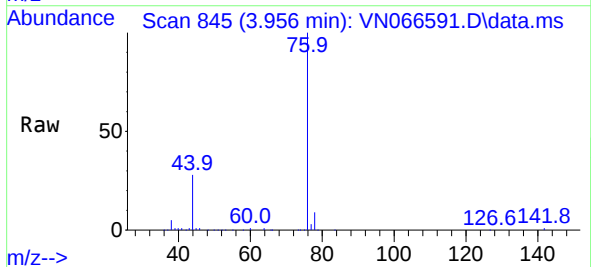
#15  
Acetone  
Concen: 72.95 ug/l  
RT: 3.733 min Scan# 762  
Delta R.T. 0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



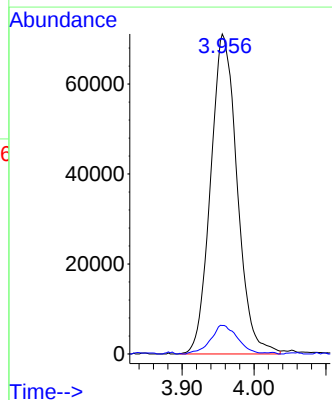
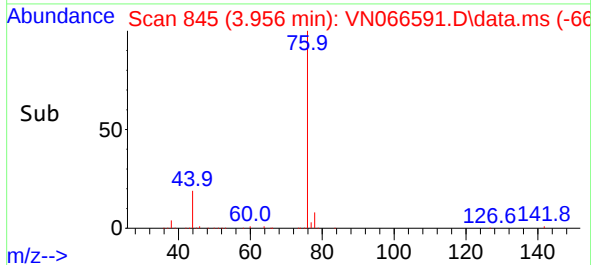
Tgt Ion: 58 Resp: 45782  
Ion Ratio Lower Upper  
58 100  
43 379.0 267.3 400.9



#16  
Carbon Disulfide  
Concen: 17.13 ug/l  
RT: 3.956 min Scan# 845  
Delta R.T. -0.011 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



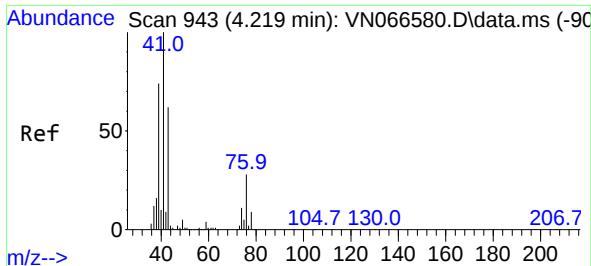
Tgt Ion: 76 Resp: 182340  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.0 10.6



Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

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#17

Allyl chloride

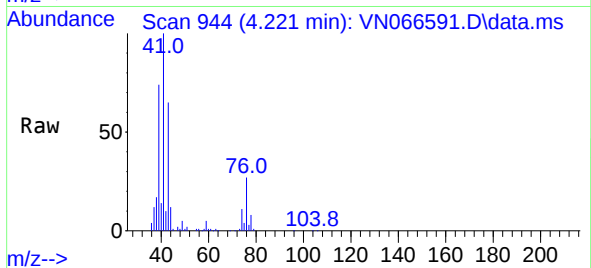
Concen: 18.79 ug/l

RT: 4.221 min Scan# 944

Delta R.T. -0.008 min

Lab File: VN066591.D

Acq: 13 Apr 2021 20:38



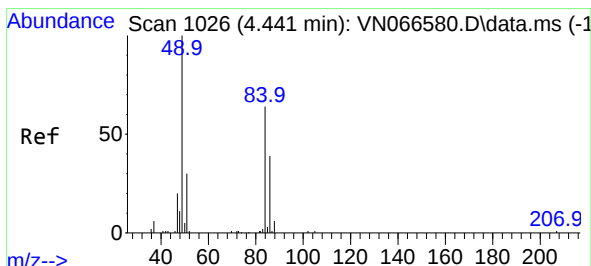
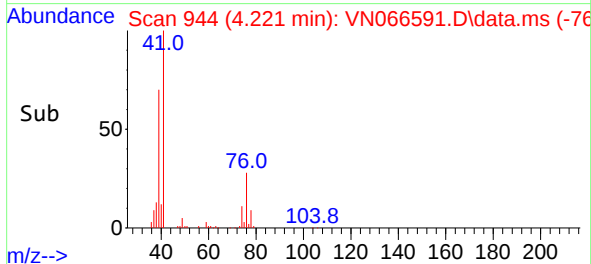
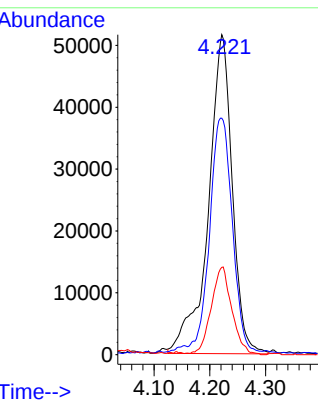
Tgt Ion: 41 Resp: 153655

Ion Ratio Lower Upper

41 100

39 73.6 38.6 116.0

76 27.2 17.6 52.8



#18

Methylene Chloride

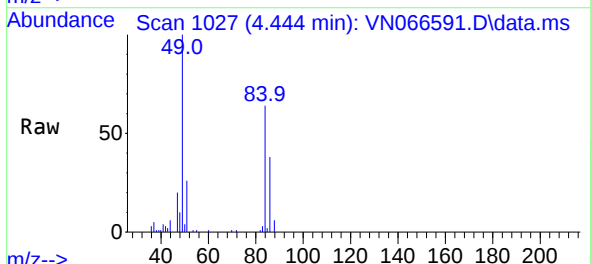
Concen: 16.57 ug/l

RT: 4.444 min Scan# 1027

Delta R.T. -0.008 min

Lab File: VN066591.D

Acq: 13 Apr 2021 20:38



Tgt Ion: 84 Resp: 58090

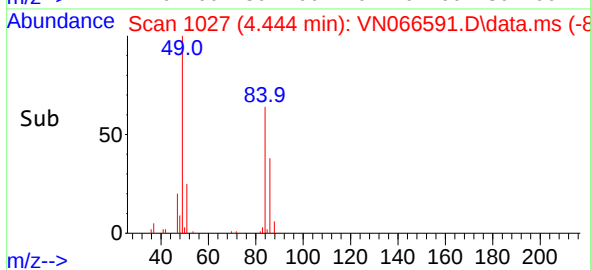
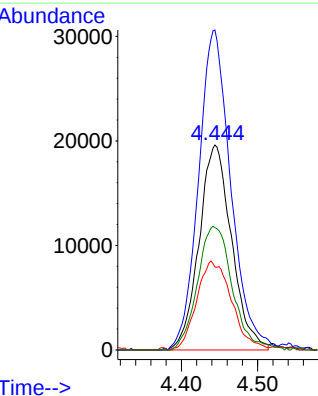
Ion Ratio Lower Upper

84 100

49 156.1 98.9 148.3#

51 40.5 30.8 46.2

86 59.7 51.0 76.4



Instrument :

MSVOA\_N

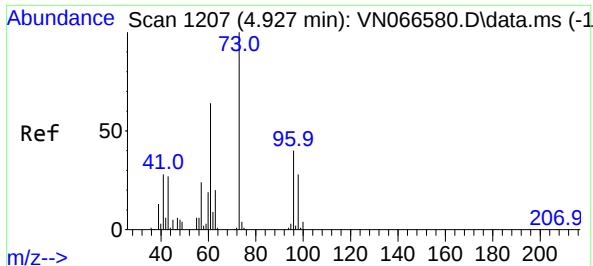
ClientSampleId :

VSTDCCC020EC

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#19

trans-1,2-Dichloroethene  
Concen: 17.67 ug/l  
RT: 4.921 min Scan# 1205  
Delta R.T. -0.011 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

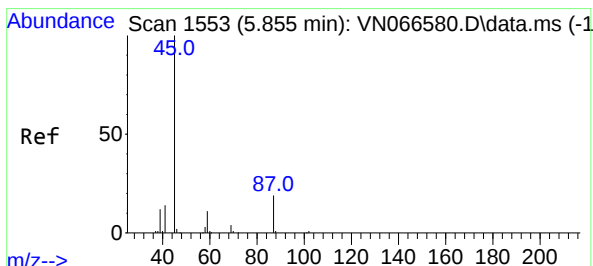
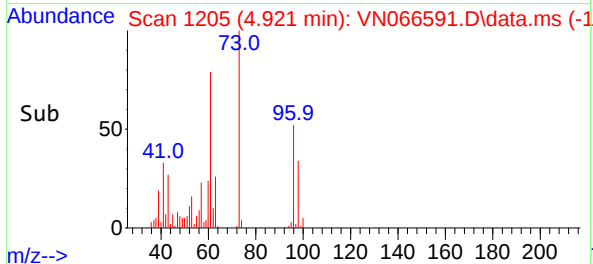
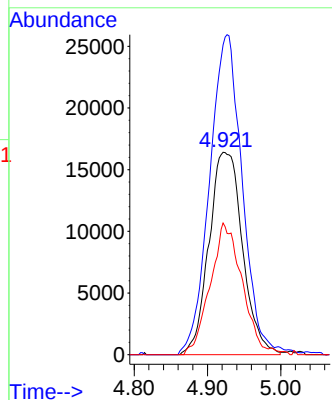
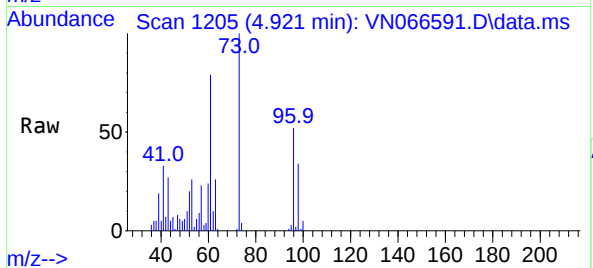
Tgt Ion: 96 Resp: 52302

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 151.2 | 113.3 | 169.9 |
| 98  | 65.0  | 51.4  | 77.2  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

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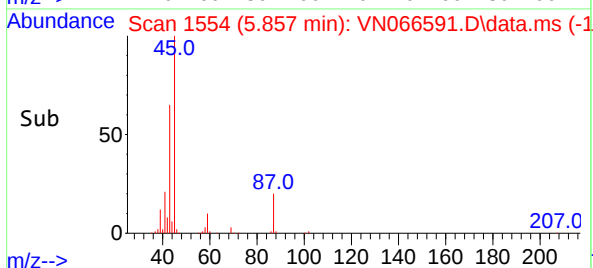
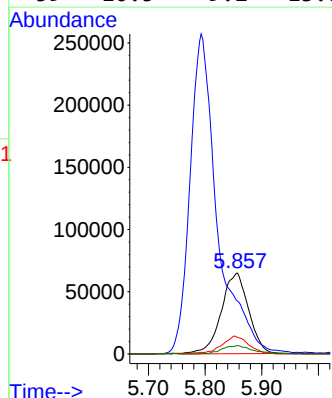
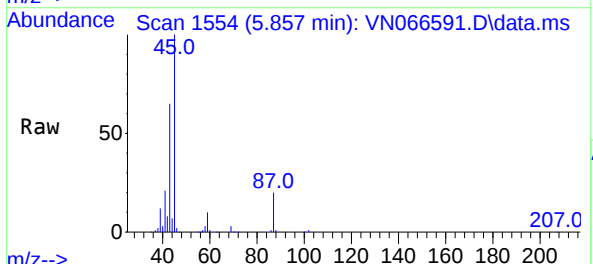


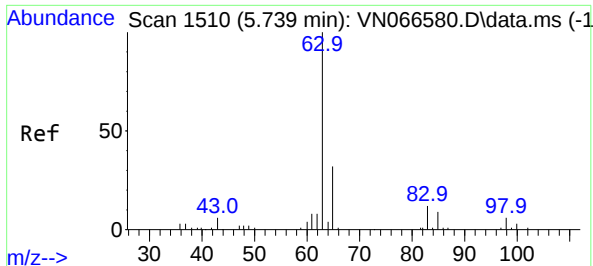
#20

Diisopropyl ether  
Concen: 18.24 ug/l  
RT: 5.857 min Scan# 1554  
Delta R.T. 0.008 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

Tgt Ion: 45 Resp: 217532

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 61.5  | 51.4  | 77.2  |
| 87  | 20.6  | 21.4  | 32.0# |
| 59  | 10.5  | 9.2   | 13.8  |





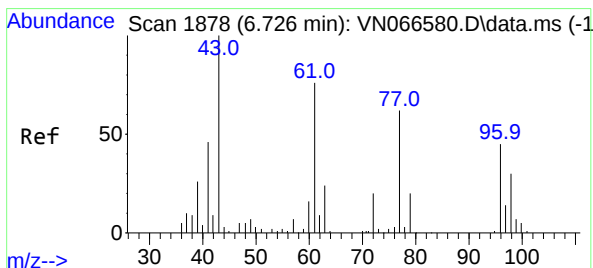
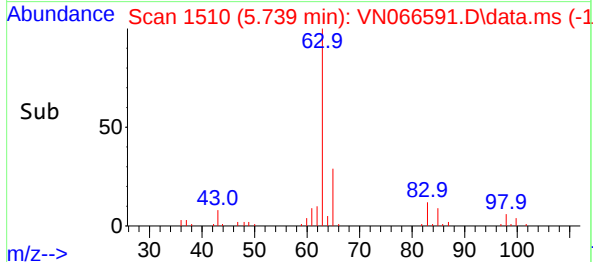
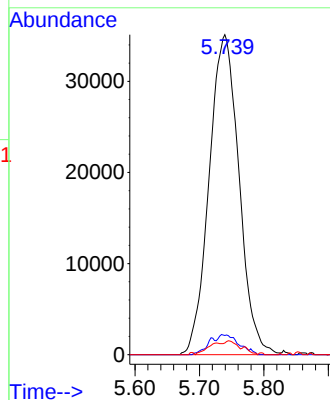
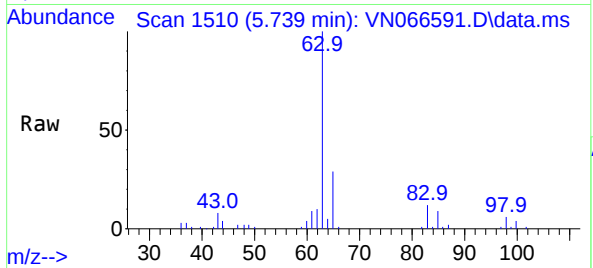
#21  
1,1-Dichloroethane  
Concen: 17.86 ug/l  
RT: 5.739 min Scan# 1510  
Delta R.T. -0.006 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

Tgt Ion: 63 Resp: 113168  
Ion Ratio Lower Upper  
63 100  
98 6.0 3.3 9.9  
100 3.6 1.9 5.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

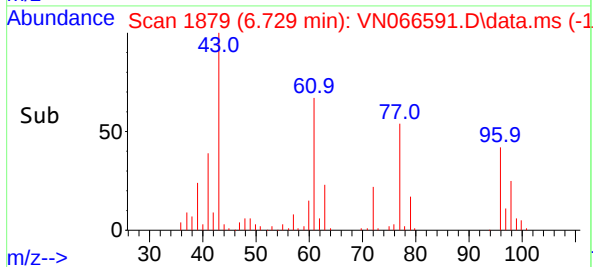
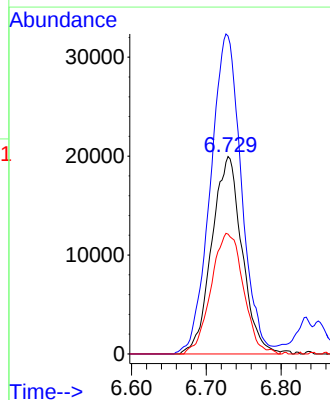
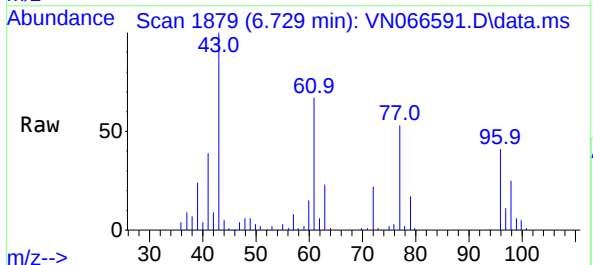
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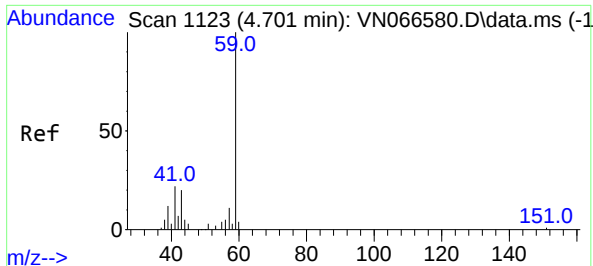
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#22  
cis-1,2-Dichloroethene  
Concen: 17.50 ug/l  
RT: 6.729 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

Tgt Ion: 96 Resp: 56121  
Ion Ratio Lower Upper  
96 100  
61 165.8 119.4 179.0  
98 64.8 51.5 77.3





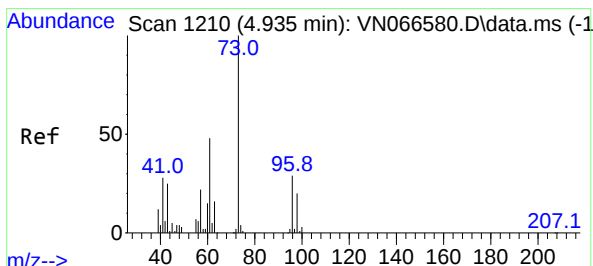
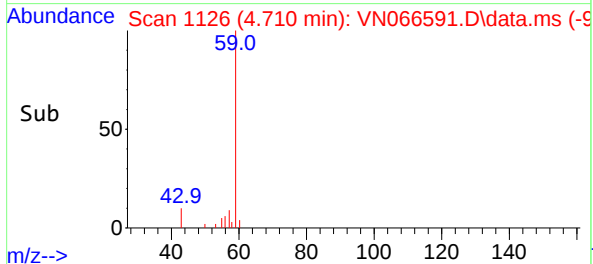
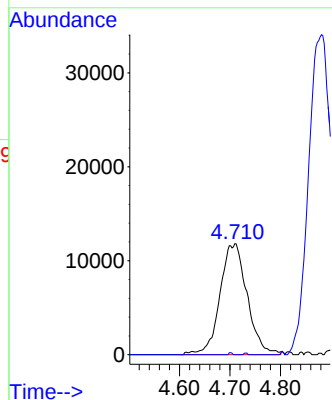
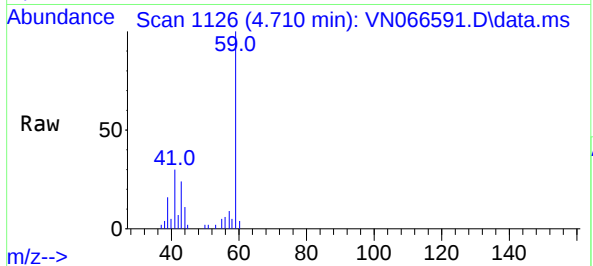
#23  
tert-Butyl Alcohol  
Concen: 77.91 ug/l m  
RT: 4.710 min Scan# 1126  
Delta R.T. 0.027 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

Tgt Ion: 59 Resp: 44193  
Ion Ratio Lower Upper  
59 100  
52 0.2 0.1 0.1#

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

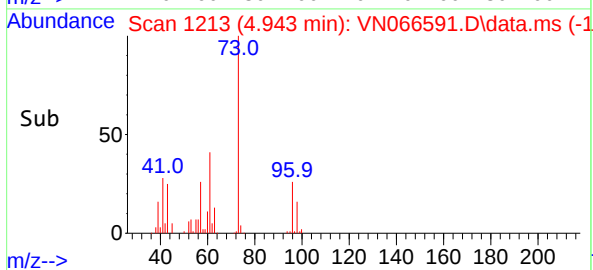
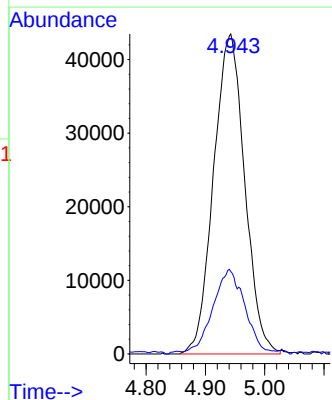
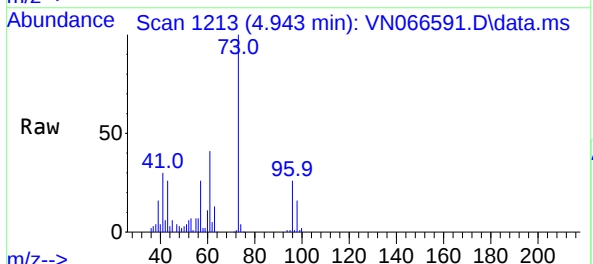
Manual Integrations  
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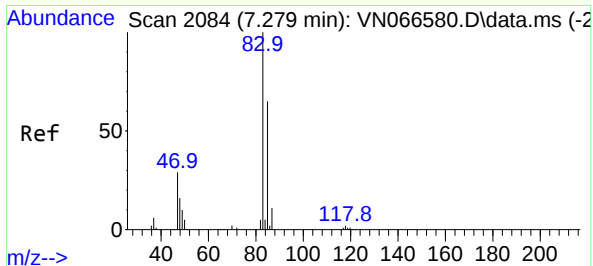
MMDadoda  
4/14/2021 1:47:23 PM



#24  
Methyl tert-Butyl Ether  
Concen: 17.02 ug/l  
RT: 4.943 min Scan# 1213  
Delta R.T. 0.008 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

