

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022221\  
 Data File : VN065949.D  
 Acq On : 22 Feb 2021 10:30  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 2/23/2021 11:49:02 AM

Quant Time: Feb 22 15:09:40 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 17 15:48:13 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|--------|--------|----------|
| -----                        |                |      |            |        |        |          |
| Internal Standards           |                |      |            |        |        |          |
| 1) Pentafluorobenzene        | 7.627          | 168  | 152328     | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.550          | 114  | 259546     | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.376         | 117  | 241129     | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.315         | 152  | 116979     | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 7.987          | 65   | 95408      | 44.79  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 61 - 141 |      | Recovery = | 89.58% |        |          |
| 35) Dibromofluoromethane     | 7.550          | 113  | 72010      | 44.83  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 69 - 133 |      | Recovery = | 89.66% |        |          |
| 50) Toluene-d8               | 10.058         | 98   | 299613     | 45.44  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 65 - 126 |      | Recovery = | 90.88% |        |          |
| 62) 4-Bromofluorobenzene     | 12.373         | 95   | 116122     | 46.91  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 58 - 135 |      | Recovery = | 93.82% |        |          |
| Target Compounds             |                |      |            |        |        |          |
|                              |                |      |            |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.853          | 85   | 85405      | 42.83  | ug/l   | 98       |
| 3) Chloromethane             | 2.055          | 50   | 104992     | 42.02  | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.184          | 62   | 105429     | 42.83  | ug/l   | 98       |
| 5) Bromomethane              | 2.560          | 94   | 63822      | 42.32  | ug/l   | 100      |
| 6) Chloroethane              | 2.695          | 64   | 58606      | 42.20  | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.010          | 101  | 136157     | 44.42  | ug/l   | 97       |
| 8) Diethyl Ether             | 3.390          | 74   | 50140      | 44.58  | ug/l   | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 3.737          | 101  | 69804      | 43.05  | ug/l   | 98       |
| 10) Methyl Iodide            | 3.930          | 142  | 97464      | 38.49  | ug/l   | 98       |
| 11) Tert butyl alcohol       | 4.746          | 59   | 69670      | 235.22 | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 3.714          | 96   | 73108      | 42.73  | ug/l   | 95       |
| 13) Acrolein                 | 3.579          | 56   | 63701      | 235.01 | ug/l   | 96       |
| 14) Allyl chloride           | 4.293          | 41   | 132727     | 45.44  | ug/l   | 96       |
| 15) Acrylonitrile            | 4.943          | 53   | 186167     | 226.66 | ug/l   | 99       |
| 16) Acetone                  | 3.788          | 43   | 165171     | 246.81 | ug/l   | 98       |
| 17) Carbon Disulfide         | 4.026          | 76   | 216250     | 44.38  | ug/l   | 98       |
| 18) Methyl Acetate           | 4.293          | 43   | 77342      | 43.94  | ug/l   | 96       |
| 19) Methyl tert-butyl Ether  | 5.004          | 73   | 255190     | 46.36  | ug/l   | 99       |
| 20) Methylene Chloride       | 4.518          | 84   | 83824      | 42.44  | ug/l   | 96       |
| 21) trans-1,2-Dichloroethene | 5.004          | 96   | 80239      | 44.62  | ug/l   | 96       |
| 22) Diisopropyl ether        | 5.910          | 45   | 259976     | 44.50  | ug/l   | 96       |
| 23) Vinyl Acetate            | 5.853          | 43   | 1062335    | 231.83 | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 5.808          | 63   | 148683     | 44.05  | ug/l   | 98       |
| 25) 2-Butanone               | 6.791          | 43   | 242504     | 229.98 | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 6.782          | 77   | 137054     | 51.76  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 6.788          | 96   | 93810      | 45.80  | ug/l   | 94       |
| 28) Bromochloromethane       | 7.155          | 49   | 64474      | 41.44  | ug/l   | 96       |
| 29) Tetrahydrofuran          | 7.171          | 42   | 156896     | 216.13 | ug/l   | 98       |
| 30) Chloroform               | 7.332          | 83   | 152898     | 45.85  | ug/l   | 100      |
| 31) Cyclohexane              | 7.618          | 56   | 137531     | 43.30  | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 7.531          | 97   | 135456     | 48.43  | ug/l   | 100      |
| 36) 1,1-Dichloropropene      | 7.756          | 75   | 116271     | 45.43  | ug/l   | 98       |
| 37) Ethyl Acetate            | 6.885          | 43   | 97661      | 42.26  | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 7.737          | 117  | 110624     | 46.51  | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.045          | 83   | 133445     | 46.40  | ug/l   | 95       |
| 40) Benzene                  | 8.004          | 78   | 352761     | 44.93  | ug/l   | 99       |