Tgt Ion: 73 Resp: 158463  
Ion Ratio Lower Upper  
73 100  
43 18.5 18.5 27.7





#25

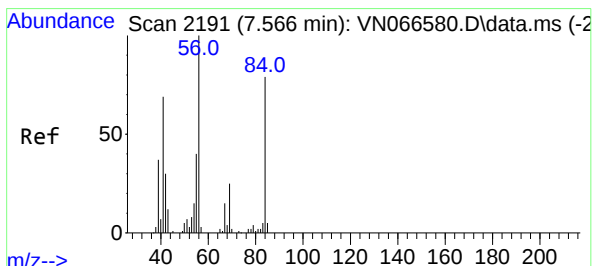
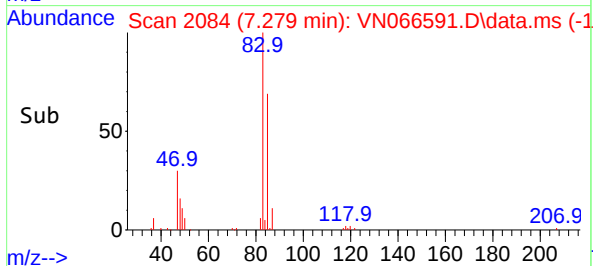
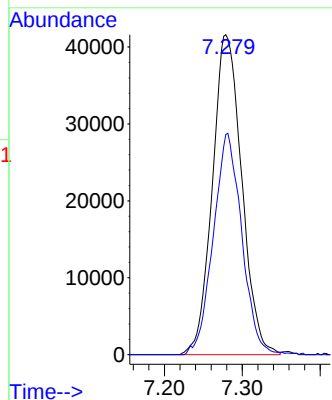
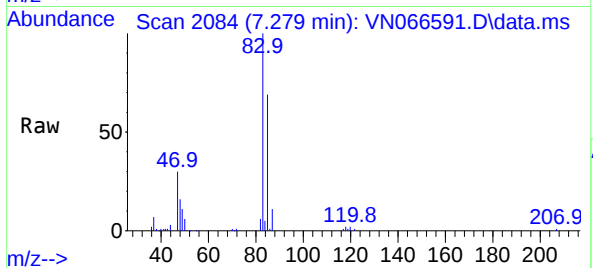
Chloroform  
Concen: 17.51 ug/l  
RT: 7.279 min Scan# 2084  
Delta R.T. -0.005 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

Tgt Ion: 83 Resp: 108934  
Ion Ratio Lower Upper  
83 100  
85 68.8 49.4 74.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

Manual Integrations  
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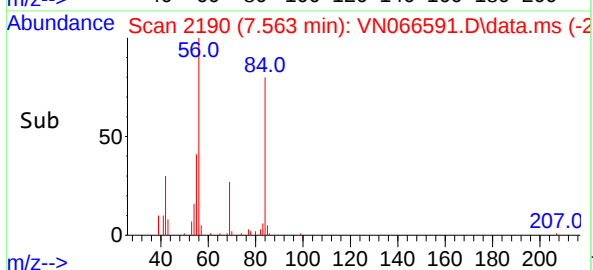
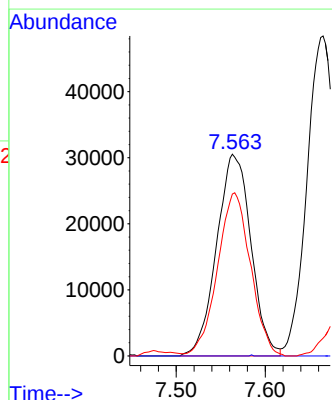
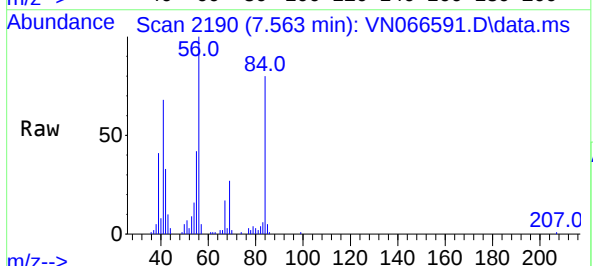
MMDadoda  
4/14/2021 1:47:23 PM

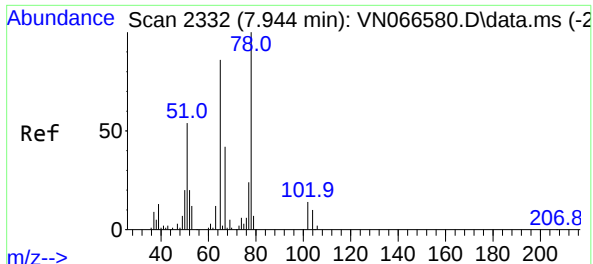


#26

Cyclohexane  
Concen: 15.13 ug/l  
RT: 7.563 min Scan# 2190  
Delta R.T. -0.008 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

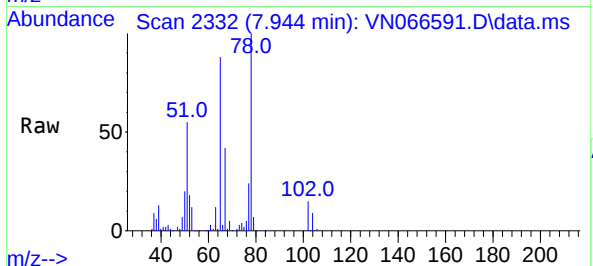
Tgt Ion: 56 Resp: 81861  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 78.0 65.4 98.2





#27  
1,2-Dichloroethane-d4  
Concen: 30.28 ug/l  
RT: 7.944 min Scan# 2332  
Delta R.T. -0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

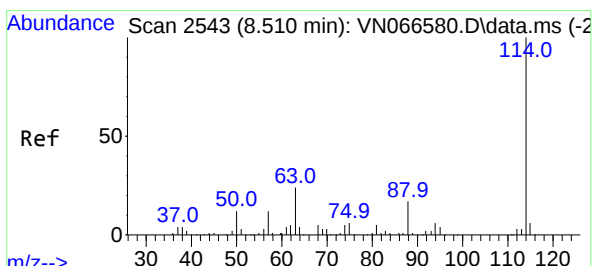
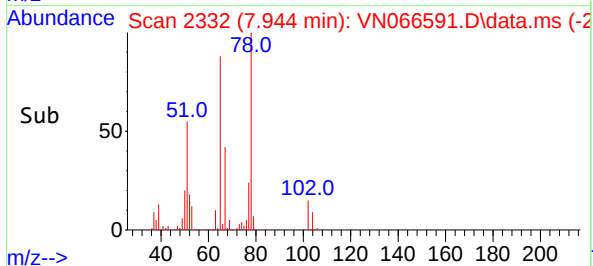
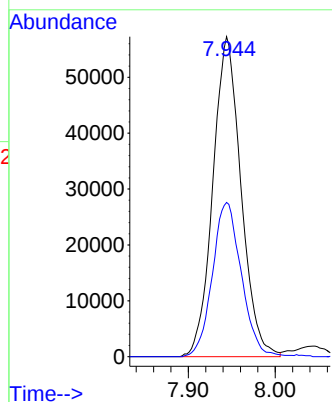
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



Tgt Ion: 65 Resp: 128743  
Ion Ratio Lower Upper  
65 100  
67 49.5 42.2 63.4

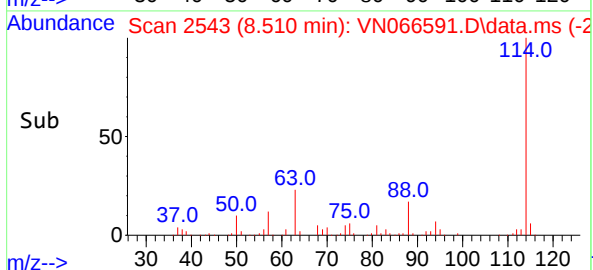
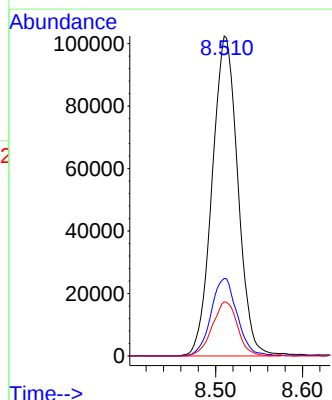
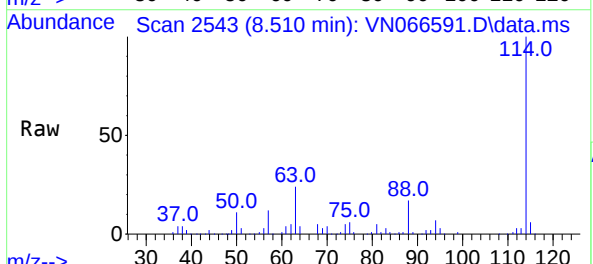
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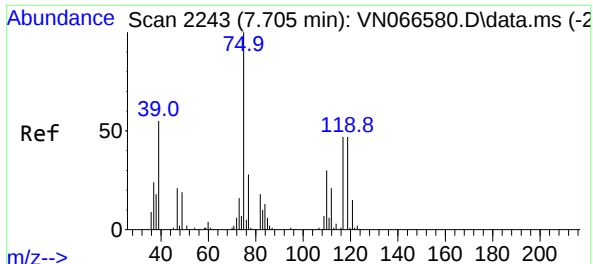
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#28  
1,4-Difluorobenzene  
Concen: 30.00 ug/l  
RT: 8.510 min Scan# 2543  
Delta R.T. -0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

Tgt Ion: 114 Resp: 210215  
Ion Ratio Lower Upper  
114 100  
63 24.7 17.4 26.0  
88 16.6 12.6 19.0





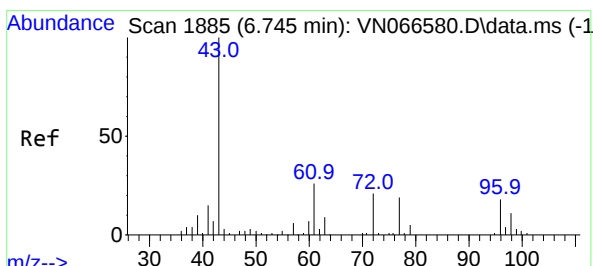
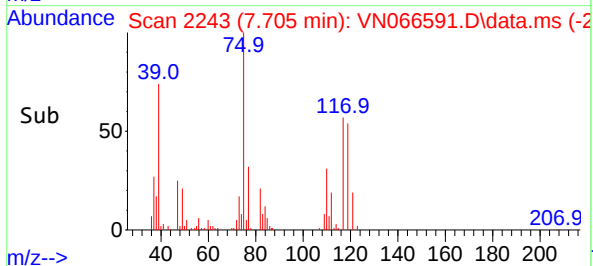
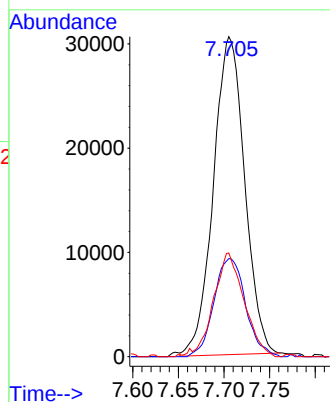
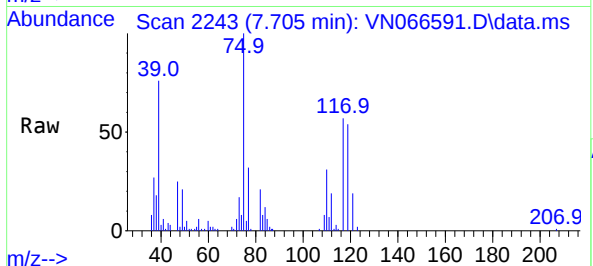
#29  
1,1-Dichloropropene  
Concen: 17.39 ug/l  
RT: 7.705 min Scan# 2243  
Delta R.T. -0.006 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 72779 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 31.3  | 0.0   | 69.4  |
| 77       | 31.4  | 0.0   | 60.6  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

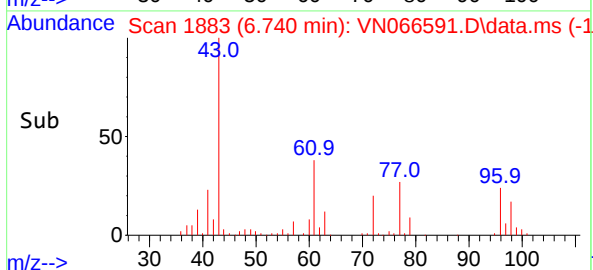
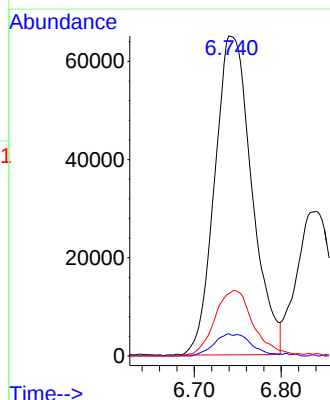
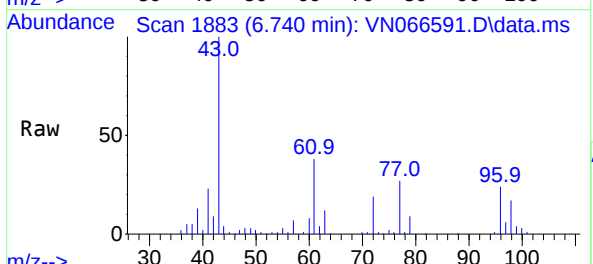
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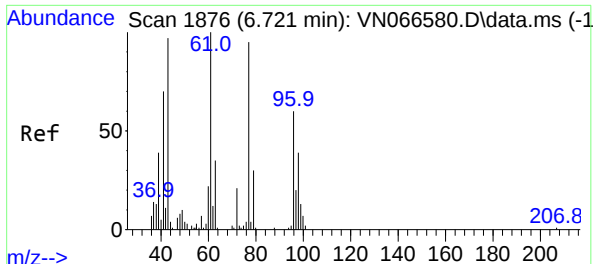
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#30  
2-Butanone  
Concen: 81.55 ug/l  
RT: 6.740 min Scan# 1883  
Delta R.T. 0.006 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

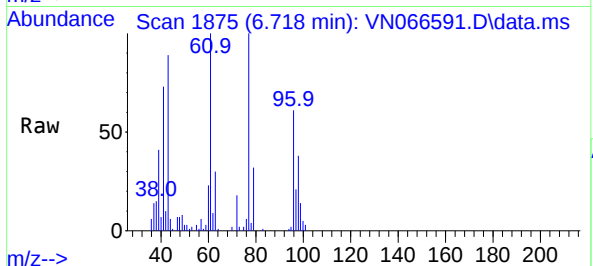
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 192890 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 57       | 3.7   | 6.9   | 10.3#  |
| 72       | 21.3  | 20.9  | 31.3   |





#31  
2,2-Dichloropropane  
Concen: 17.62 ug/l  
RT: 6.718 min Scan# 1875  
Delta R.T. -0.008 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

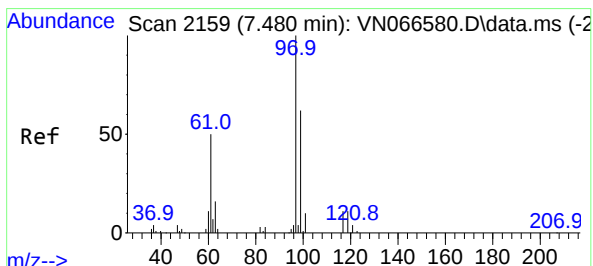
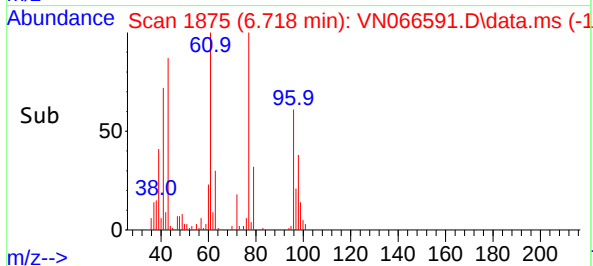
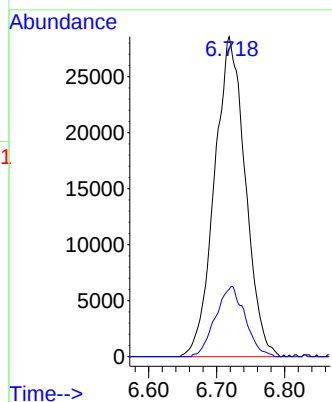
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



Tgt Ion: 77 Resp: 89966  
Ion Ratio Lower Upper  
77 100  
97 21.2 18.1 27.1

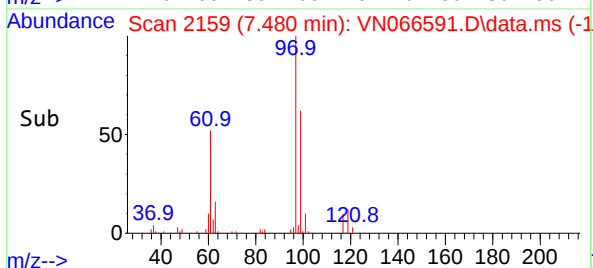
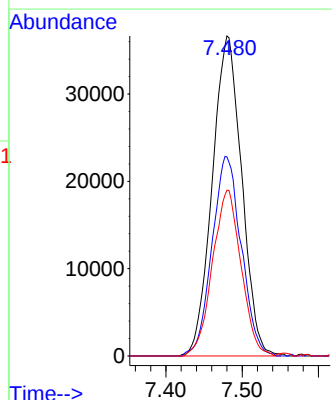
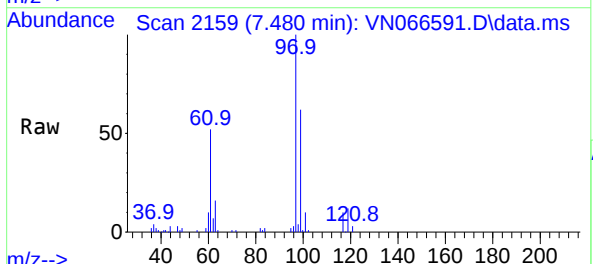
Manual Integrations  
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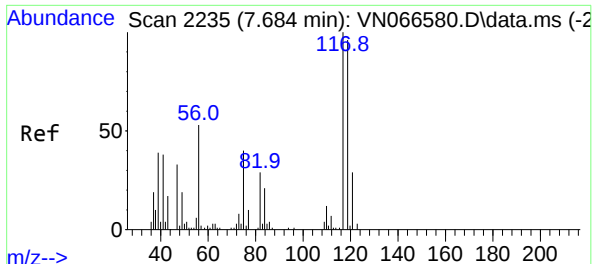
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#32  
1,1,1-Trichloroethane  
Concen: 19.13 ug/l  
RT: 7.480 min Scan# 2159  
Delta R.T. -0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

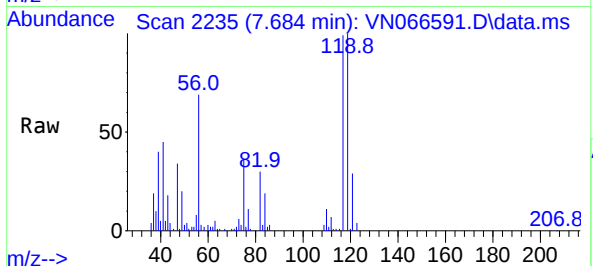
Tgt Ion: 97 Resp: 98243  
Ion Ratio Lower Upper  
97 100  
99 62.0 50.7 76.1  
61 50.3 37.6 56.4





#33  
Carbon Tetrachloride  
Concen: 18.74 ug/l  
RT: 7.684 min Scan# 2235  
Delta R.T. -0.008 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

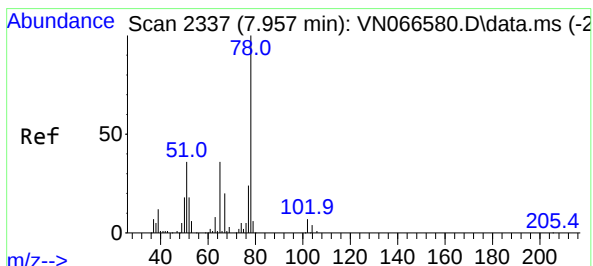
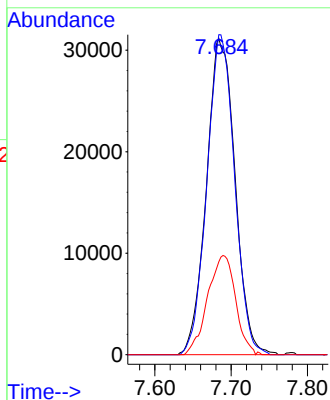
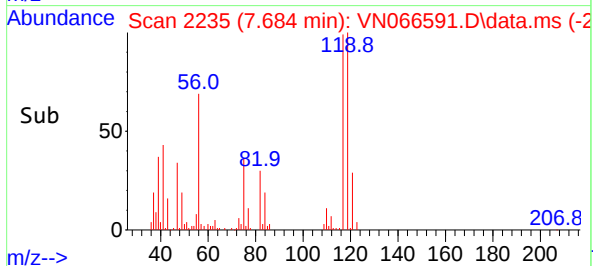
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



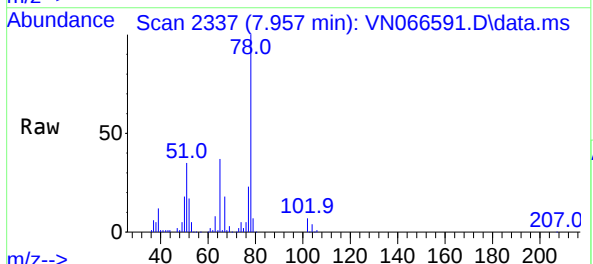
Tgt Ion:117 Resp: 81178  
Ion Ratio Lower Upper  
117 100  
119 101.2 72.6 108.8  
121 29.4 23.5 35.3

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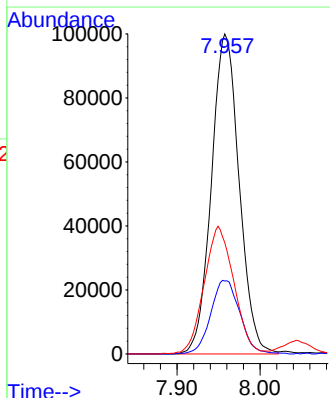
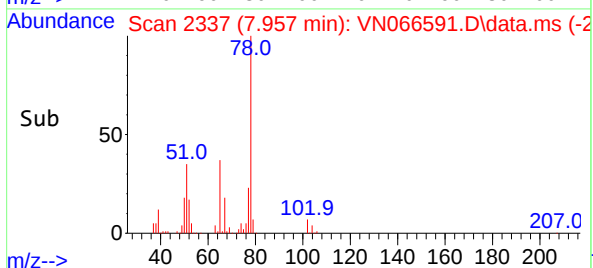
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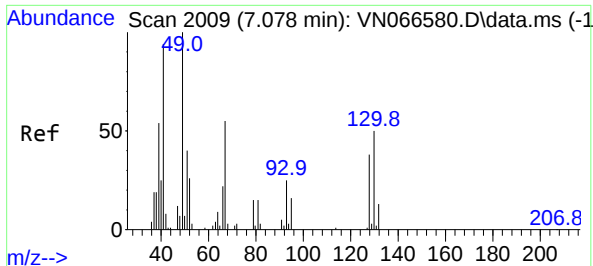


#34  
Benzene  
Concen: 18.47 ug/l  
RT: 7.957 min Scan# 2337  
Delta R.T. -0.006 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

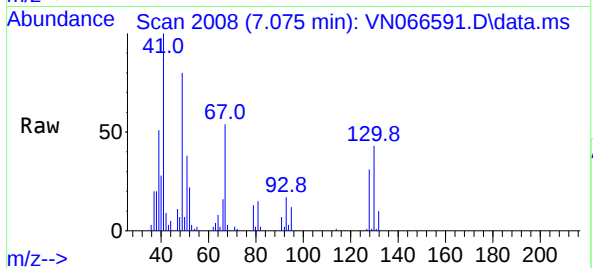


Tgt Ion: 78 Resp: 232150  
Ion Ratio Lower Upper  
78 100  
77 22.6 18.6 27.8  
51 34.2 21.9 32.9#

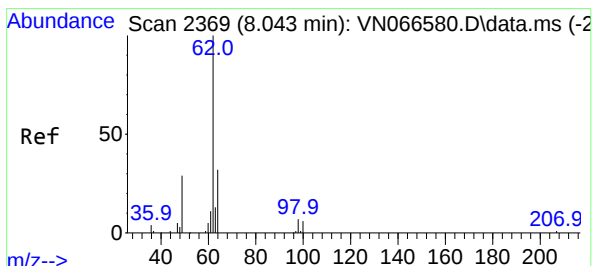
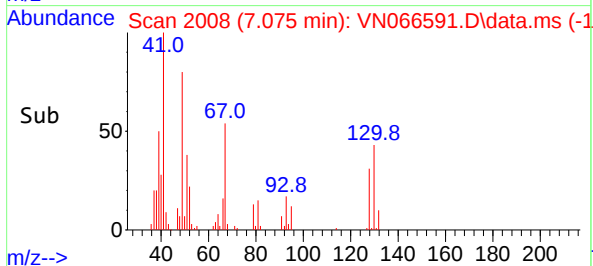
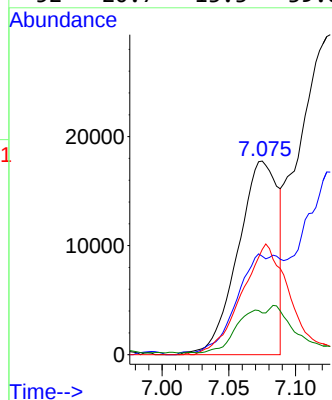




#35  
Methacrylonitrile  
Concen: 16.10 ug/l  
RT: 7.075 min Scan# 2008  
Delta R.T. -0.016 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

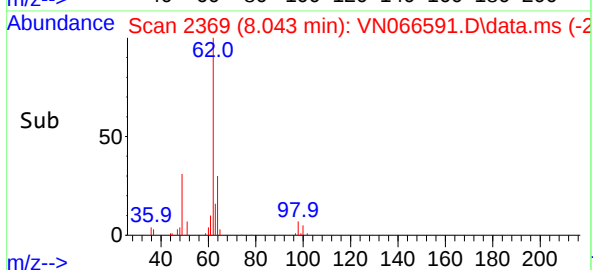
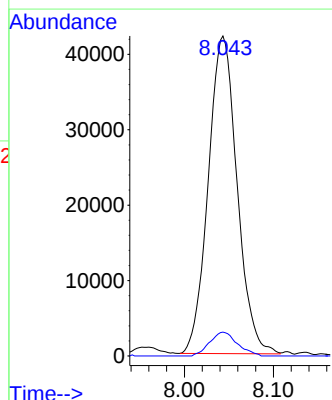
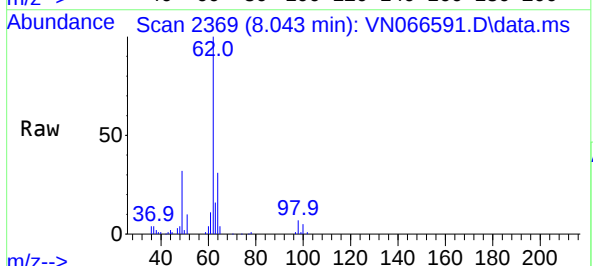


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 36923 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 49.8  | 27.3  | 81.8  |
| 67       | 54.4  | 31.4  | 94.3  |
| 52       | 20.7  | 13.3  | 39.8  |



#36  
1,2-Dichloroethane  
Concen: 18.53 ug/l  
RT: 8.043 min Scan# 2369  
Delta R.T. -0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

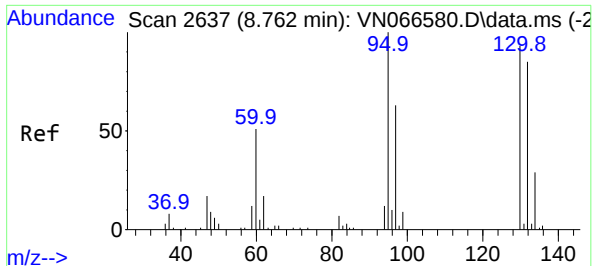
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 94835 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 7.2   | 6.9   | 10.3  |



Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

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#37

Trichloroethene

Concen: 17.71 ug/l

RT: 8.762 min Scan# 2637

Delta R.T. -0.003 min

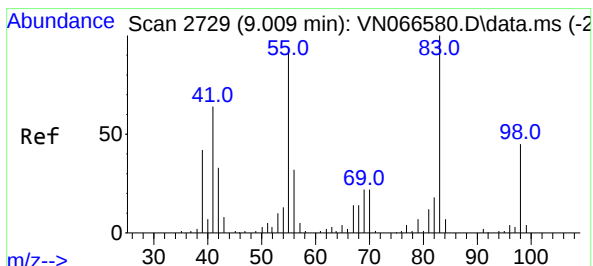
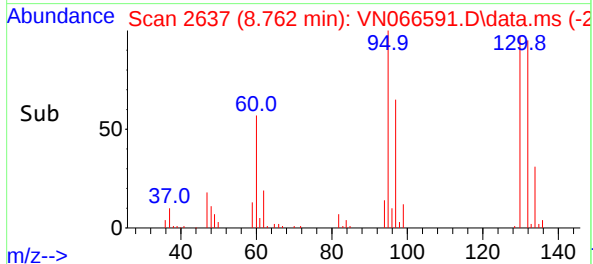
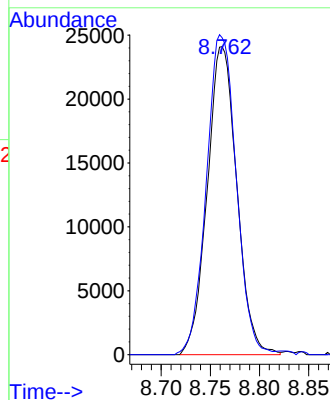
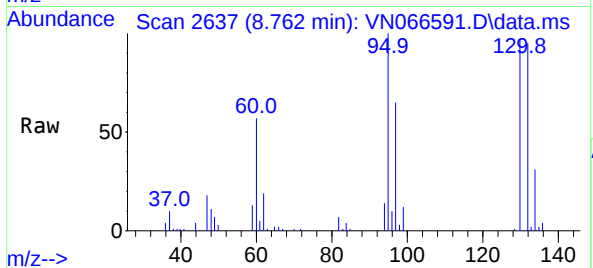
Lab File: VN066591.D

Acq: 13 Apr 2021 20:38

Tgt Ion:130 Resp: 50464

Ion Ratio Lower Upper

|     |       |      |       |
|-----|-------|------|-------|
| 130 | 100   |      |       |
| 95  | 102.0 | 80.7 | 121.1 |



#38

Methylcyclohexane

Concen: 16.46 ug/l

RT: 9.009 min Scan# 2729

Delta R.T. -0.002 min

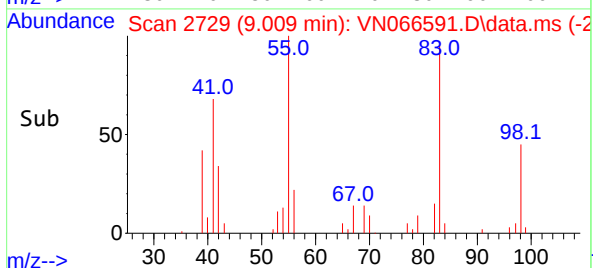
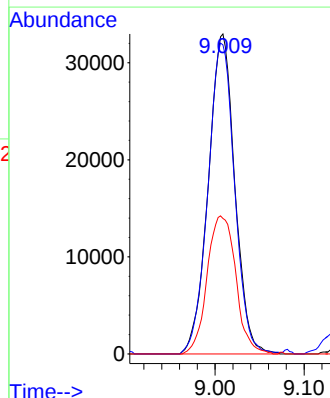
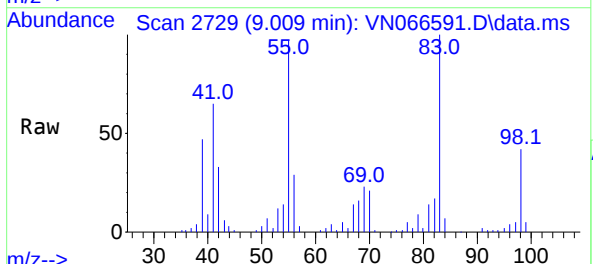
Lab File: VN066591.D

Acq: 13 Apr 2021 20:38

Tgt Ion: 83 Resp: 68180

Ion Ratio Lower Upper

|    |      |      |       |
|----|------|------|-------|
| 83 | 100  |      |       |
| 55 | 97.8 | 38.8 | 116.3 |
| 98 | 46.6 | 22.2 | 66.6  |



Instrument :

MSVOA\_N

ClientSampleId :

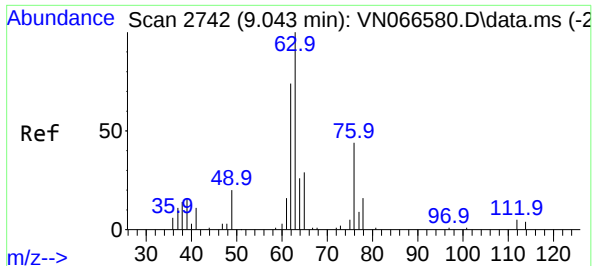
VSTDCCC020EC

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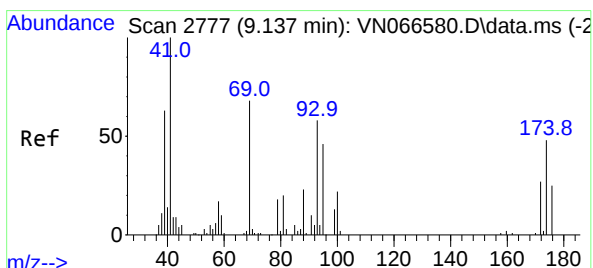
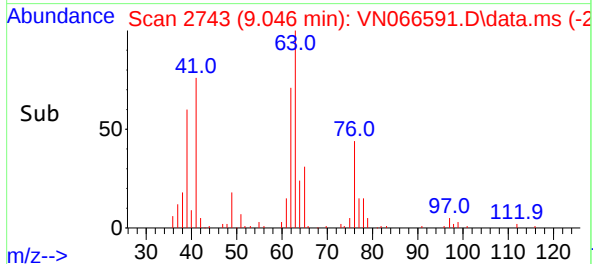
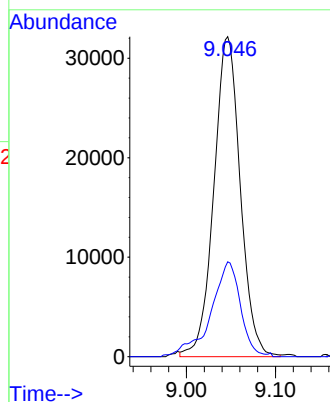
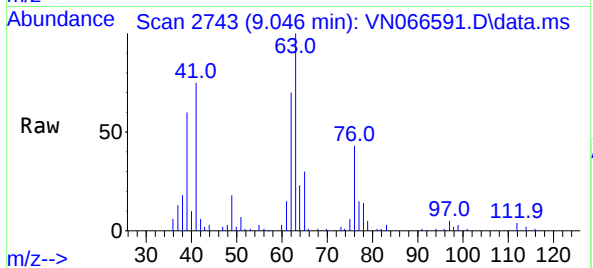
#39  
1,2-Dichloropropane  
Concen: 18.72 ug/l  
RT: 9.046 min Scan# 2743  
Delta R.T. -0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

Tgt Ion: 63 Resp: 66319  
Ion Ratio Lower Upper  
63 100  
65 29.8 24.9 37.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

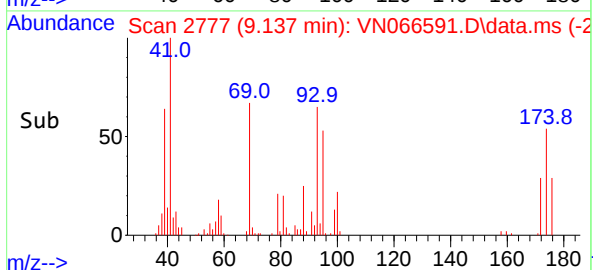
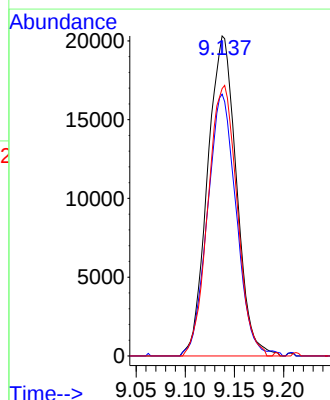
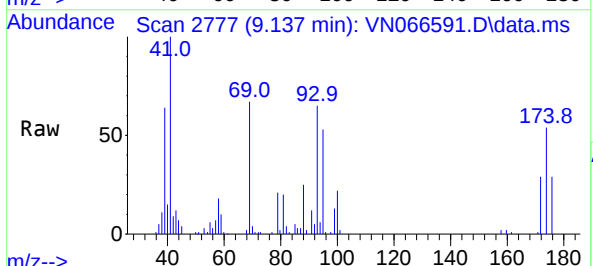
Manual Integrations  
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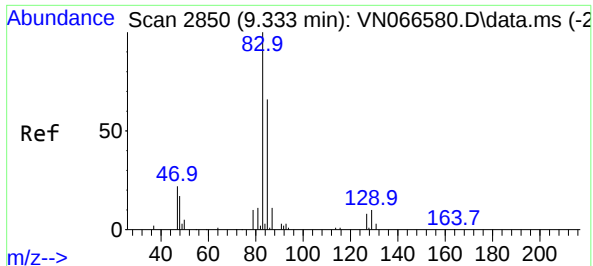
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#40  
Dibromomethane  
Concen: 18.58 ug/l  
RT: 9.137 min Scan# 2777  
Delta R.T. -0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

Tgt Ion: 93 Resp: 41511  
Ion Ratio Lower Upper  
93 100  
95 81.1 0.0 169.0  
174 85.0 0.0 205.8





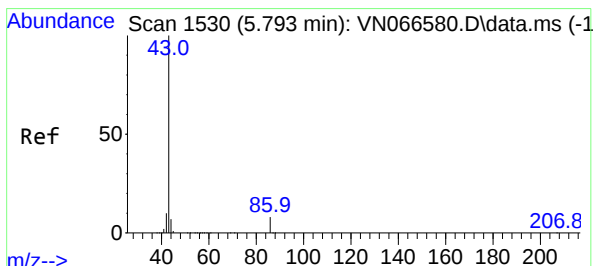
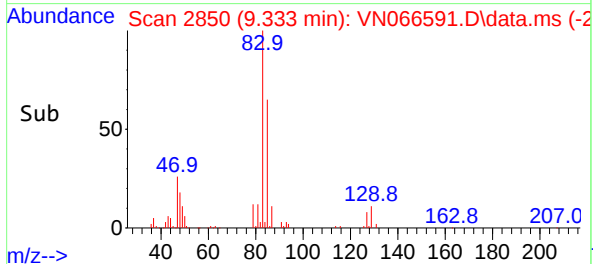
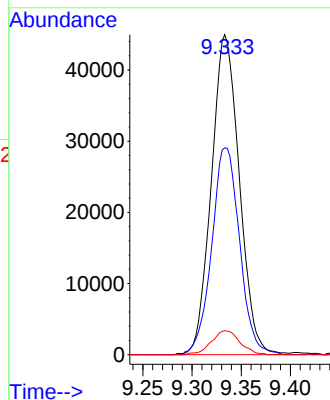
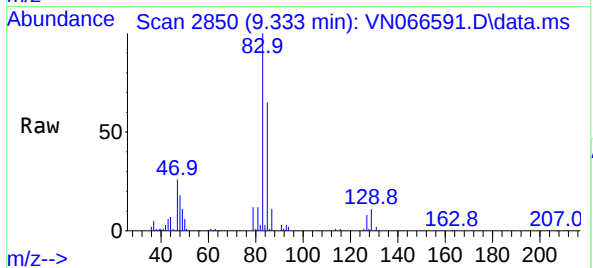
#41  
Bromodichloromethane  
Concen: 18.26 ug/l  
RT: 9.333 min Scan# 2850  
Delta R.T. -0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 89074 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.9  | 50.6  | 75.8  |
| 127      | 7.5   | 6.9   | 10.3  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

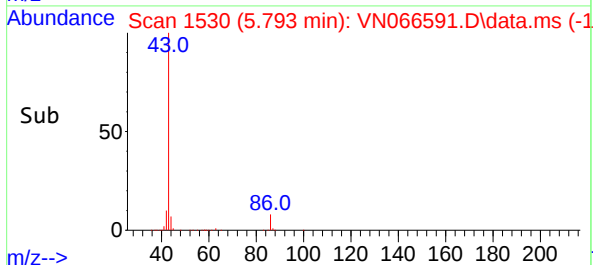
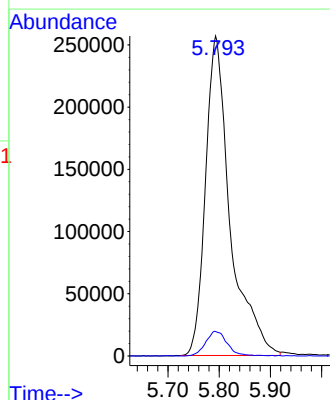
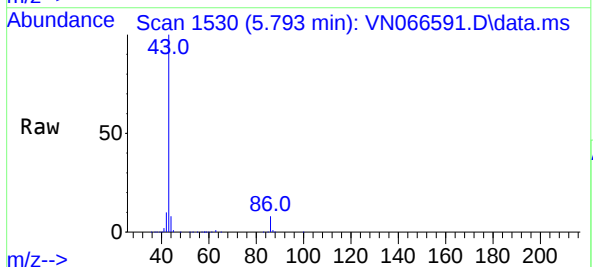
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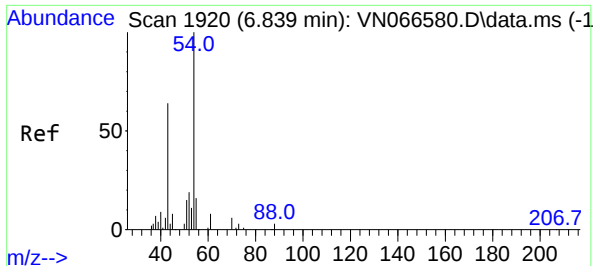
MMDadoda  
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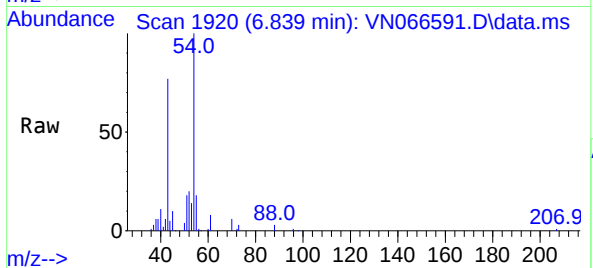
#42  
Vinyl Acetate  
Concen: 86.93 ug/l  
RT: 5.793 min Scan# 1530  
Delta R.T. 0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 857846 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 86       | 6.7   | 6.7   | 10.1#  |

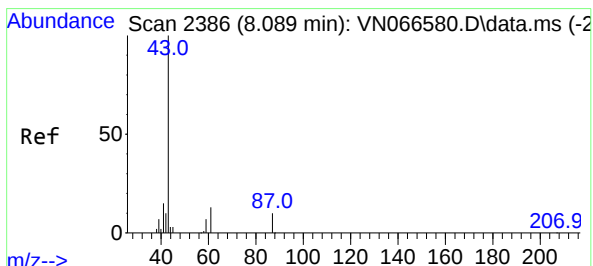
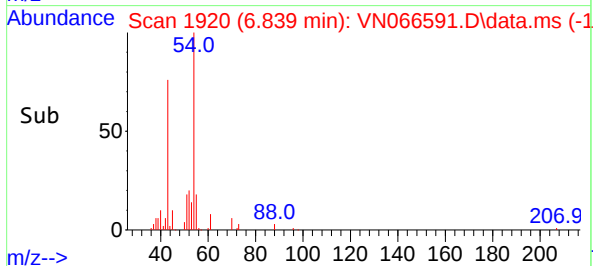
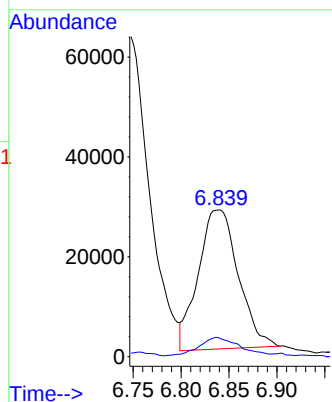




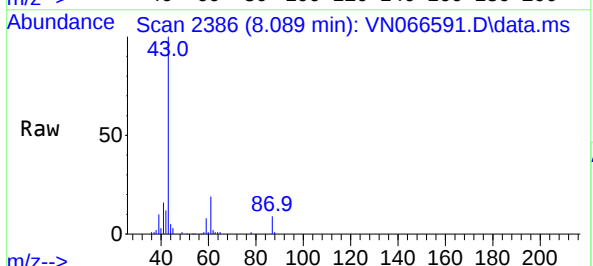
#43  
Ethyl Acetate  
Concen: 15.42 ug/l  
RT: 6.839 min Scan# 1920  
Delta R.T. 0.008 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



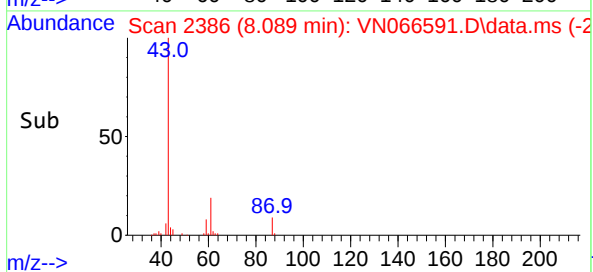
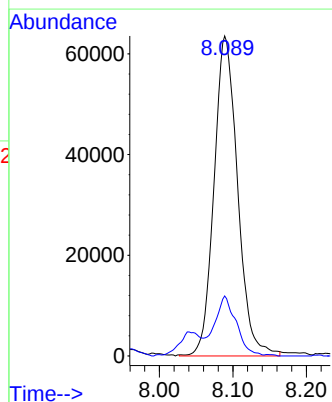
Tgt Ion: 43 Resp: 81050  
Ion Ratio Lower Upper  
43 100  
45 13.6 6.3 9.5#