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

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 2/23/2021 11:49:02 AM

Quant Time: Feb 22 15:09:40 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 17 15:48:13 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.123  | 41   | 49961    | 44.66  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.087  | 62   | 121279   | 47.00  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.126  | 43   | 180527   | 49.01  | ug/l   | 99       |
| 44) Trichloroethene           | 8.801  | 130  | 94466    | 48.65  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.084  | 63   | 91099    | 45.31  | ug/l   | 99       |
| 46) Dibromomethane            | 9.174  | 93   | 57213    | 46.71  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.370  | 83   | 123175   | 49.39  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.164  | 41   | 85582    | 45.86  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.168  | 88   | 26648    | 838.07 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 9.949  | 43   | 506250   | 225.89 | ug/l   | 99       |
| 52) Toluene                   | 10.122 | 92   | 227421   | 47.16  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.351 | 75   | 148775   | 48.30  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.807  | 75   | 158293   | 51.19  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.531 | 97   | 85781    | 47.53  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.396 | 69   | 132574   | 48.86  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.675 | 76   | 146827   | 46.15  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.659  | 63   | 282131   | 217.78 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.720 | 43   | 366138   | 229.36 | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.872 | 129  | 91191    | 49.44  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 10.975 | 107  | 89023    | 48.56  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.602 | 164  | 94845    | 50.95  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.402 | 112  | 238266   | 47.25  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.479 | 131  | 85390    | 49.30  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.483 | 91   | 433537   | 47.50  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.592 | 106  | 329401   | 96.72  | ug/l   | 95       |
| 69) o-Xylene                  | 11.920 | 106  | 159013   | 48.43  | ug/l   | 96       |
| 70) Styrene                   | 11.936 | 104  | 270337   | 50.01  | ug/l   | 97       |
| 71) Bromoform                 | 12.100 | 173  | 59728    | 45.47  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.219 | 105  | 420277   | 44.02  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.042 | 43   | 151767   | 45.82  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.476 | 83   | 118361   | 42.02  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.524 | 75   | 118881m  | 42.30  | ug/l   |          |
| 77) Bromobenzene              | 12.495 | 156  | 97473    | 44.62  | ug/l   | 85       |
| 78) n-propylbenzene           | 12.563 | 91   | 487667   | 44.91  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.646 | 91   | 292011   | 42.91  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.704 | 105  | 364492   | 44.94  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.273 | 75   | 43052    | 48.82  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.743 | 91   | 315716   | 45.94  | ug/l   | 95       |
| 83) tert-Butylbenzene         | 12.965 | 119  | 292944   | 43.71  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.010 | 105  | 366592   | 45.02  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.142 | 105  | 392888   | 45.16  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.261 | 119  | 365332   | 46.25  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.254 | 146  | 179985   | 46.55  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.335 | 146  | 183541   | 46.47  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.585 | 91   | 331116   | 49.72  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.846 | 117  | 48621    | 36.36  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.624 | 146  | 176665   | 45.57  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.241 | 75   | 26799    | 48.30  | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 14.878 | 180  | 115076   | 54.76  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.978 | 225  | 43552    | 48.40  | ug/l   | 99       |
| 95) Naphthalene               | 15.100 | 128  | 370543   | 54.33  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.280 | 180  | 113746   | 54.25  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022221\  
Data File : VN065949.D  
Acq On : 22 Feb 2021 10:30  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