#44  
Isopropyl Acetate  
Concen: 17.24 ug/l m  
RT: 8.089 min Scan# 2386  
Delta R.T. 0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



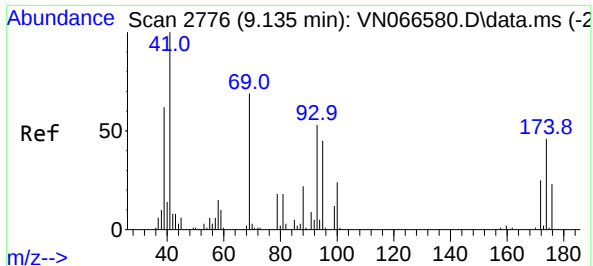
Tgt Ion: 43 Resp: 141842  
Ion Ratio Lower Upper  
43 100  
61 0.0 20.4 30.6#



Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

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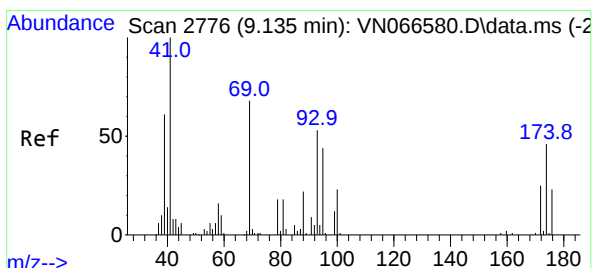
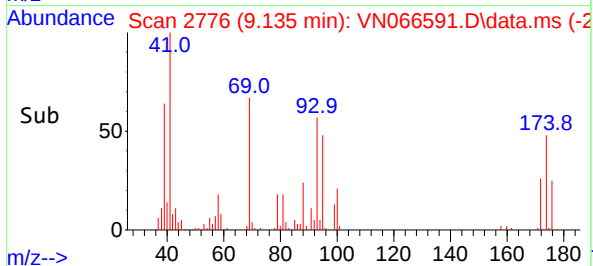
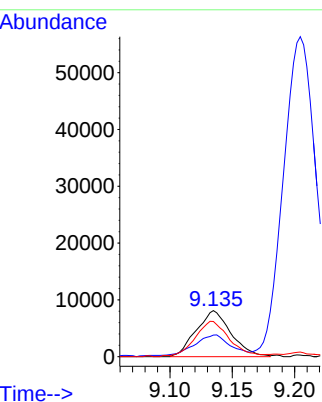
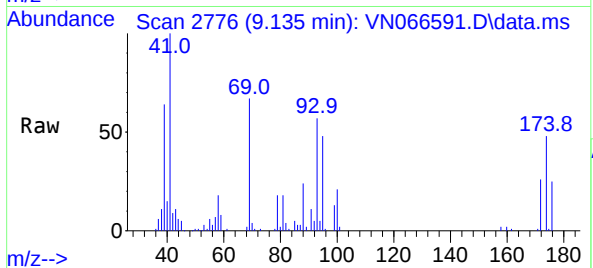
#45  
1,4-Dioxane  
Concen: 351.59 ug/l  
RT: 9.135 min Scan# 2776  
Delta R.T. 0.006 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

Tgt Ion: 88 Resp: 15750  
Ion Ratio Lower Upper  
88 100  
43 43.9 27.0 40.4#  
58 70.8 57.9 86.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

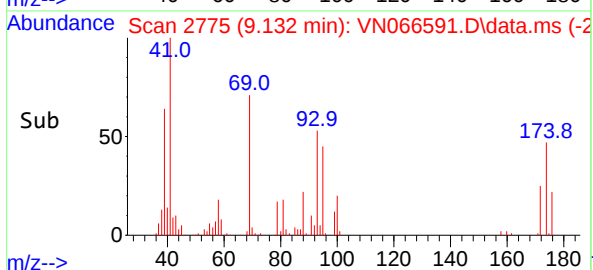
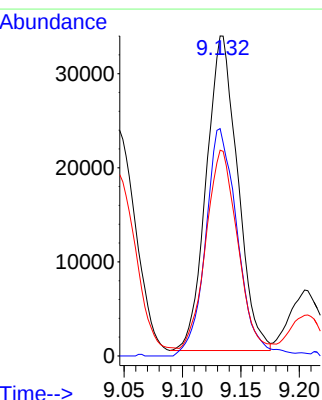
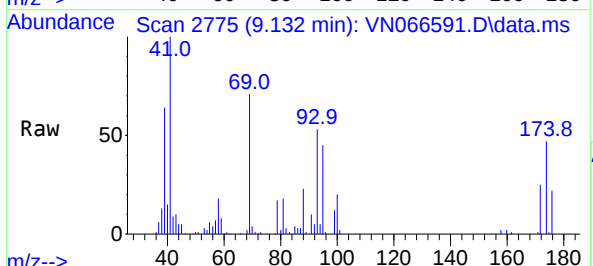
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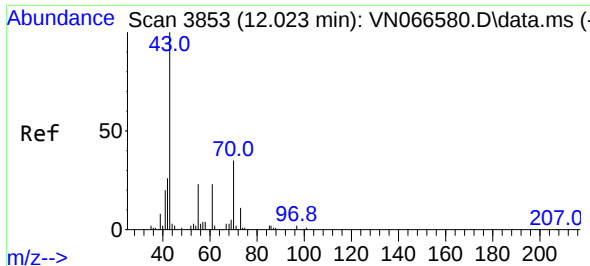
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#46  
Methyl methacrylate  
Concen: 16.59 ug/l  
RT: 9.132 min Scan# 2775  
Delta R.T. -0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

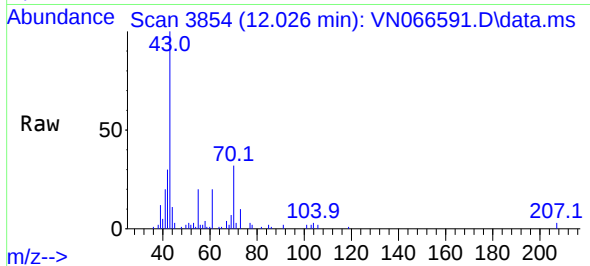
Tgt Ion: 41 Resp: 62429  
Ion Ratio Lower Upper  
41 100  
69 72.3 40.6 121.7  
39 61.8 33.2 99.6





#47  
n-amy1 Acetate  
Concen: 13.52 ug/l  
RT: 12.026 min Scan# 3854  
Delta R.T. -0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

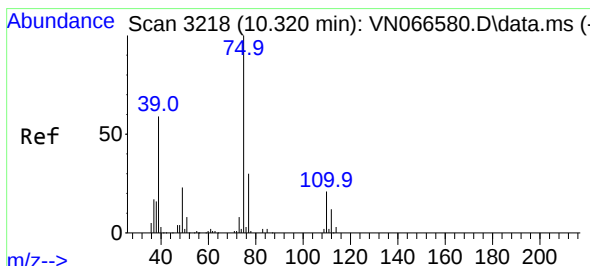
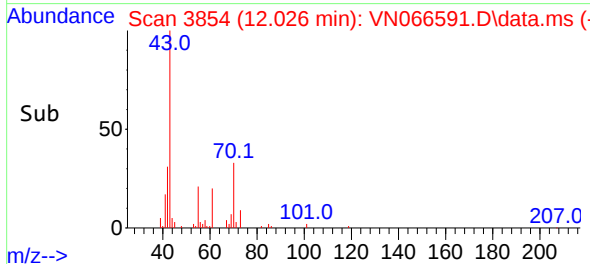
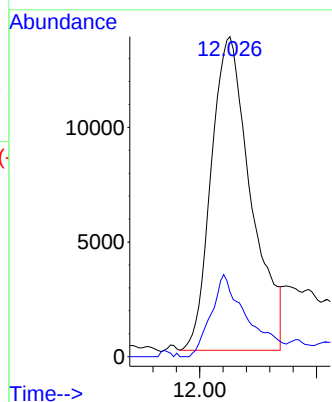
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



Tgt Ion: 43 Resp: 32302  
Ion Ratio Lower Upper  
43 100  
55 21.5 17.7 26.5

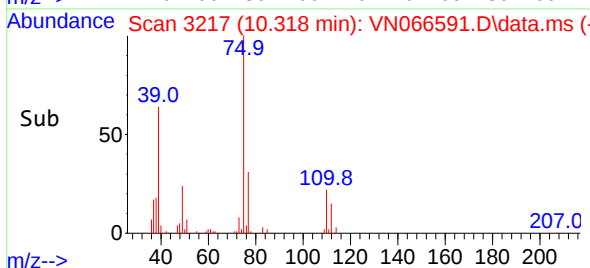
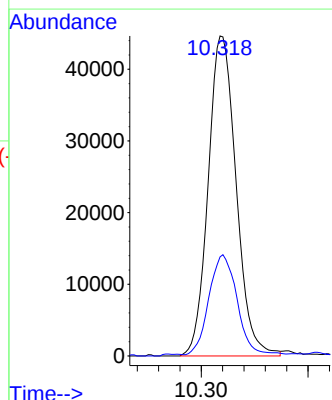
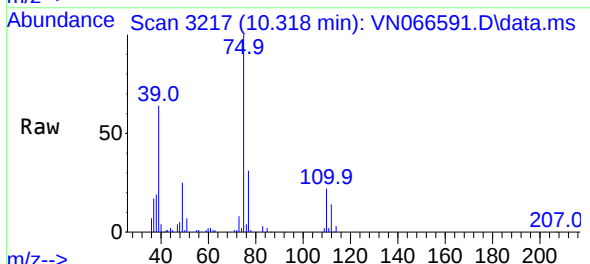
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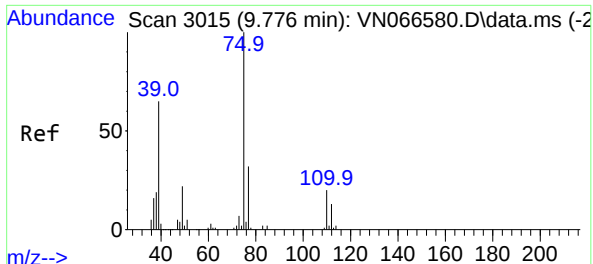
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#48  
t-1,3-Dichloropropene  
Concen: 17.12 ug/l  
RT: 10.318 min Scan# 3217  
Delta R.T. -0.002 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

Tgt Ion: 75 Resp: 81172  
Ion Ratio Lower Upper  
75 100  
77 30.5 24.9 37.3





#49

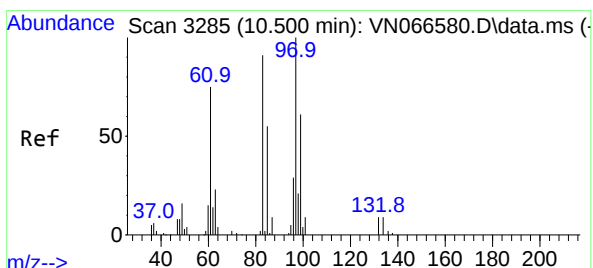
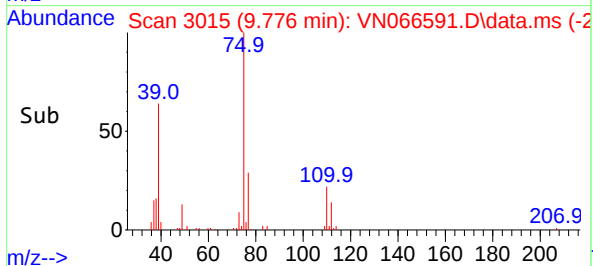
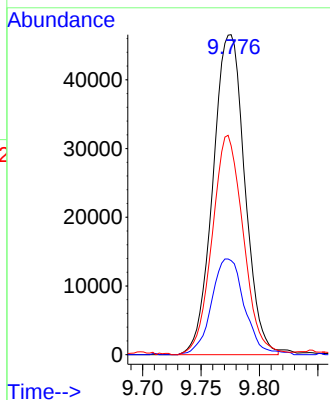
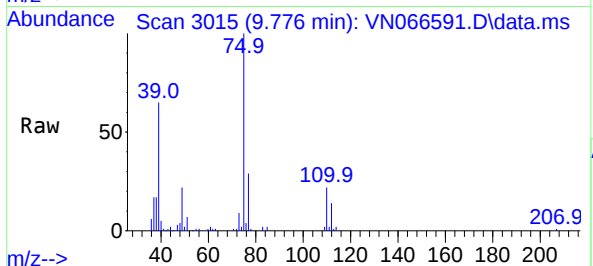
cis-1,3-Dichloropropene  
Concen: 17.49 ug/l  
RT: 9.776 min Scan# 3015  
Delta R.T. -0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 88294 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 29.4  | 25.4  | 38.0  |
| 39       | 65.2  | 46.8  | 70.2  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

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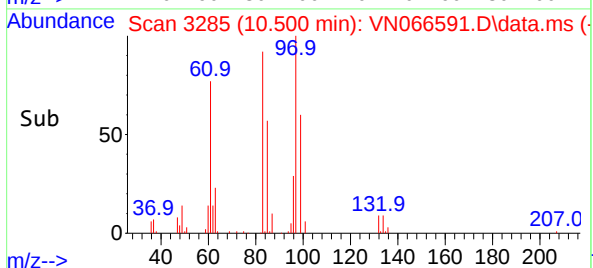
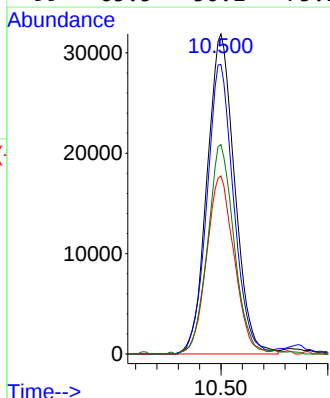
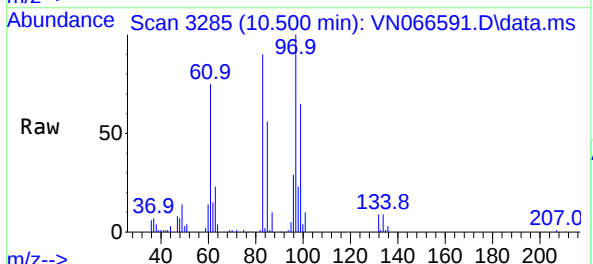
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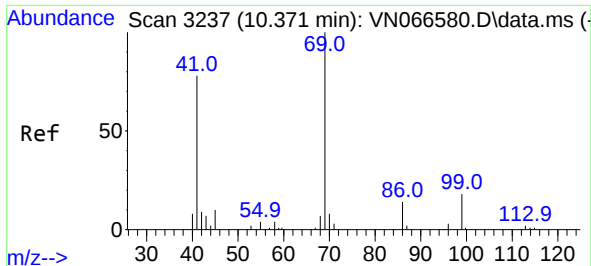


#50

1,1,2-Trichloroethane  
Concen: 18.96 ug/l  
RT: 10.500 min Scan# 3285  
Delta R.T. -0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 57229 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 90.0  | 68.8  | 103.2 |
| 85       | 55.7  | 44.8  | 67.2  |
| 99       | 65.5  | 50.1  | 75.1  |





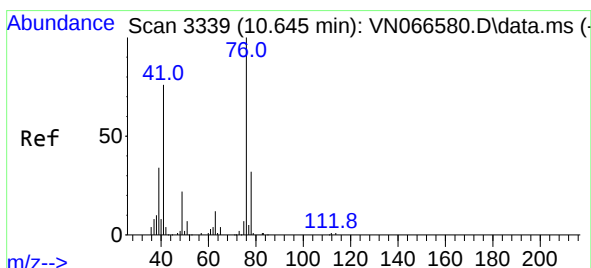
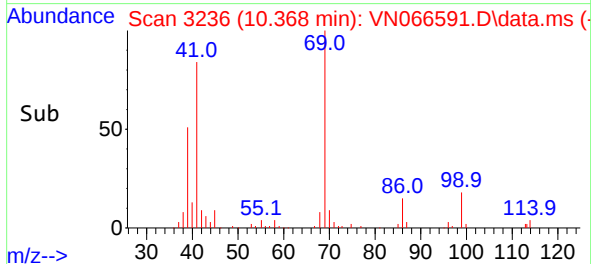
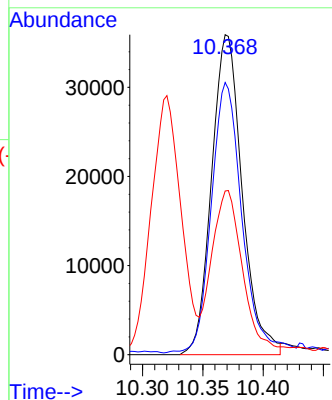
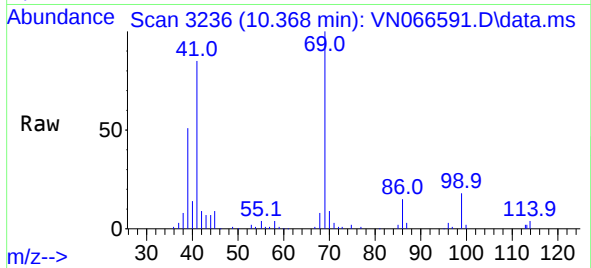
#51  
Ethyl methacrylate  
Concen: 16.50 ug/l  
RT: 10.368 min Scan# 3236  
Delta R.T. -0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

Tgt Ion: 69 Resp: 63415  
Ion Ratio Lower Upper  
69 100  
41 83.9 34.8 104.5  
39 48.7 22.5 67.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

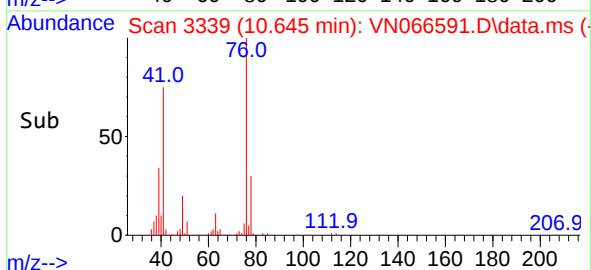
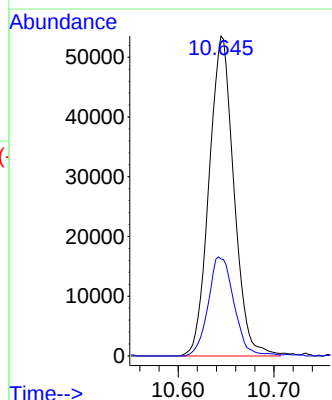
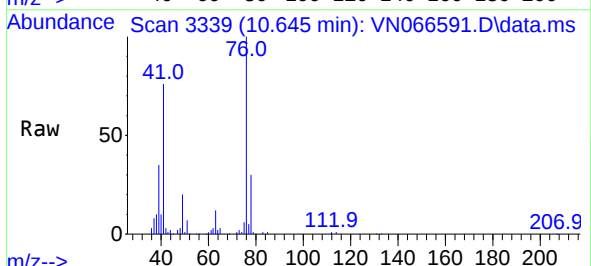
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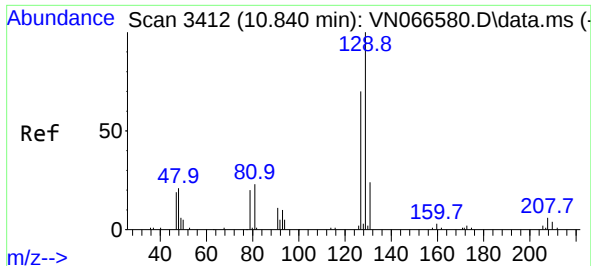
MMDadoda  
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#52  
1,3-Dichloropropane  
Concen: 18.65 ug/l  
RT: 10.645 min Scan# 3339  
Delta R.T. -0.002 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

Tgt Ion: 76 Resp: 96400  
Ion Ratio Lower Upper  
76 100  
78 31.8 0.0 65.6





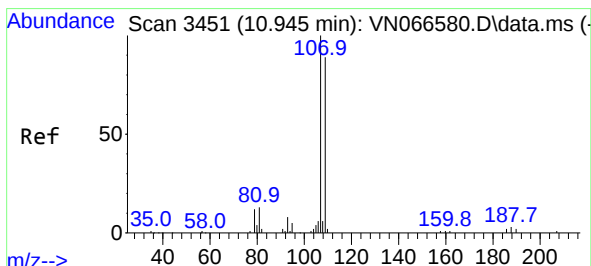
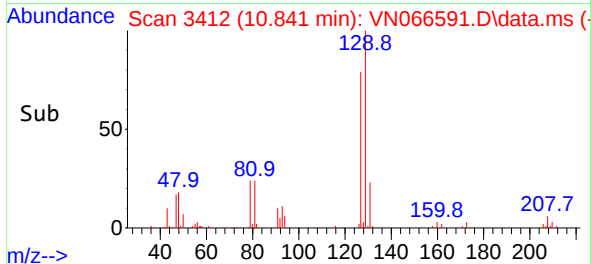
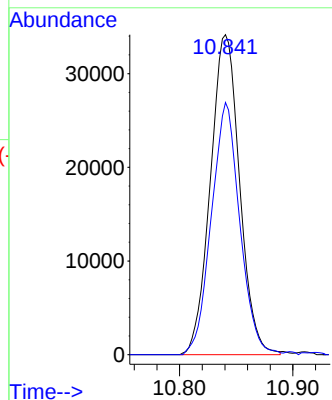
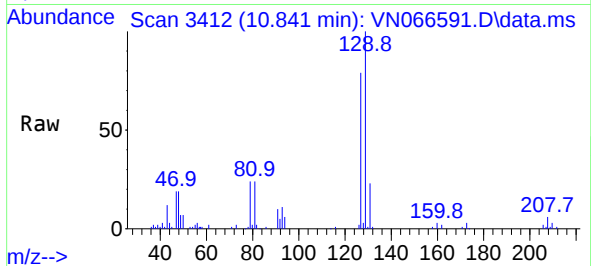
#53  
Dibromochloromethane  
Concen: 18.62 ug/l  
RT: 10.841 min Scan# 3412  
Delta R.T. -0.002 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

Tgt Ion:129 Resp: 61241  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.6 115.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