MMDadoda  
2/23/2021 11:49:02 AM

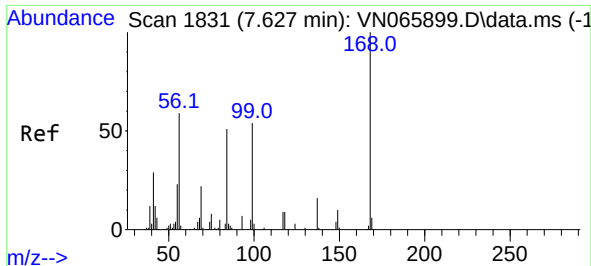
Quant Time: Feb 22 15:09:40 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021721W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 17 15:48:13 2021  
Response via : Initial Calibration

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

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





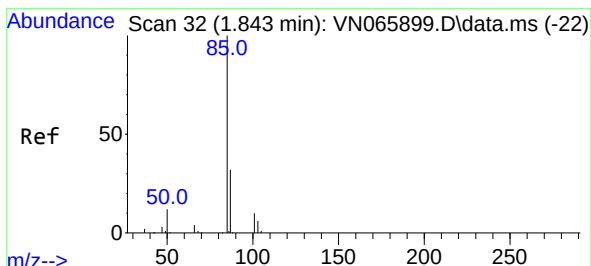
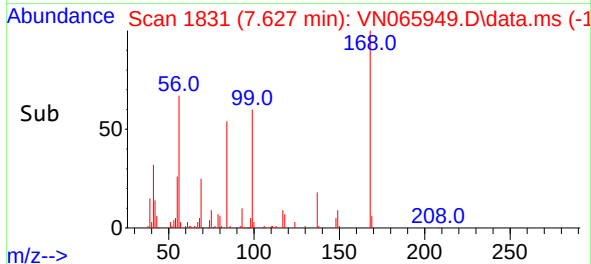
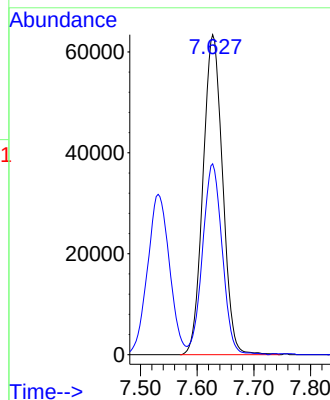
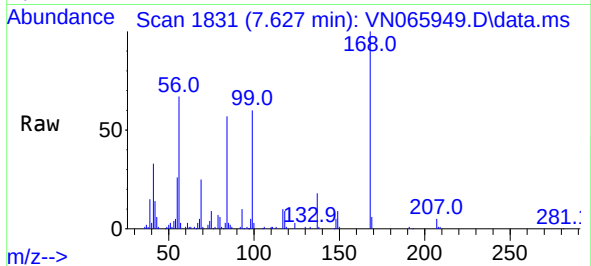
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.627 min Scan# 1831  
Delta R.T. 0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 168 Resp: 152328  
Ion Ratio Lower Upper  
168 100  
99 59.4 42.6 63.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