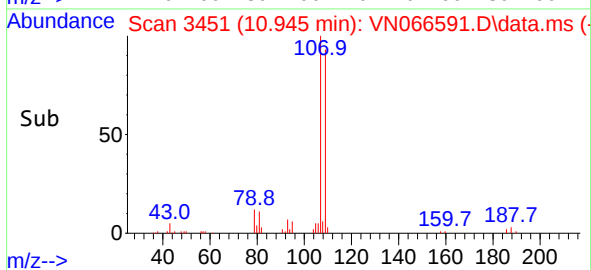
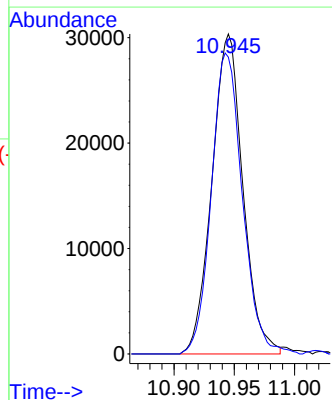
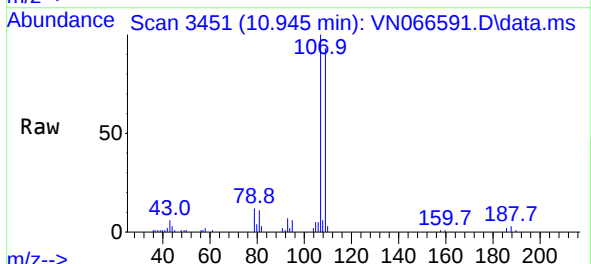
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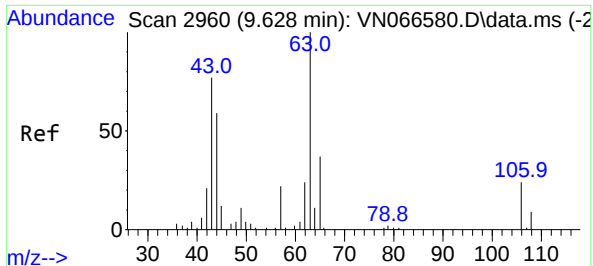
MMDadoda  
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#54  
1,2-Dibromoethane  
Concen: 18.29 ug/l  
RT: 10.945 min Scan# 3451  
Delta R.T. 0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

Tgt Ion:107 Resp: 54162  
Ion Ratio Lower Upper  
107 100  
109 94.3 75.8 113.6





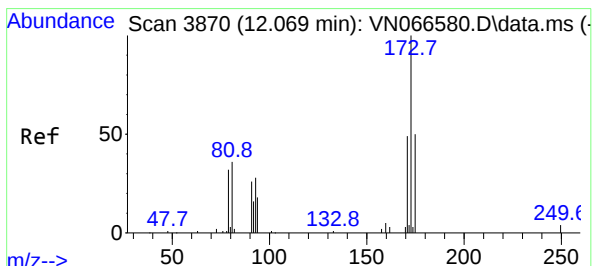
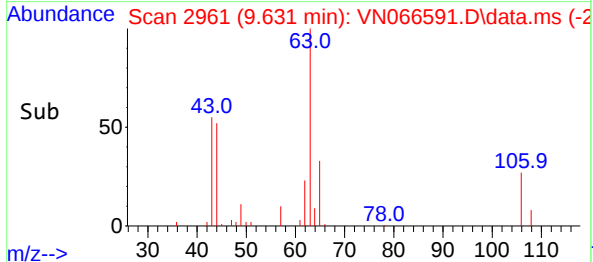
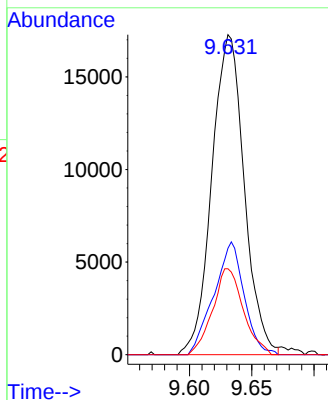
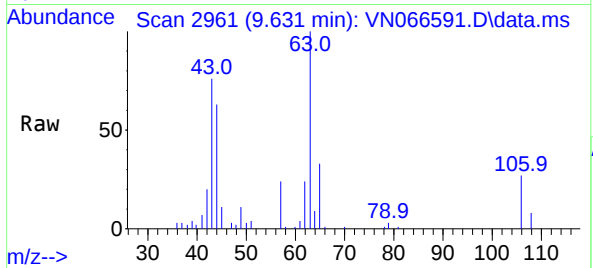
#55  
2-Chloroethyl vinyl ether  
Concen: 87.85 ug/l  
RT: 9.631 min Scan# 2961  
Delta R.T. -0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

Tgt Ion: 63 Resp: 31227  
Ion Ratio Lower Upper  
63 100  
65 32.9 26.0 39.0  
106 25.5 20.6 31.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

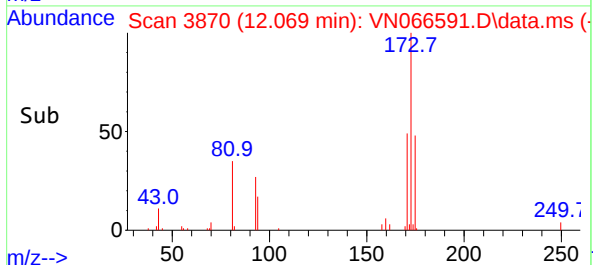
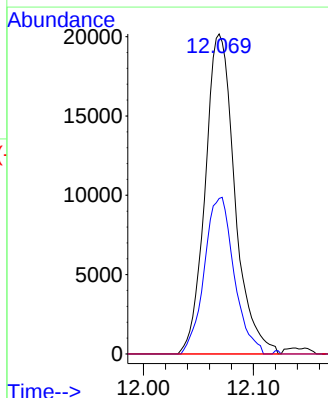
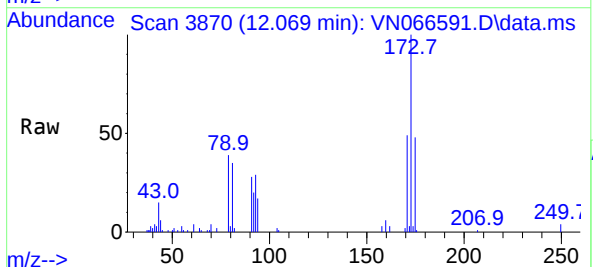
Manual Integrations  
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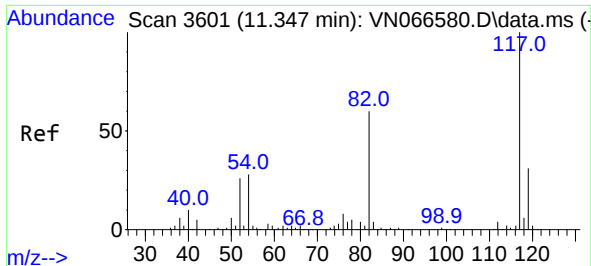
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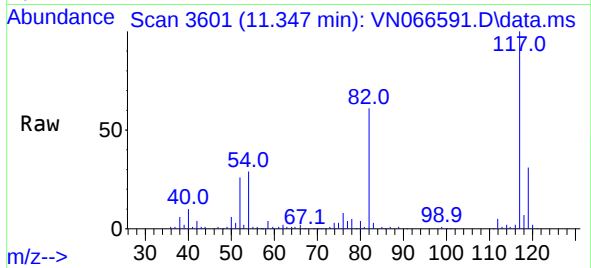
#56  
Bromoform  
Concen: 17.68 ug/l  
RT: 12.069 min Scan# 3870  
Delta R.T. -0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

Tgt Ion: 173 Resp: 37741  
Ion Ratio Lower Upper  
173 100  
175 49.2 38.3 57.5  
254 0.0 0.0 0.0

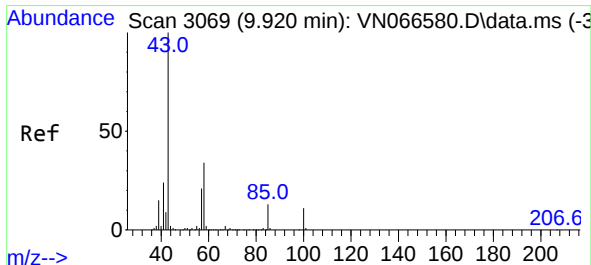
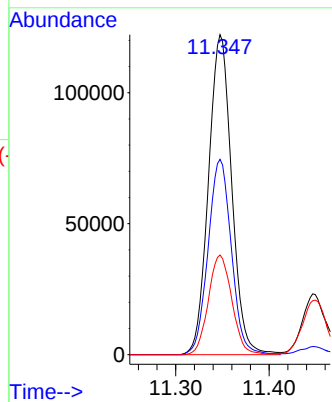
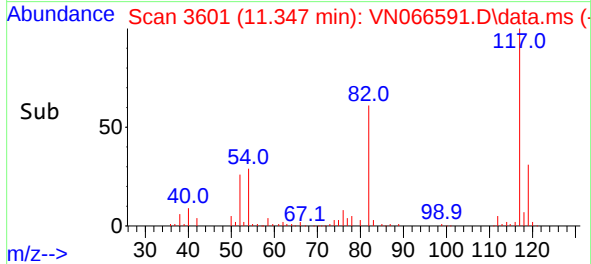




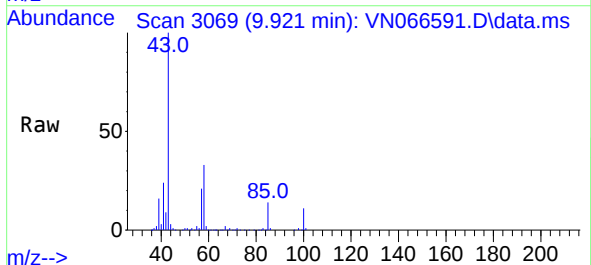
#57  
Chlorobenzene-d5  
Concen: 30.00 ug/l  
RT: 11.347 min Scan# 3601  
Delta R.T. -0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



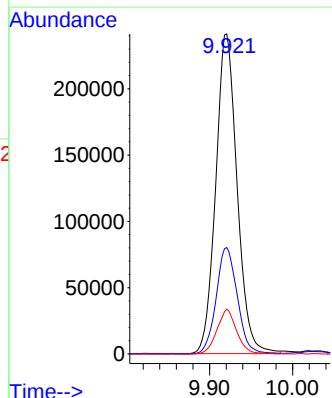
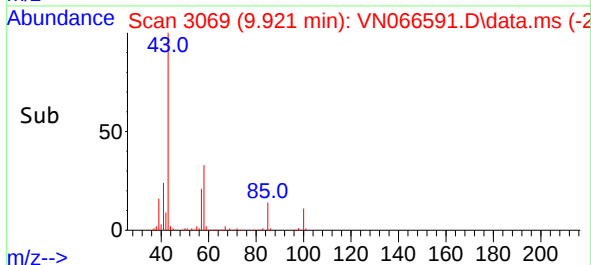
Tgt Ion: 117 Resp: 211124  
Ion Ratio Lower Upper  
117 100  
82 61.1 45.0 67.6  
119 31.5 25.5 38.3



#58  
4-Methyl-2-Pentanone  
Concen: 86.56 ug/l  
RT: 9.921 min Scan# 3069  
Delta R.T. 0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



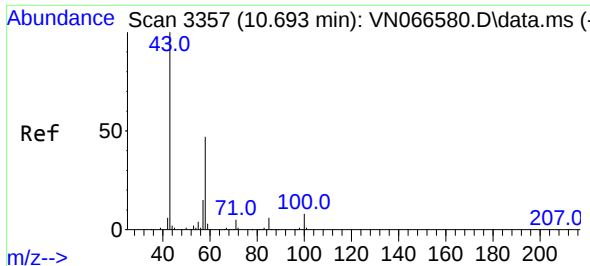
Tgt Ion: 43 Resp: 431888  
Ion Ratio Lower Upper  
43 100  
58 33.0 30.4 45.6  
85 12.9 13.8 20.8#



Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

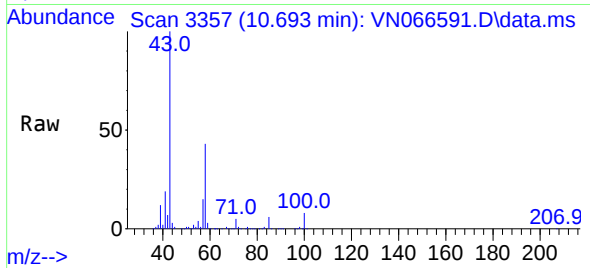
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#59  
2-Hexanone  
Concen: 83.19 ug/l  
RT: 10.693 min Scan# 3357  
Delta R.T. -0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

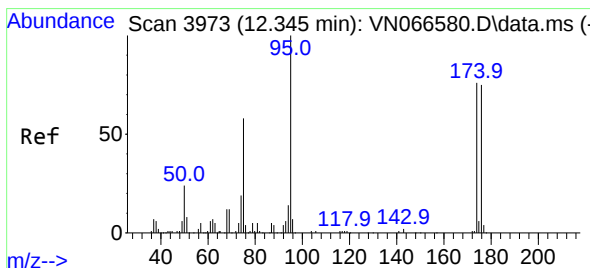
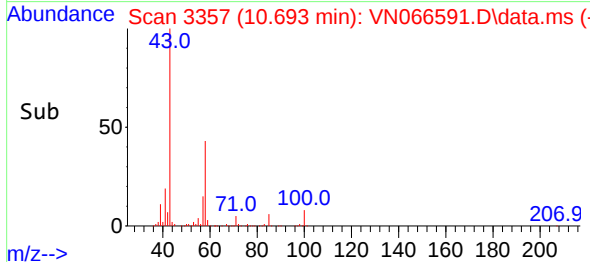
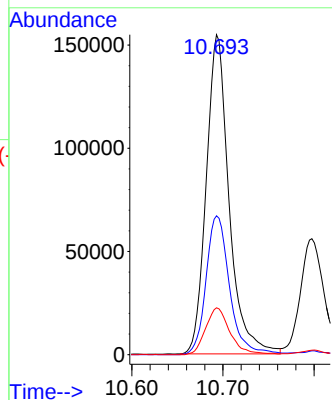
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



Tgt Ion: 43 Resp: 269022  
Ion Ratio Lower Upper  
43 100  
58 45.1 41.8 62.6  
57 15.7 14.9 22.3

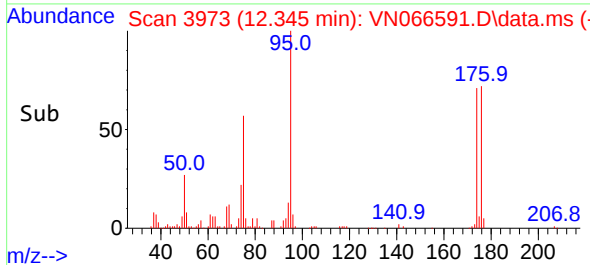
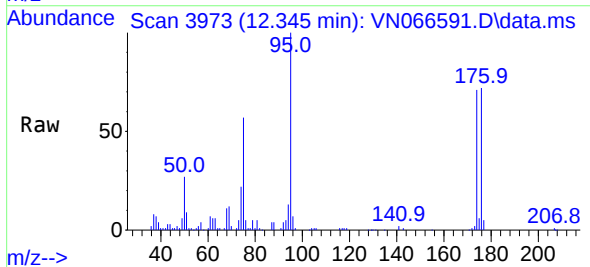
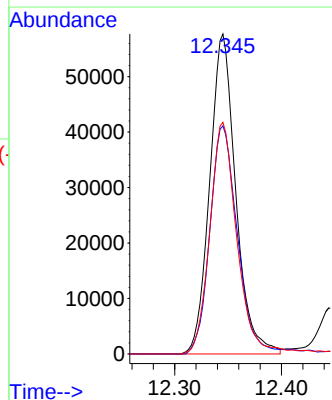
Manual Integrations  
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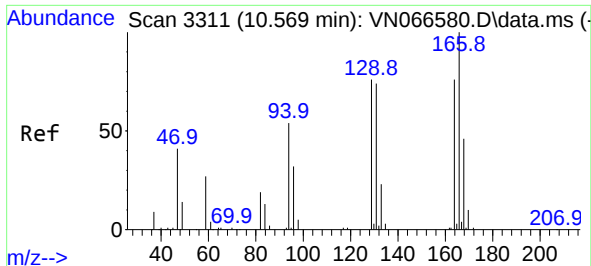
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#60  
4-Bromofluorobenzene  
Concen: 30.35 ug/l  
RT: 12.345 min Scan# 3973  
Delta R.T. 0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

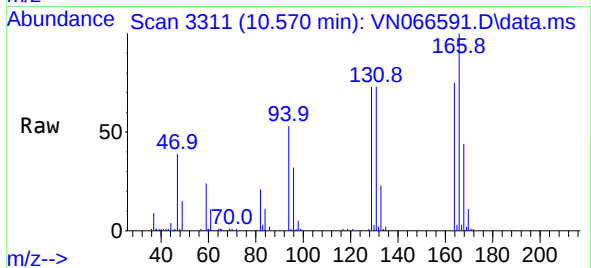
Tgt Ion: 95 Resp: 97562  
Ion Ratio Lower Upper  
95 100  
174 75.2 68.1 102.1  
176 73.9 65.4 98.0





#61  
Tetrachloroethene  
Concen: 16.61 ug/l  
RT: 10.570 min Scan# 3311  
Delta R.T. -0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

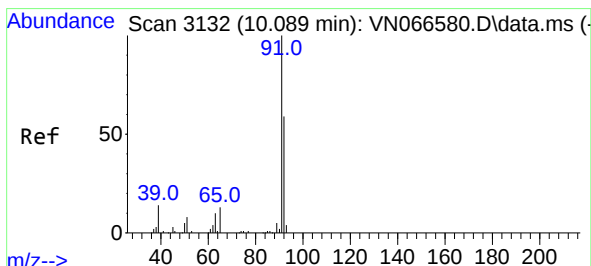
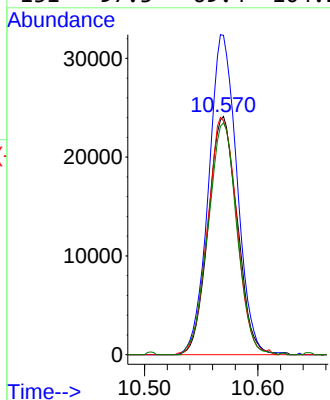
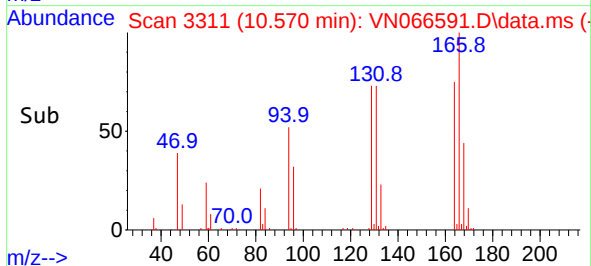
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



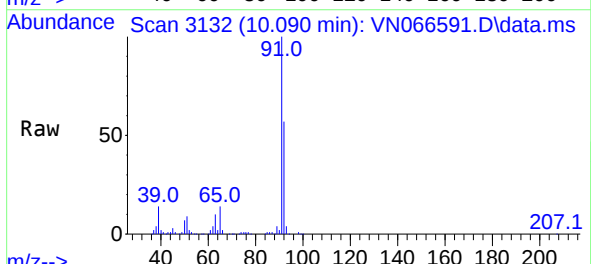
Tgt Ion:164 Resp: 42943  
Ion Ratio Lower Upper  
164 100  
166 134.0 100.5 150.7  
129 98.2 74.7 112.1  
131 97.3 69.4 104.2

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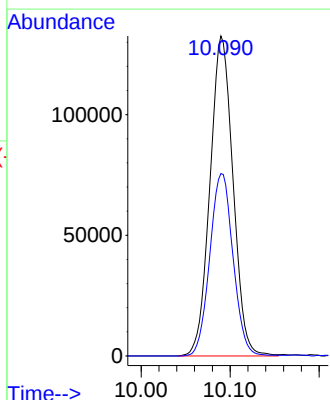
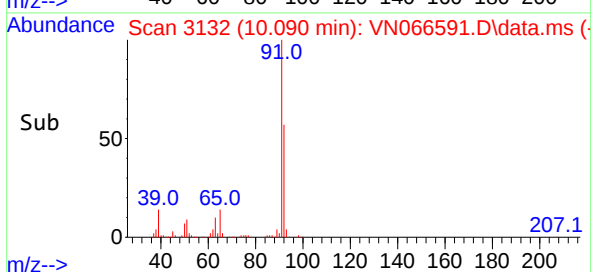
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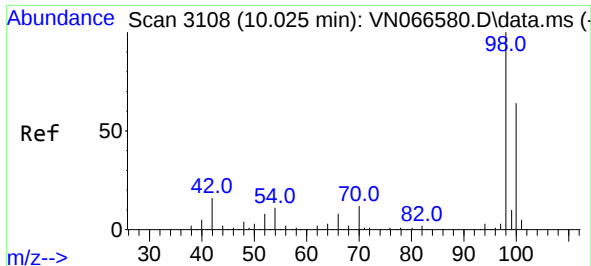


#62  
Toluene  
Concen: 18.29 ug/l  
RT: 10.090 min Scan# 3132  
Delta R.T. -0.002 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



Tgt Ion: 91 Resp: 238490  
Ion Ratio Lower Upper  
91 100  
92 57.5 46.2 69.2





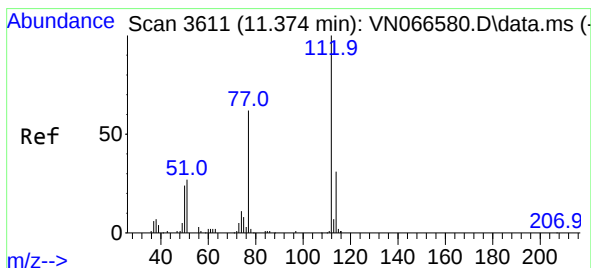
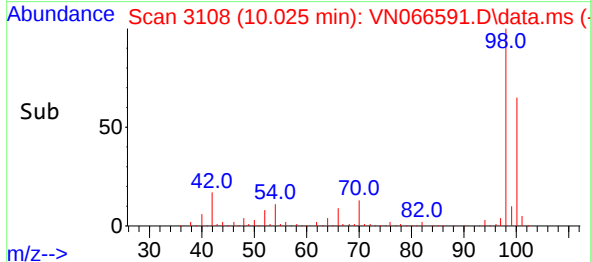
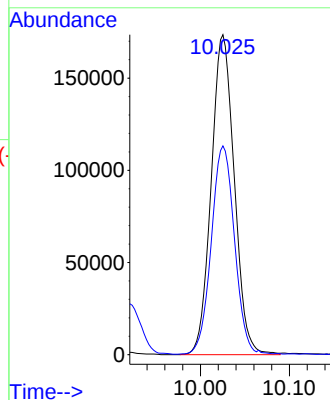
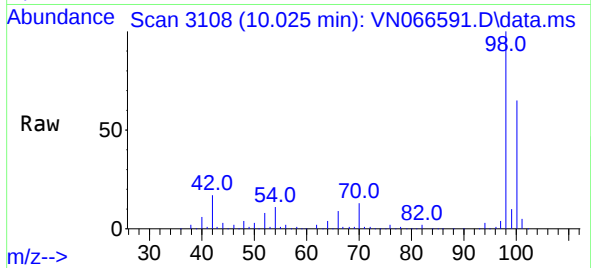
#63  
Toluene-d8  
Concen: 30.85 ug/l  
RT: 10.025 min Scan# 3108  
Delta R.T. 0.000 min  
Lab File: VN066591.D  
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Tgt Ion: 98 Resp: 312119  
Ion Ratio Lower Upper  
98 100  
100 65.2 51.1 76.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

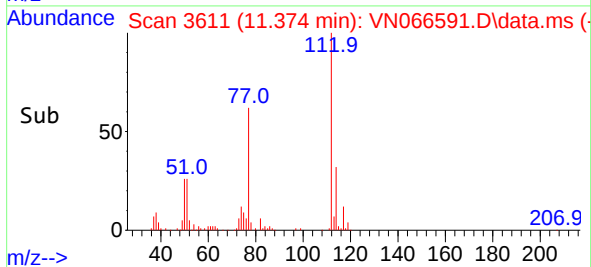
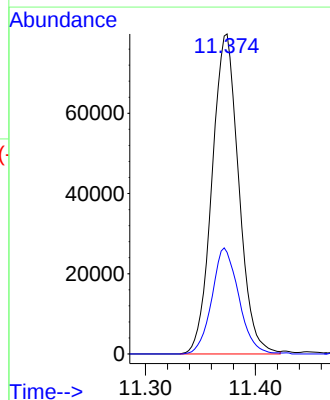
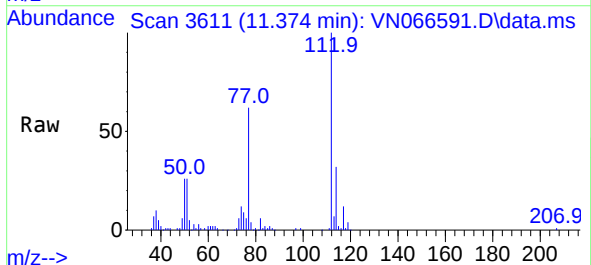
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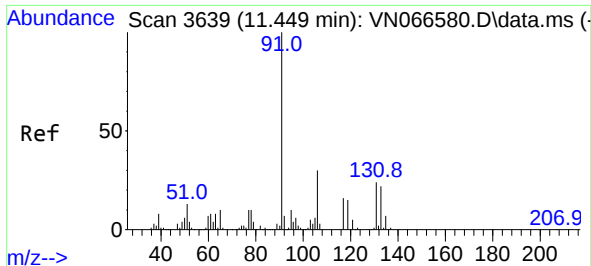
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#64  
Chlorobenzene  
Concen: 17.83 ug/l  
RT: 11.374 min Scan# 3611  
Delta R.T. 0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

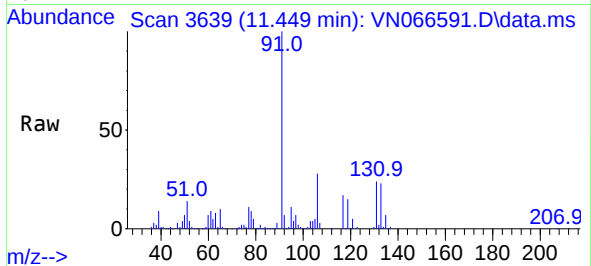
Tgt Ion: 112 Resp: 134738  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.6 38.4





#65  
1,1,1,2-Tetrachloroethane  
Concen: 18.64 ug/l  
RT: 11.449 min Scan# 3639  
Delta R.T. 0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

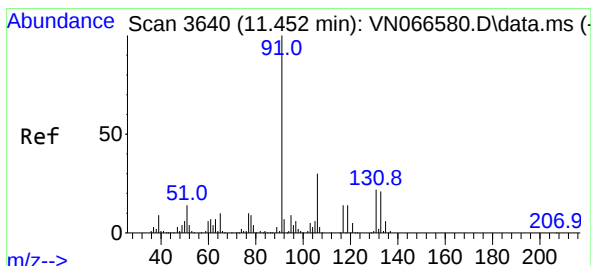
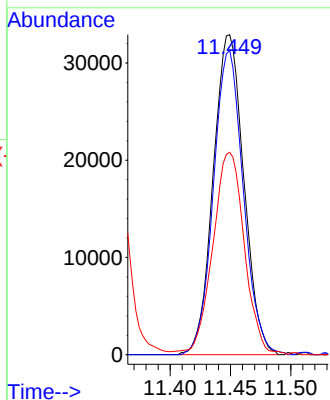
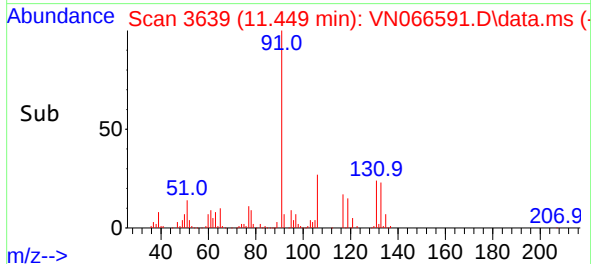
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



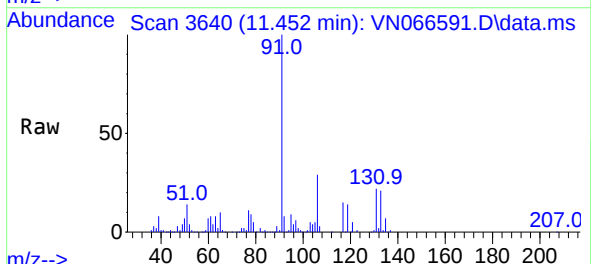
Tgt Ion:131 Resp: 58010  
Ion Ratio Lower Upper  
131 100  
133 93.0 0.0 188.4  
119 65.3 0.0 134.4

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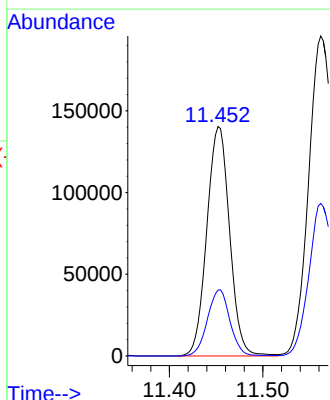
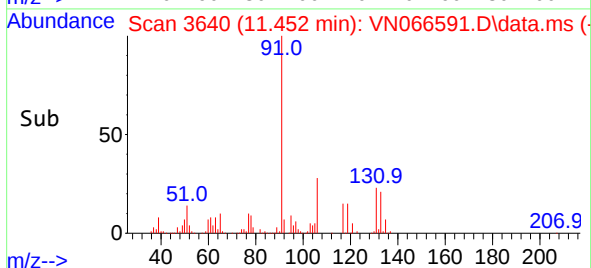
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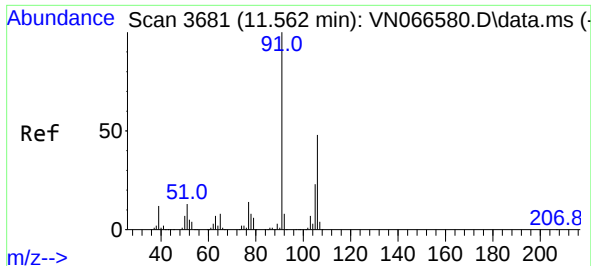


#66  
Ethyl Benzene  
Concen: 17.86 ug/l  
RT: 11.452 min Scan# 3640  
Delta R.T. -0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



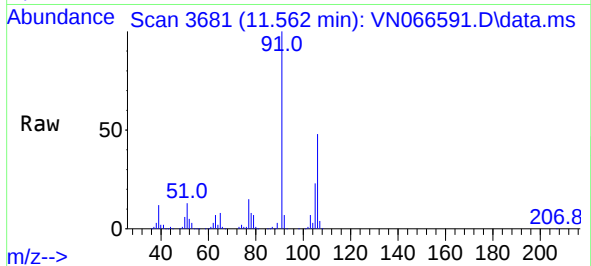
Tgt Ion: 91 Resp: 238136  
Ion Ratio Lower Upper  
91 100  
106 28.7 25.5 38.3





#67  
m/p-Xylenes  
Concen: 35.54 ug/l  
RT: 11.562 min Scan# 3681  
Delta R.T. -0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

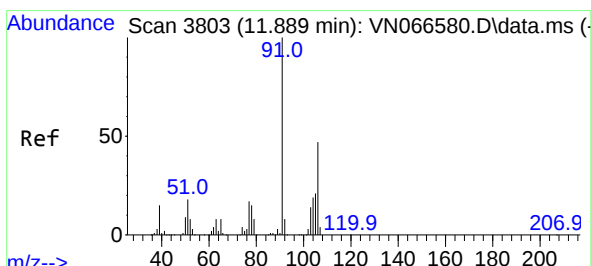
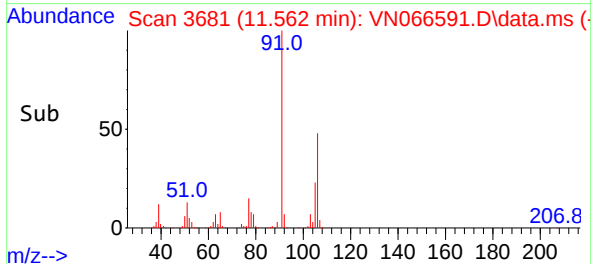
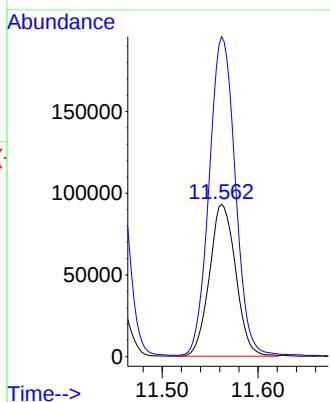
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



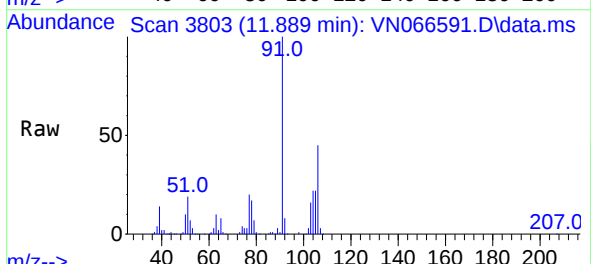
Tgt Ion:106 Resp: 176641  
Ion Ratio Lower Upper  
106 100  
91 210.1 164.8 247.2

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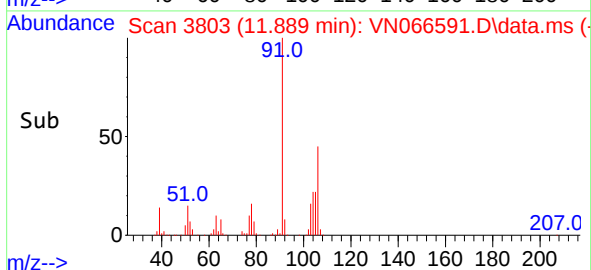
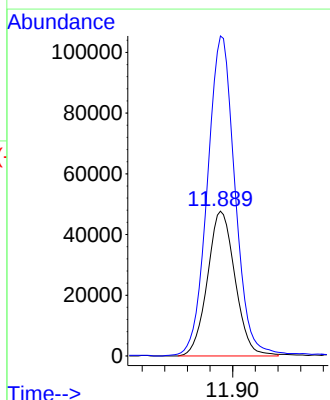
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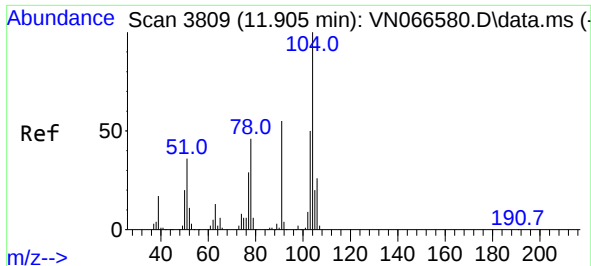


#68  
o-Xylene  
Concen: 17.73 ug/l  
RT: 11.889 min Scan# 3803  
Delta R.T. -0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



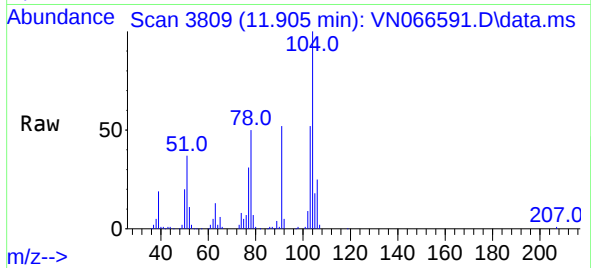
Tgt Ion:106 Resp: 80669  
Ion Ratio Lower Upper  
106 100  
91 221.6 107.1 321.4





#69  
Styrene  
Concen: 17.33 ug/l  
RT: 11.905 min Scan# 3809  
Delta R.T. -0.006 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

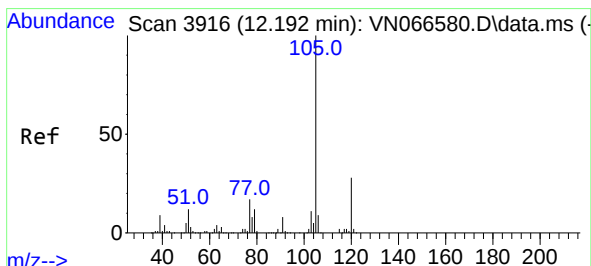
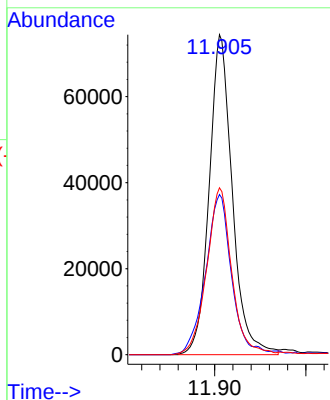
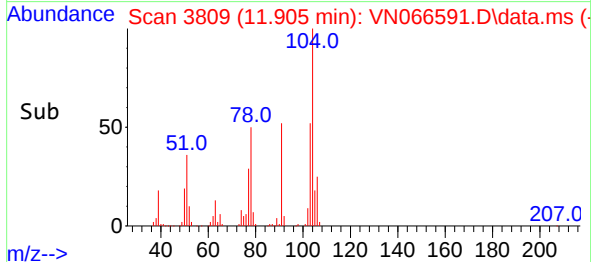
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ClientSampleId :  
VSTDCCC020EC



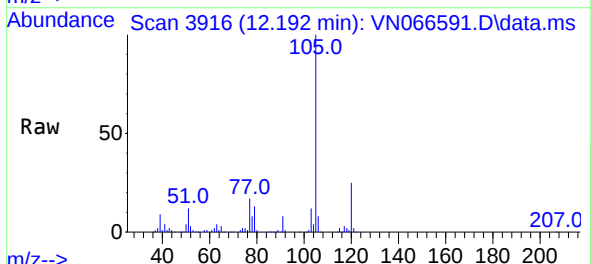
Tgt Ion:104 Resp: 131023  
Ion Ratio Lower Upper  
104 100  
78 55.1 41.0 61.6  
103 56.3 43.7 65.5

Manual Integrations  
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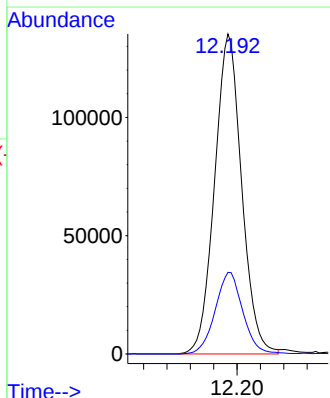
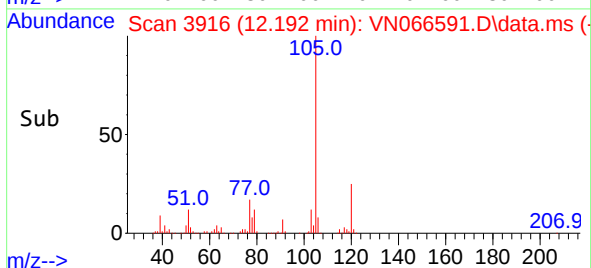
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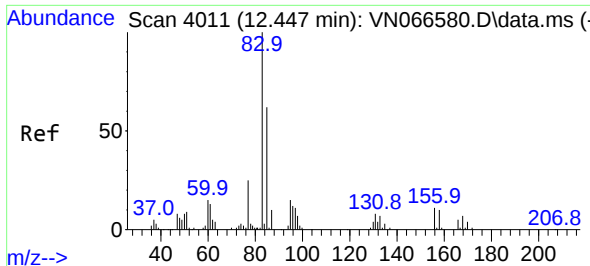


#70  
Isopropylbenzene  
Concen: 18.03 ug/l  
RT: 12.192 min Scan# 3916  
Delta R.T. -0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



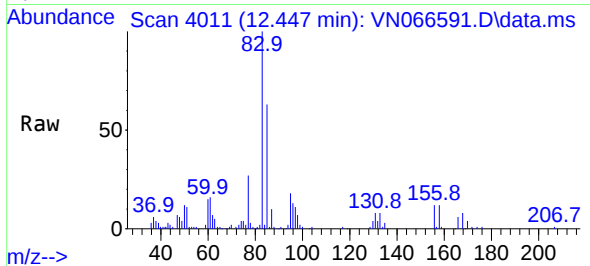
Tgt Ion:105 Resp: 217332  
Ion Ratio Lower Upper  
105 100  
120 26.1 18.7 34.7





#71  
1,1,2,2-Tetrachloroethane  
Concen: 18.36 ug/l  
RT: 12.447 min Scan# 4011  
Delta R.T. -0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

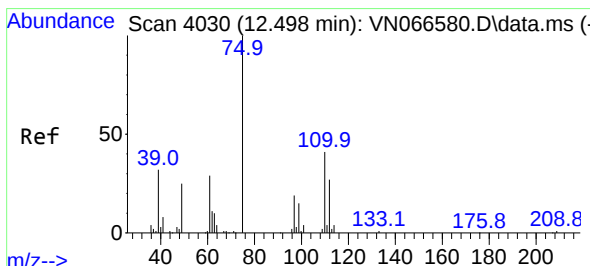
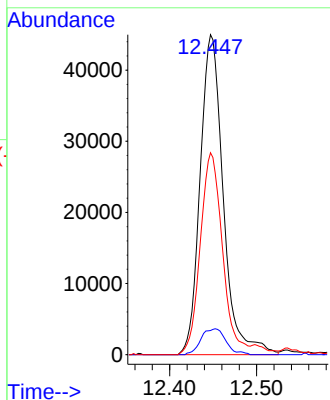
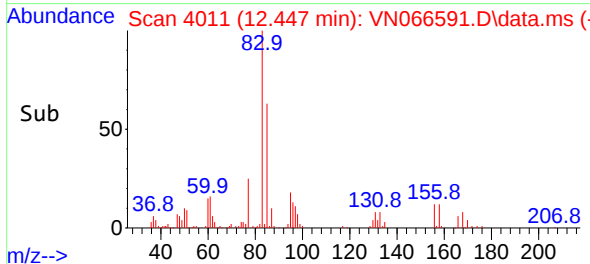
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ClientSampleId :  
VSTDCCC020EC



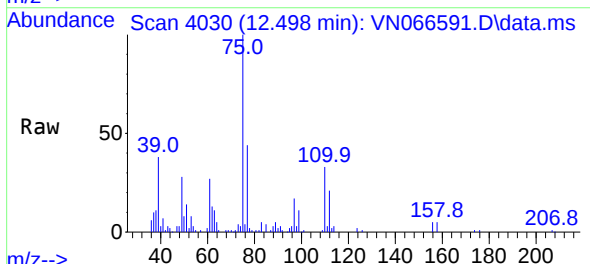
Tgt Ion: 83 Resp: 83228  
Ion Ratio Lower Upper  
83 100  
131 0.0 4.9 14.6#  
85 60.5 31.4 94.2

Manual Integrations  
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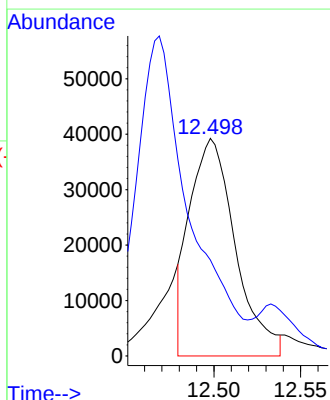
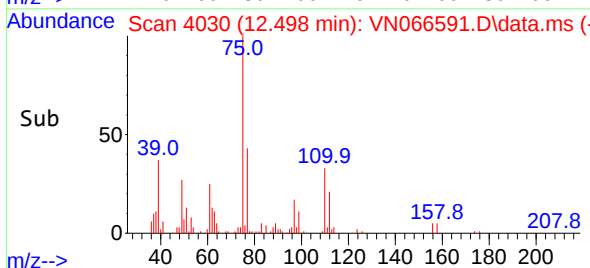
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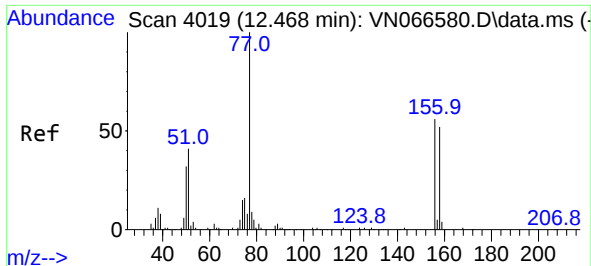


#72  
1,2,3-Trichloropropane  
Concen: 17.53 ug/l m  
RT: 12.498 min Scan# 4030  
Delta R.T. -0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



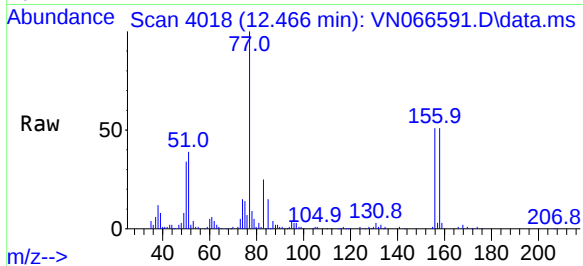
Tgt Ion: 75 Resp: 71896  
Ion Ratio Lower Upper  
75 100  
77 171.1 0.0 310.8





#73  
Bromobenzene  
Concen: 18.11 ug/l  
RT: 12.466 min Scan# 4018  
Delta R.T. -0.002 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