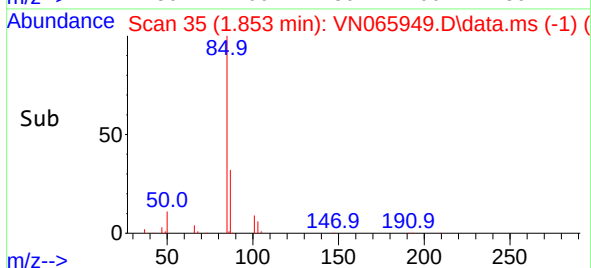
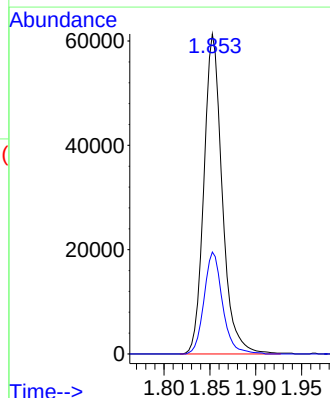
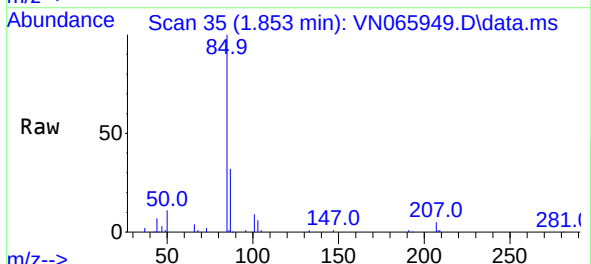
Manual Integrations  
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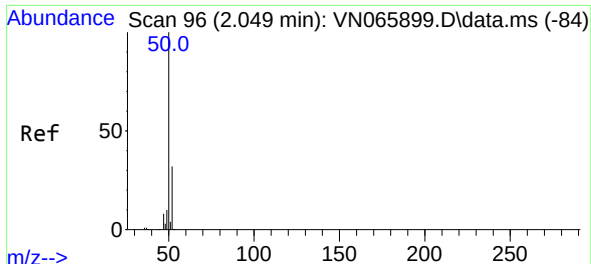
MMDadoda  
2/23/2021 11:49:02 AM



#2  
Dichlorodifluoromethane  
Concen: 42.83 ug/l  
RT: 1.853 min Scan# 35  
Delta R.T. 0.010 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

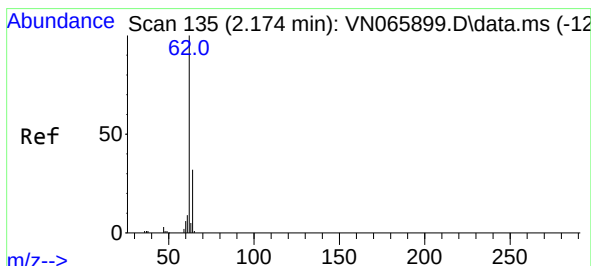
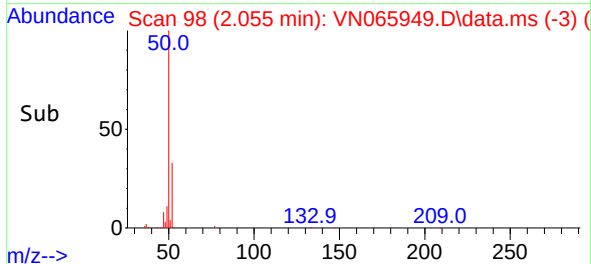
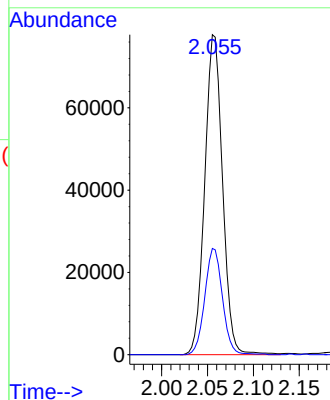
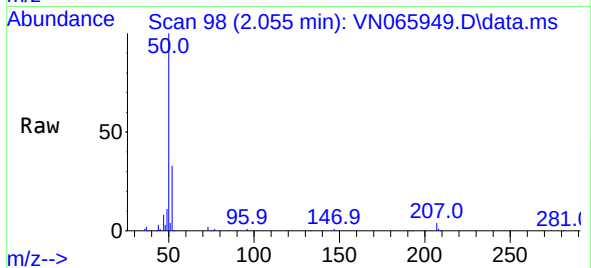
Tgt Ion: 85 Resp: 85405  
Ion Ratio Lower Upper  
85 100  
87 31.8 16.6 49.8





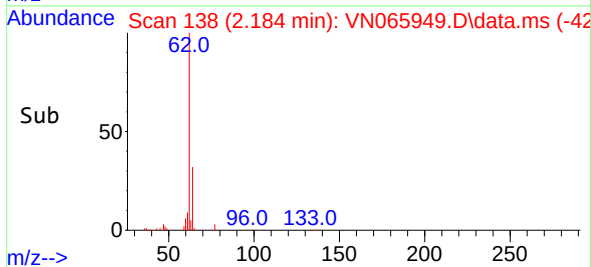
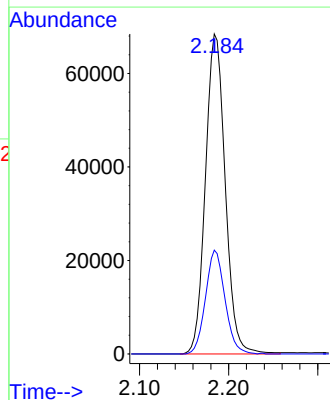
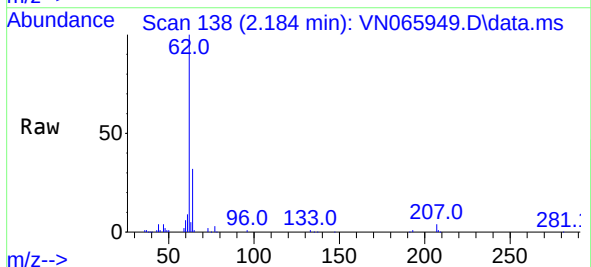
#3  
Chloromethane  
Concen: 42.02 ug/l  
RT: 2.055 min Scan# 98  
Delta R.T. 0.006 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 50 Resp: 104992  
Ion Ratio Lower Upper  
50 100  
52 33.2 25.8 38.8



#4  
Vinyl Chloride  
Concen: 42.83 ug/l  
RT: 2.184 min Scan# 138  
Delta R.T. 0.010 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

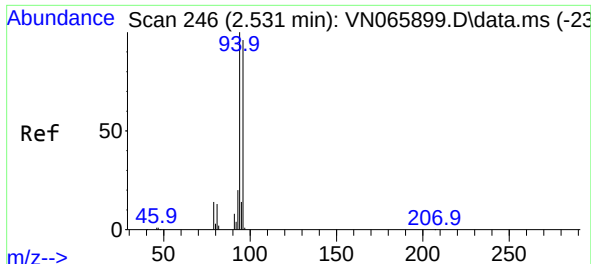
Tgt Ion: 62 Resp: 105429  
Ion Ratio Lower Upper  
62 100  
64 32.5 25.1 37.7



Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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MMDadoda  
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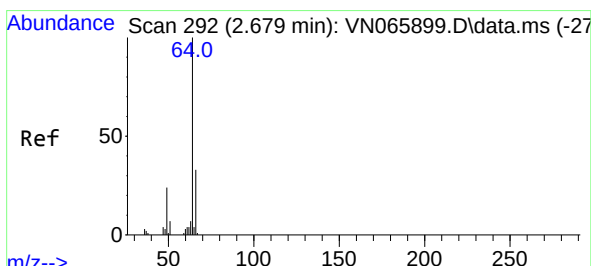
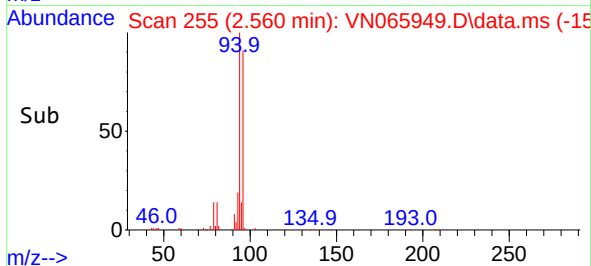
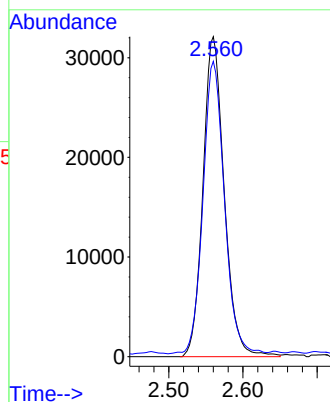
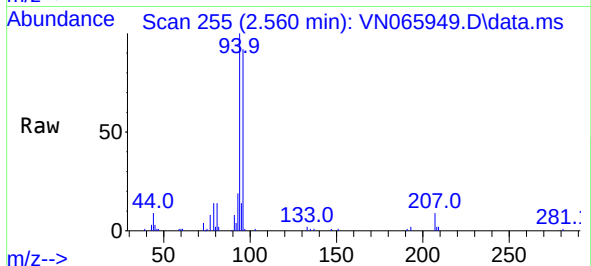
#5  
Bromomethane  
Concen: 42.32 ug/l  
RT: 2.560 min Scan# 255  
Delta R.T. 0.029 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 94 Resp: 63822  
Ion Ratio Lower Upper  
94 100  
96 90.9 73.0 109.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