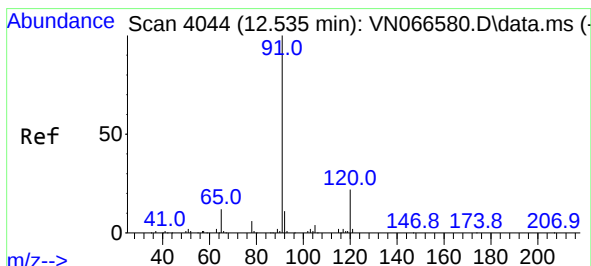
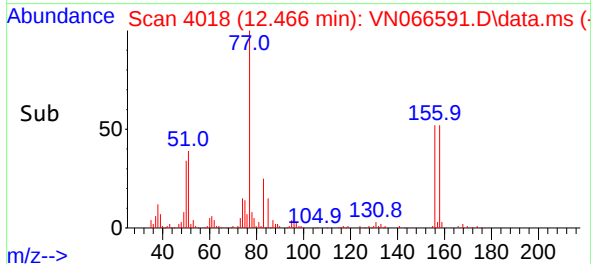
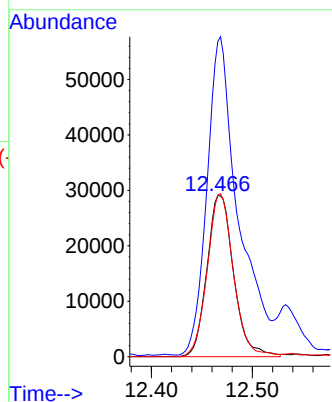
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



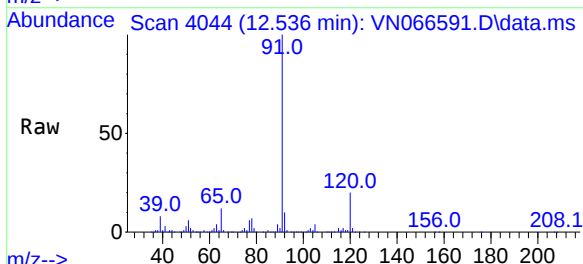
Tgt Ion:156 Resp: 53472  
Ion Ratio Lower Upper  
156 100  
77 230.1 0.0 399.6  
158 99.0 0.0 192.8

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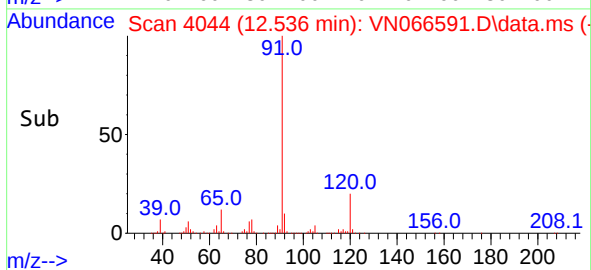
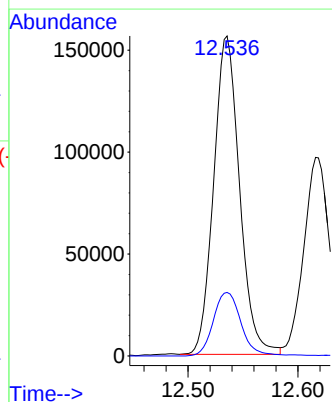
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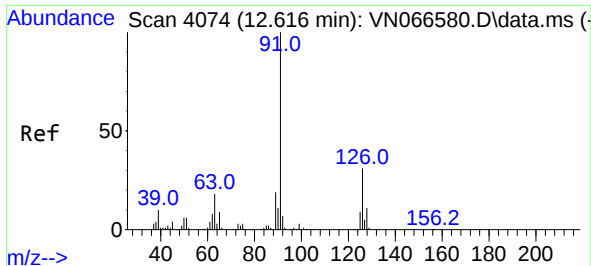


#74  
n-propylbenzene  
Concen: 17.92 ug/l  
RT: 12.536 min Scan# 4044  
Delta R.T. 0.001 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



Tgt Ion: 91 Resp: 255465  
Ion Ratio Lower Upper  
91 100  
120 21.3 0.0 45.2





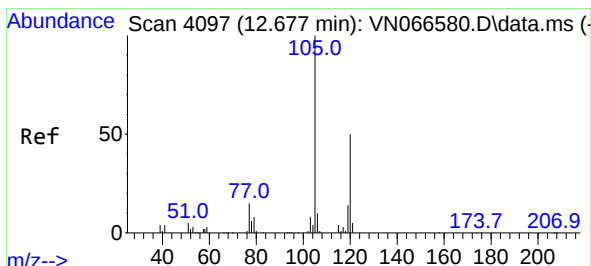
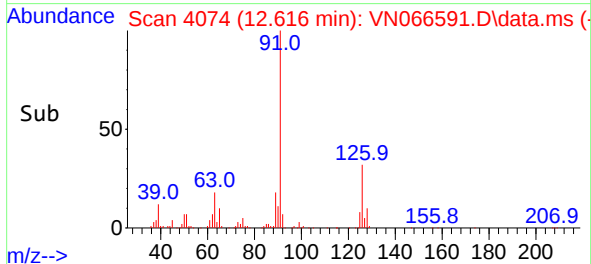
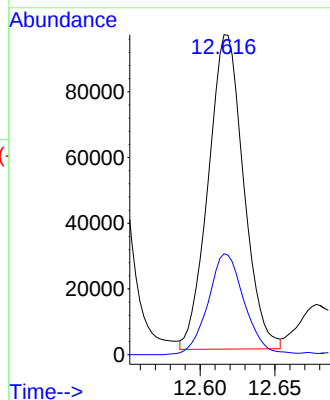
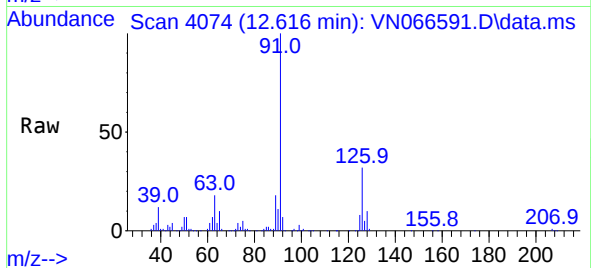
#75  
2-Chlorotoluene  
Concen: 17.61 ug/l  
RT: 12.616 min Scan# 4074  
Delta R.T. -0.003 min  
Lab File: VN066591.D  
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Tgt Ion: 91 Resp: 157216  
Ion Ratio Lower Upper  
91 100  
126 32.9 0.0 68.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

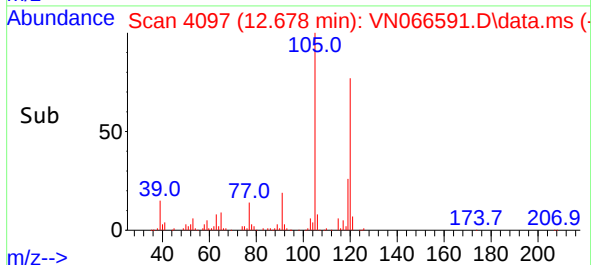
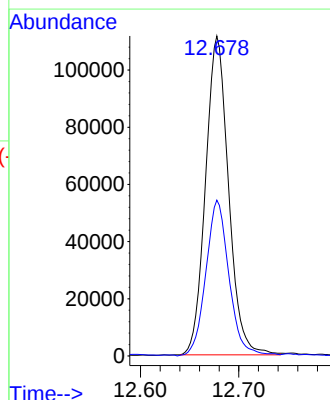
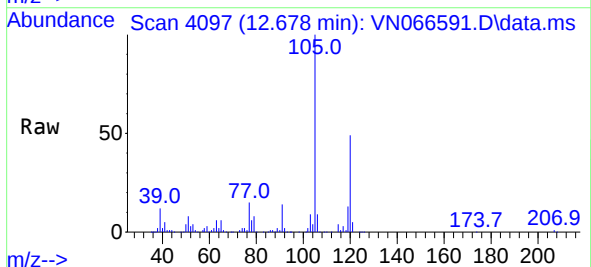
Manual Integrations  
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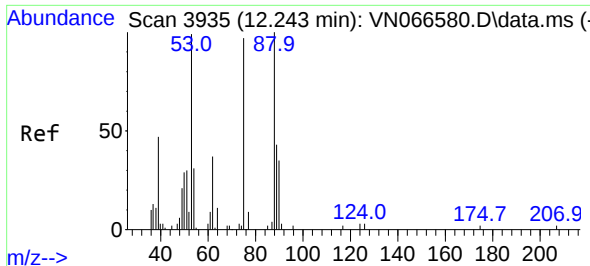
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#76  
1,3,5-Trimethylbenzene  
Concen: 17.81 ug/l  
RT: 12.678 min Scan# 4097  
Delta R.T. -0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

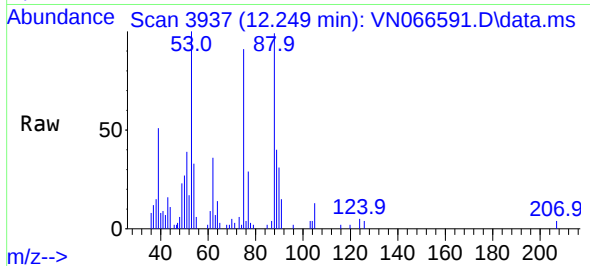
Tgt Ion: 105 Resp: 181804  
Ion Ratio Lower Upper  
105 100  
120 49.0 0.0 98.2





#77  
t-1,4-Dichloro-2-butene  
Concen: 17.01 ug/l  
RT: 12.249 min Scan# 3937  
Delta R.T. 0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

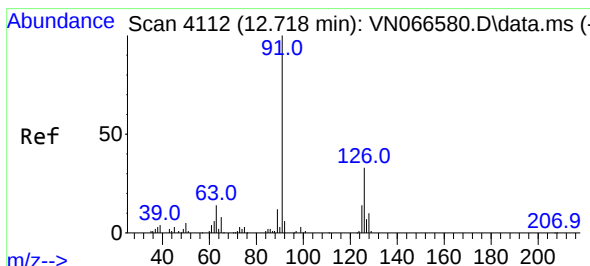
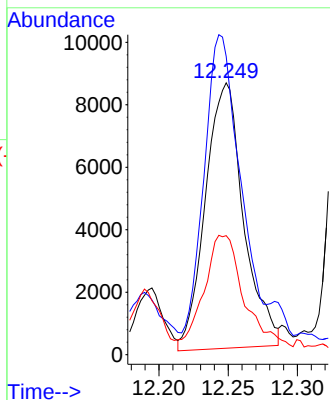
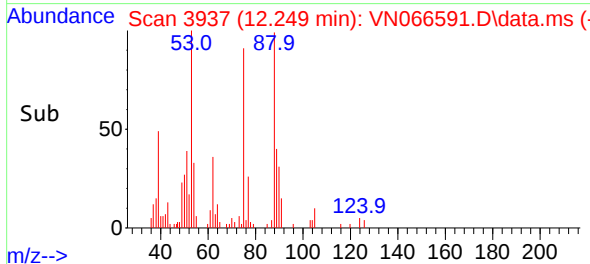
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



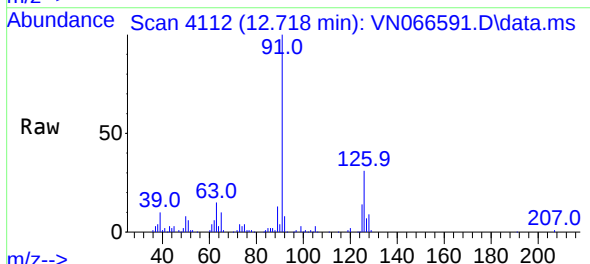
Tgt Ion: 75 Resp: 16336  
Ion Ratio Lower Upper  
75 100  
53 107.1 49.6 149.0  
89 40.3 22.9 68.7

Manual Integrations  
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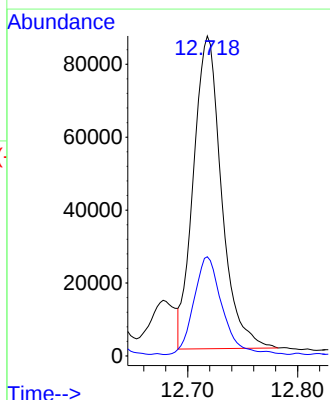
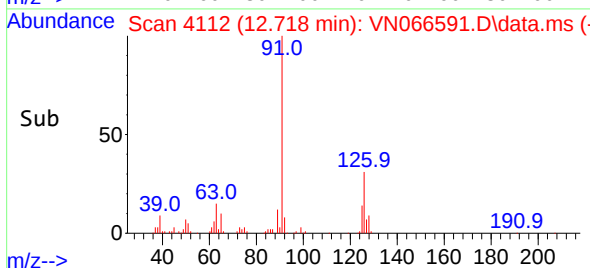
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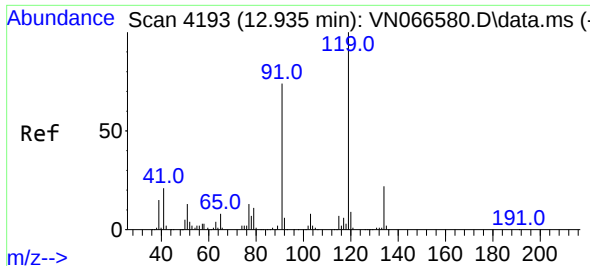


#78  
4-Chlorotoluene  
Concen: 18.31 ug/l  
RT: 12.718 min Scan# 4112  
Delta R.T. -0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

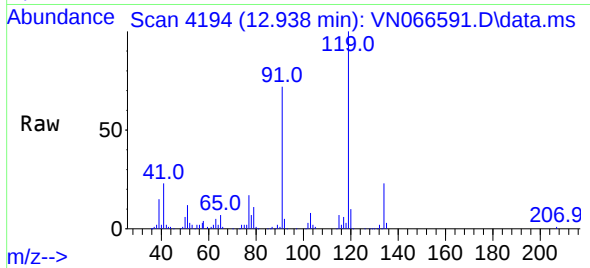


Tgt Ion: 91 Resp: 152417  
Ion Ratio Lower Upper  
91 100  
126 31.1 0.0 65.4

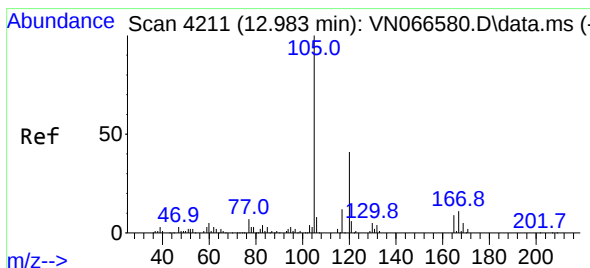
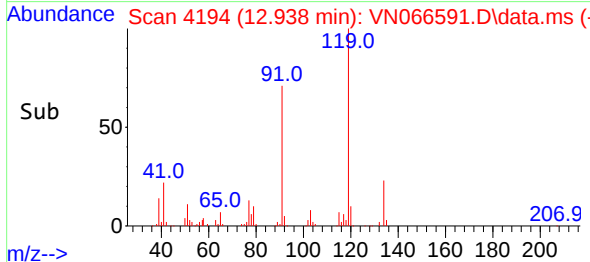
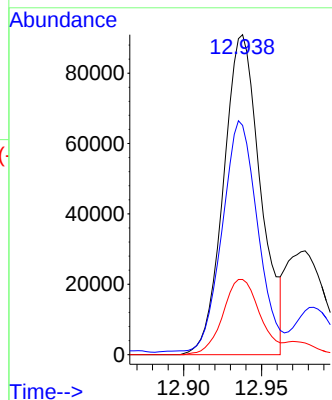




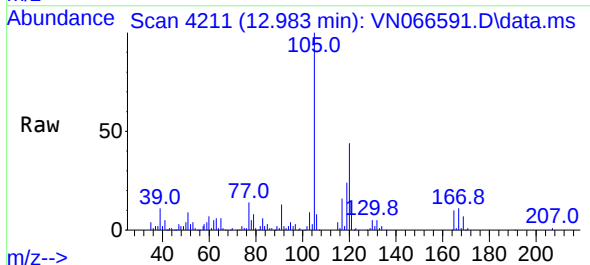
#79  
tert-butylbenzene  
Concen: 17.94 ug/l  
RT: 12.938 min Scan# 4194  
Delta R.T. -0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



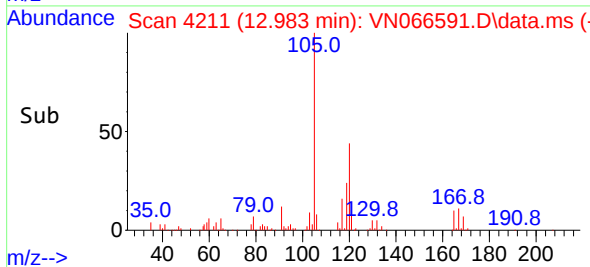
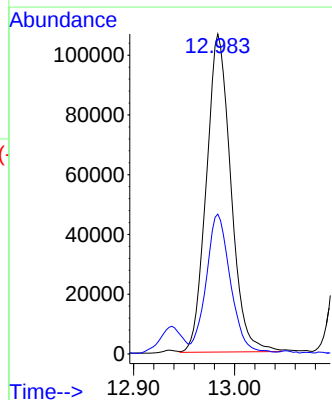
Tgt Ion:119 Resp: 150481  
Ion Ratio Lower Upper  
119 100  
91 68.4 0.0 133.4  
134 23.5 0.0 51.0



#80  
1,2,4-Trimethylbenzene  
Concen: 18.66 ug/l  
RT: 12.983 min Scan# 4211  
Delta R.T. 0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



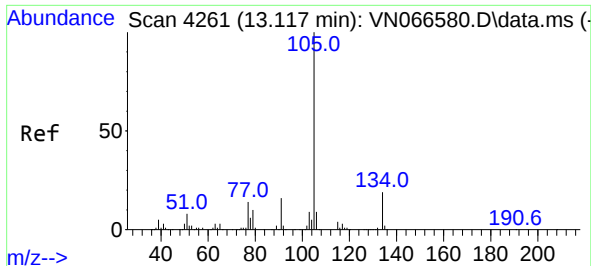
Tgt Ion:105 Resp: 179550  
Ion Ratio Lower Upper  
105 100  
120 41.8 0.0 90.6



Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

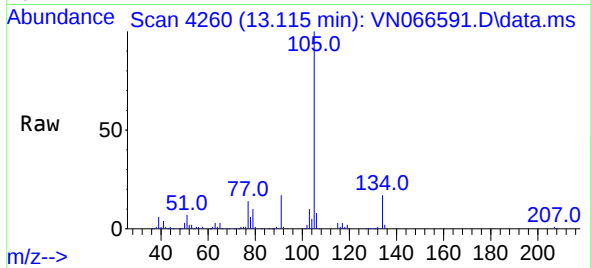
Manual Integrations  
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#81  
 sec-Butylbenzene  
 Concen: 17.59 ug/l  
 RT: 13.115 min Scan# 4260  
 Delta R.T. -0.000 min  
 Lab File: VN066591.D  
 Acq: 13 Apr 2021 20:38

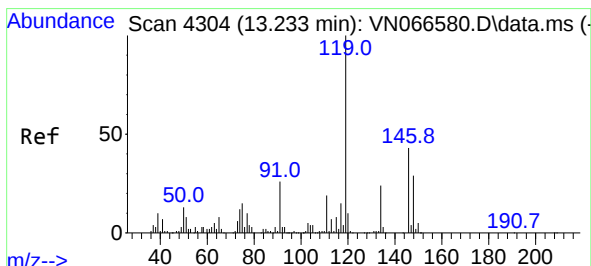
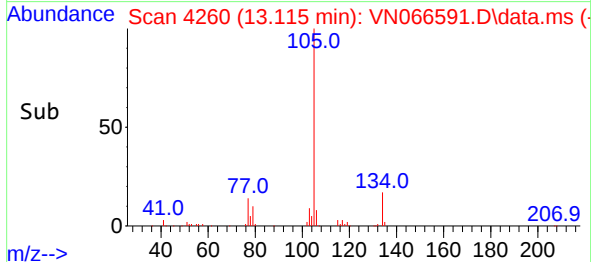
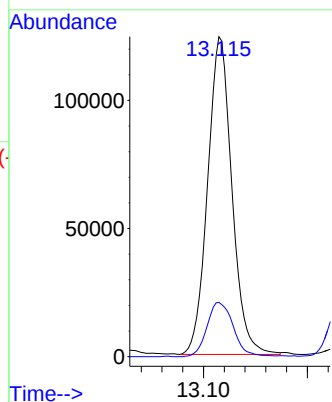
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC



Tgt Ion:105 Resp: 201472  
 Ion Ratio Lower Upper  
 105 100  
 134 18.4 0.0 40.0

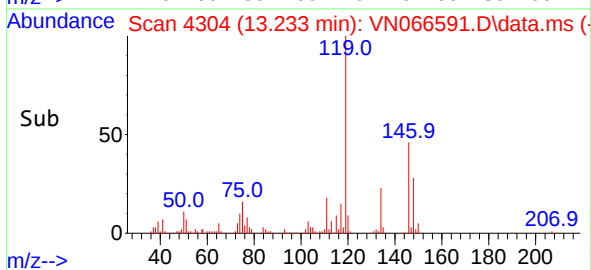
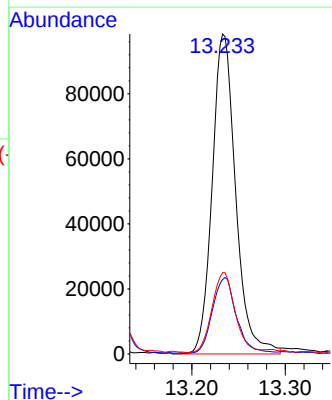
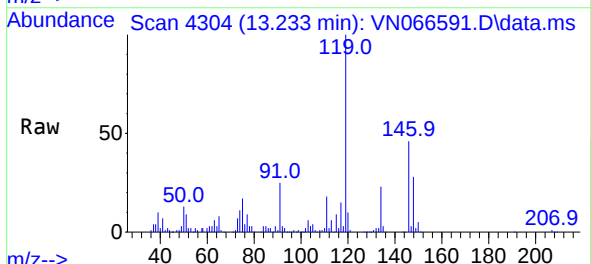
Manual Integrations  
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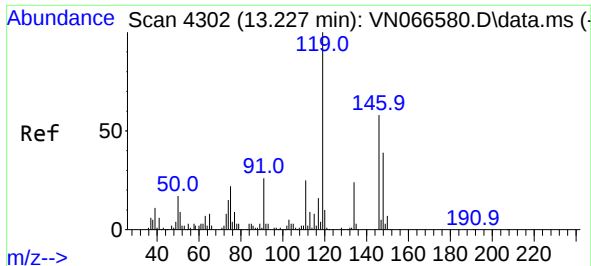
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#82  
 p-Isopropyltoluene  
 Concen: 18.00 ug/l  
 RT: 13.233 min Scan# 4304  
 Delta R.T. -0.000 min  
 Lab File: VN066591.D  
 Acq: 13 Apr 2021 20:38