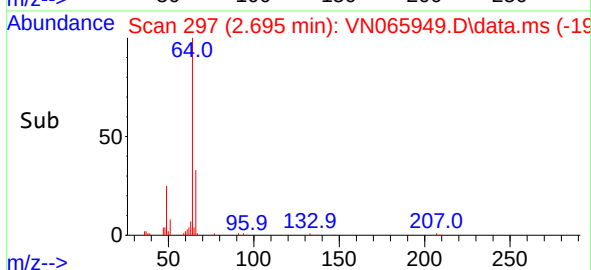
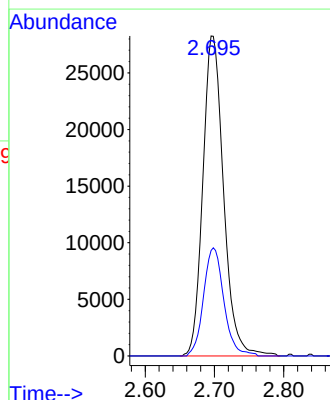
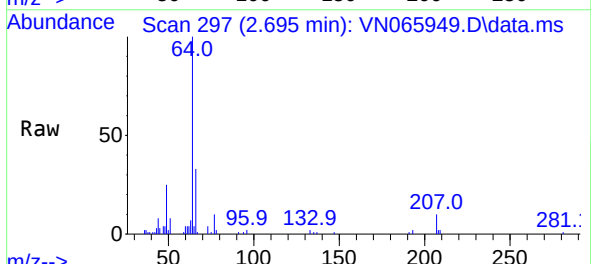
Manual Integrations  
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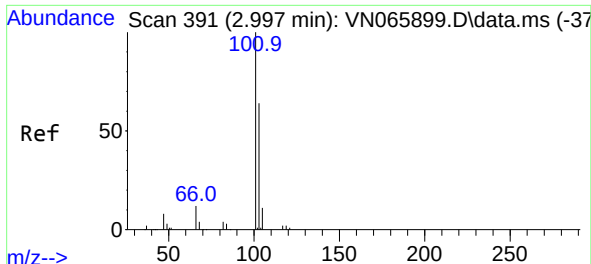
MMDadoda  
2/23/2021 11:49:02 AM



#6  
Chloroethane  
Concen: 42.20 ug/l  
RT: 2.695 min Scan# 297  
Delta R.T. 0.016 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