Tgt Ion:119 Resp: 172199  
 Ion Ratio Lower Upper  
 119 100  
 134 24.1 0.0 53.4  
 91 24.5 0.0 47.6





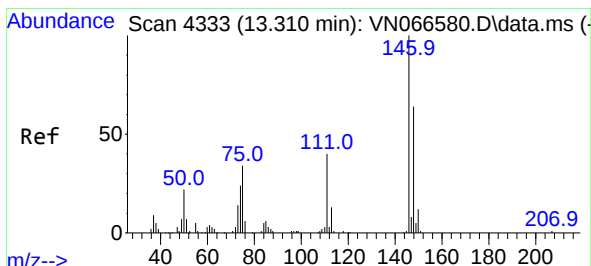
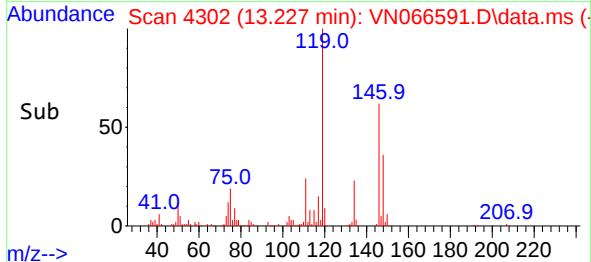
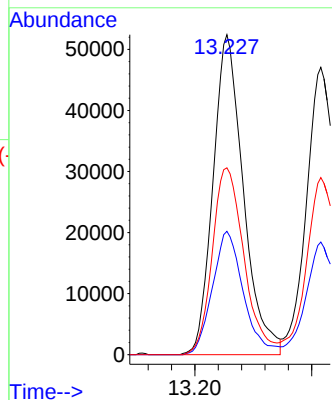
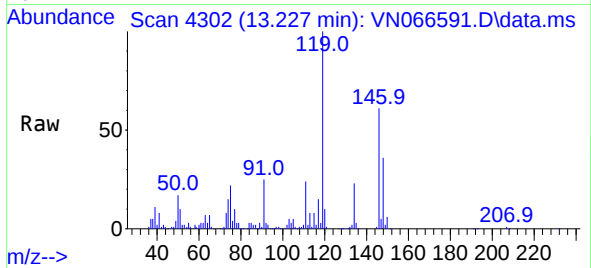
#83  
1,3-Dichlorobenzene  
Concen: 18.27 ug/l  
RT: 13.227 min Scan# 4302  
Delta R.T. 0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

Tgt Ion:146 Resp: 94419  
Ion Ratio Lower Upper  
146 100  
111 39.5 19.3 57.9  
148 61.2 31.9 95.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

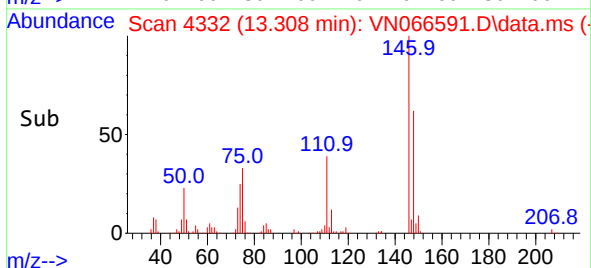
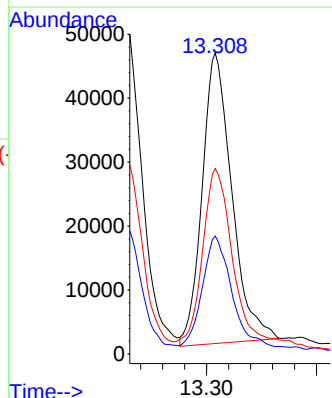
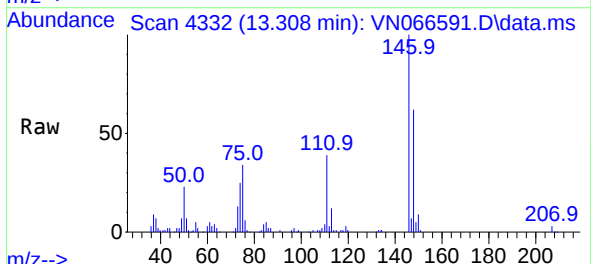
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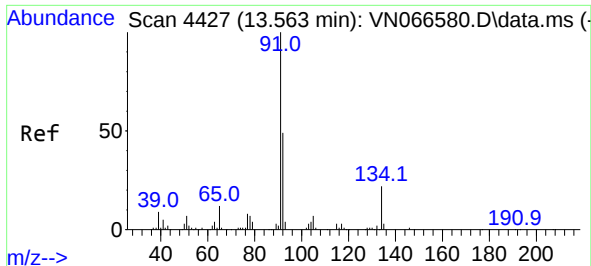
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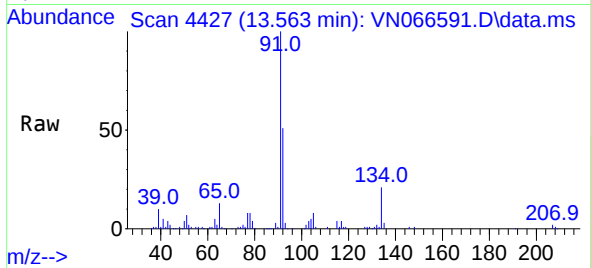
#84  
1,4-Dichlorobenzene  
Concen: 16.51 ug/l  
RT: 13.308 min Scan# 4332  
Delta R.T. -0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

Tgt Ion:146 Resp: 85218  
Ion Ratio Lower Upper  
146 100  
111 38.8 18.4 55.0  
148 60.8 31.9 95.5

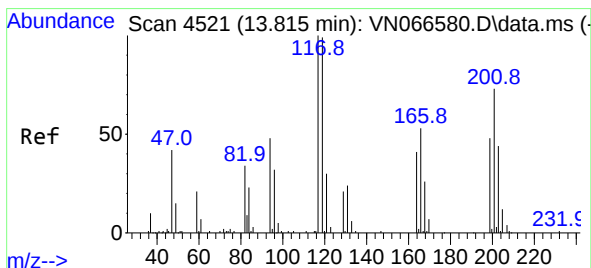
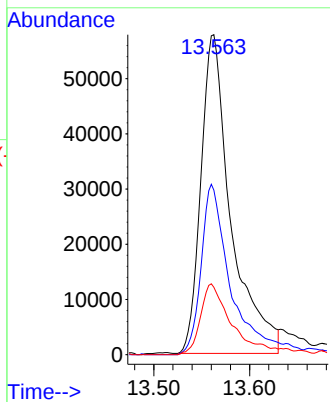
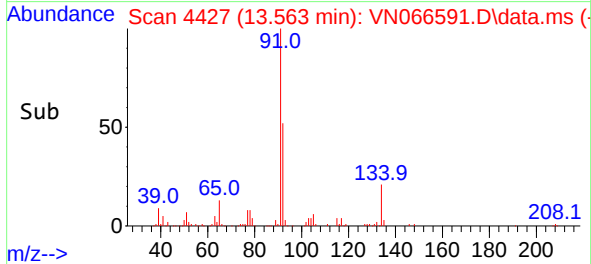




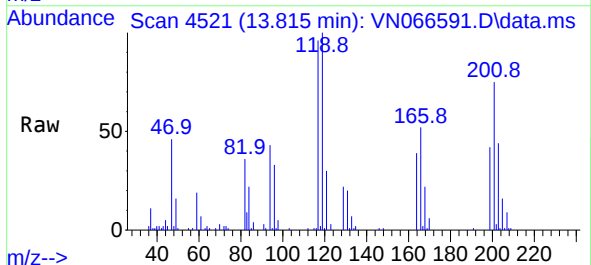
#85  
n-Butylbenzene  
Concen: 14.94 ug/l  
RT: 13.563 min Scan# 4427  
Delta R.T. 0.003 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



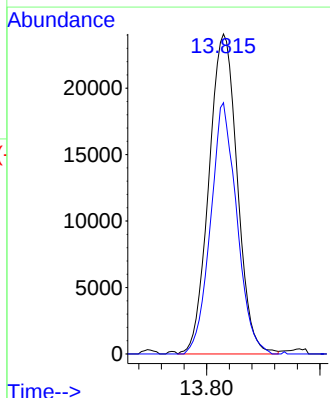
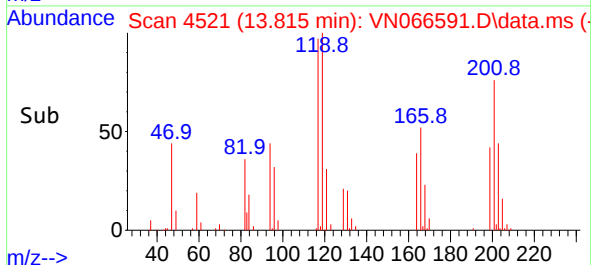
Tgt Ion: 91 Resp: 126138  
Ion Ratio Lower Upper  
91 100  
92 51.6 0.0 102.6  
134 21.4 0.0 49.0



#86  
Hexachloroethane  
Concen: 18.13 ug/l  
RT: 13.815 min Scan# 4521  
Delta R.T. -0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



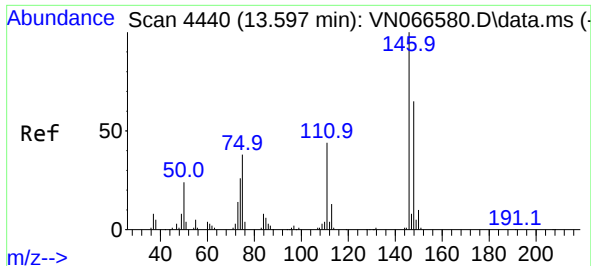
Tgt Ion: 117 Resp: 41872  
Ion Ratio Lower Upper  
117 100  
201 72.6 43.3 129.8



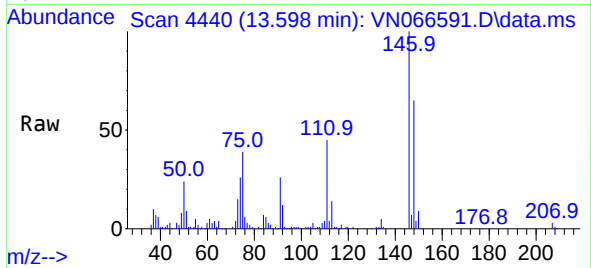
Instrument :  
MSVOA\_N  
ClientSampleId :  
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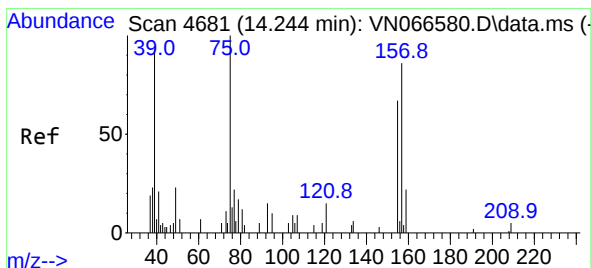
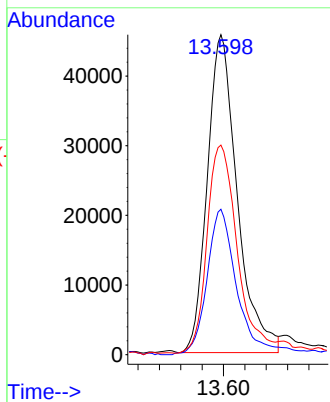
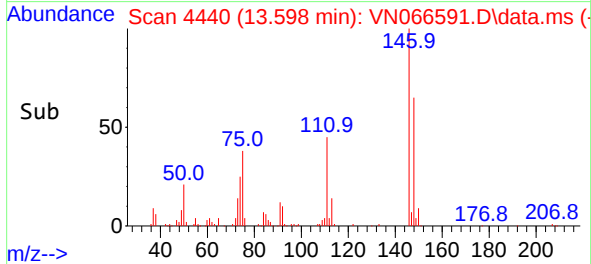
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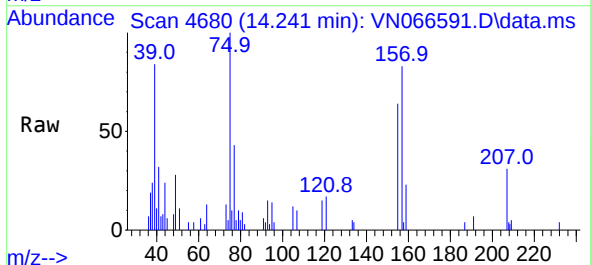
#87  
1,2-Dichlorobenzene  
Concen: 17.61 ug/l  
RT: 13.598 min Scan# 4440  
Delta R.T. -0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



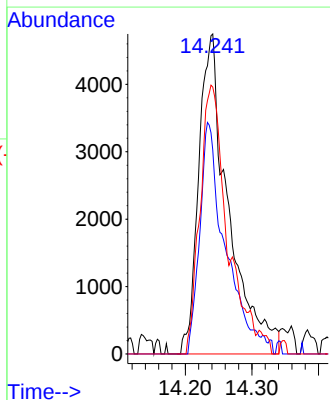
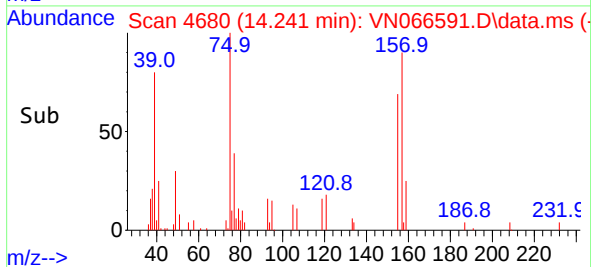
Tgt Ion: 146 Resp: 88944  
Ion Ratio Lower Upper  
146 100  
111 46.0 20.3 60.9  
148 66.0 32.0 96.0



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 17.92 ug/l m  
RT: 14.241 min Scan# 4680  
Delta R.T. 0.008 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



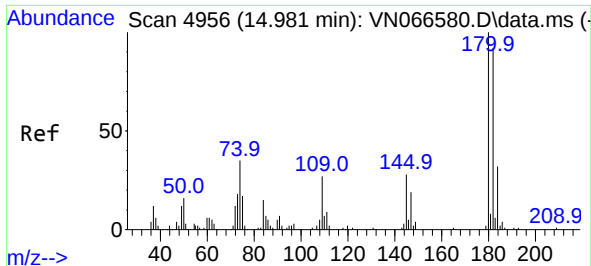
Tgt Ion: 75 Resp: 14702  
Ion Ratio Lower Upper  
75 100  
155 59.7 68.3 102.5#  
157 62.6 87.8 131.6#



Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

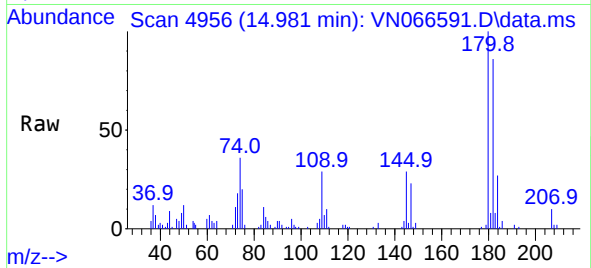
Manual Integrations  
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#89  
1,2,4-Trichlorobenzene  
Concen: 15.18 ug/l  
RT: 14.981 min Scan# 4956  
Delta R.T. 0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

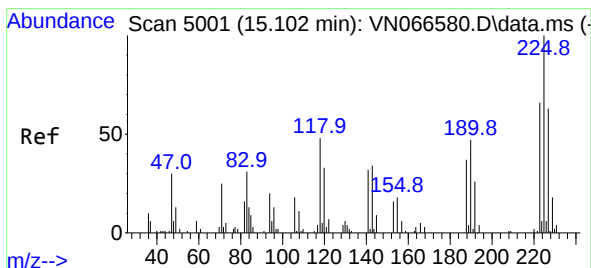
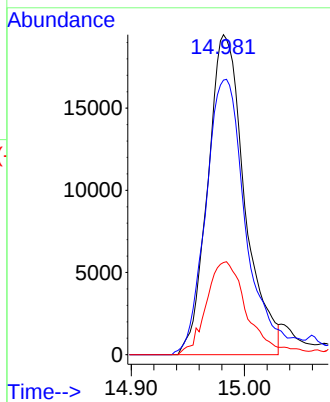
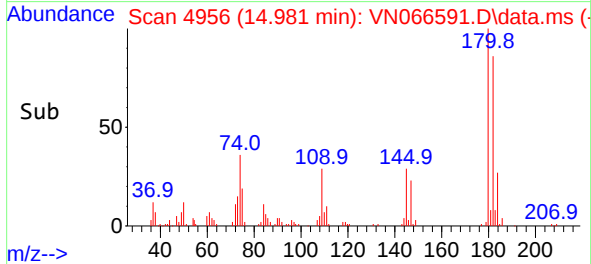
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



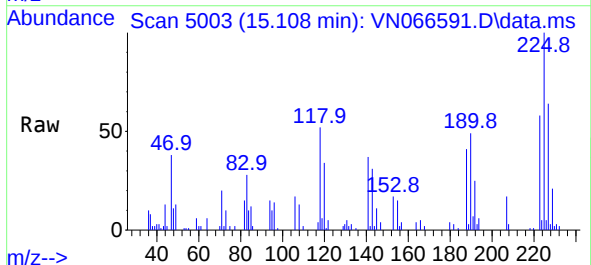
Tgt Ion:180 Resp: 44081  
Ion Ratio Lower Upper  
180 100  
182 92.4 74.3 111.5  
145 25.7 23.4 35.0

Manual Integrations  
APPROVED

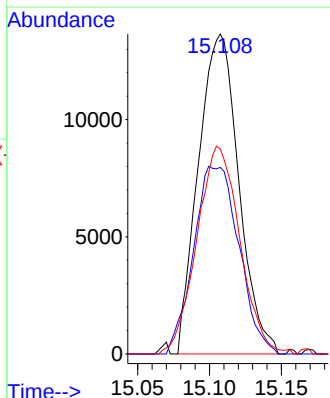
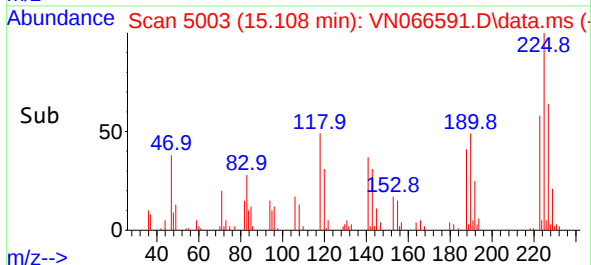
MMDadoda  
4/14/2021 1:47:23 PM

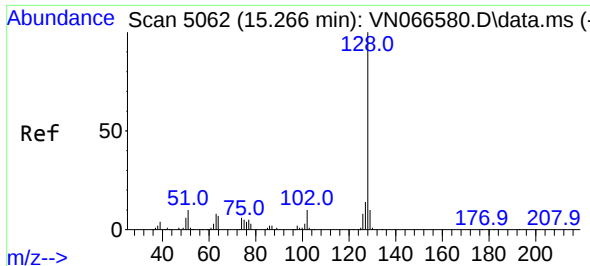


#90  
Hexachlorobutadiene  
Concen: 15.93 ug/l  
RT: 15.108 min Scan# 5003  
Delta R.T. 0.001 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



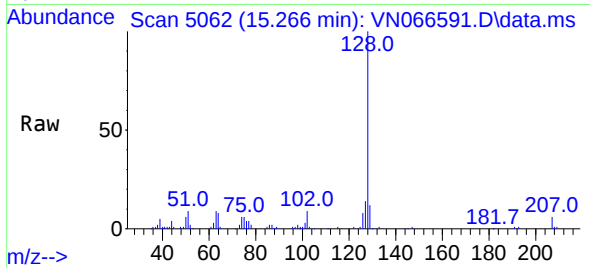
Tgt Ion:225 Resp: 26688  
Ion Ratio Lower Upper  
225 100  
223 34.9 0.0 124.6  
227 69.0 0.0 126.6





#91  
Naphthalene  
Concen: 12.40 ug/l  
RT: 15.266 min Scan# 5062  
Delta R.T. -0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38

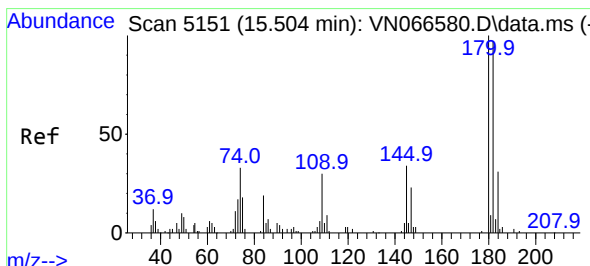
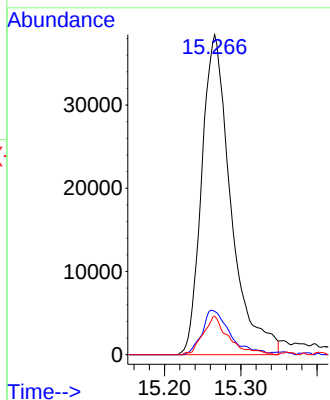
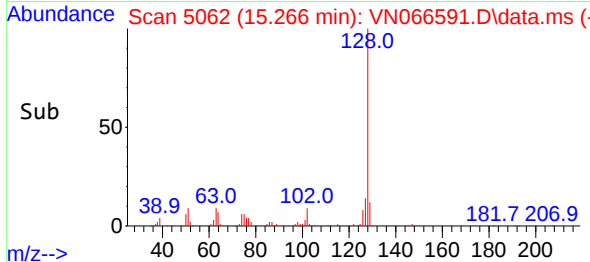
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



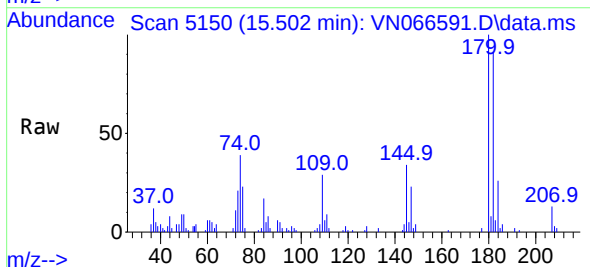
Tgt Ion:128 Resp: 102004  
Ion Ratio Lower Upper  
128 100  
127 12.0 10.2 15.2  
129 9.0 8.6 13.0

Manual Integrations  
APPROVED

MMDadoda  
4/14/2021 1:47:23 PM



#92  
1,2,3-Trichlorobenzene  
Concen: 14.55 ug/l  
RT: 15.502 min Scan# 5150  
Delta R.T. -0.000 min  
Lab File: VN066591.D  
Acq: 13 Apr 2021 20:38



Tgt Ion:180 Resp: 43469  
Ion Ratio Lower Upper  
180 100  
182 95.8 0.0 190.0  
145 33.8 0.0 60.8