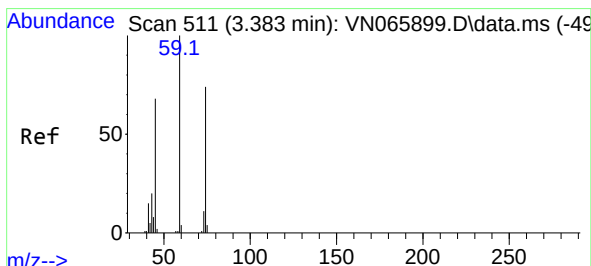
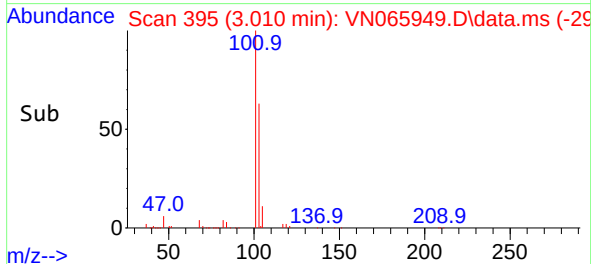
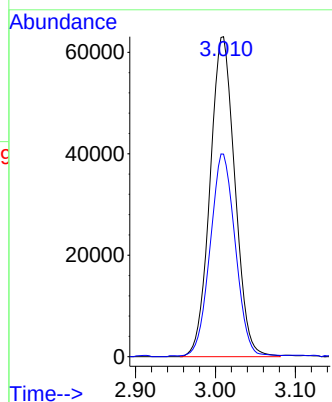
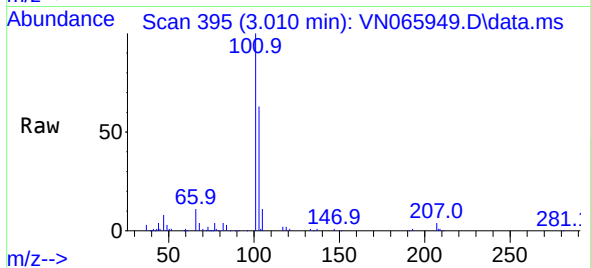
Tgt Ion: 64 Resp: 58606  
Ion Ratio Lower Upper  
64 100  
66 32.9 25.4 38.2





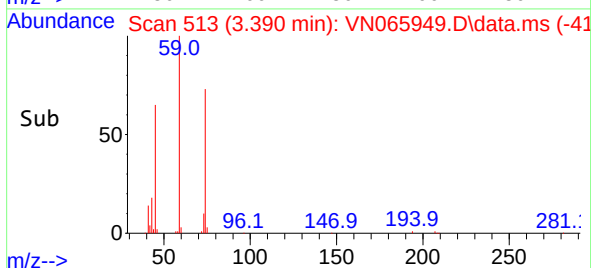
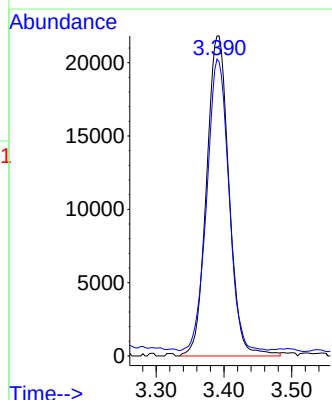
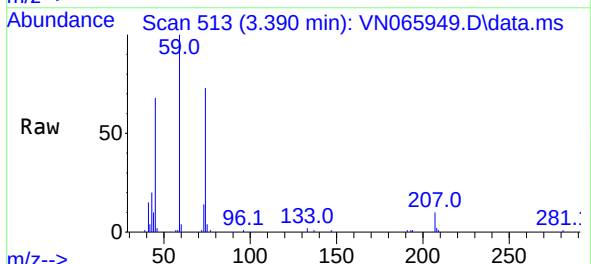
#7  
Trichlorofluoromethane  
Concen: 44.42 ug/l  
RT: 3.010 min Scan# 395  
Delta R.T. 0.013 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion:101 Resp: 136157  
Ion Ratio Lower Upper  
101 100  
103 63.0 52.1 78.1



#8  
Diethyl Ether  
Concen: 44.58 ug/l  
RT: 3.390 min Scan# 513  
Delta R.T. 0.007 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 74 Resp: 50140  
Ion Ratio Lower Upper  
74 100  
45 89.0 46.4 139.1

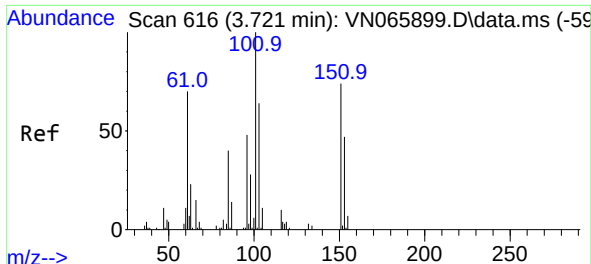


Instrument :  
MSVOA\_N  
ClientSampleId :  
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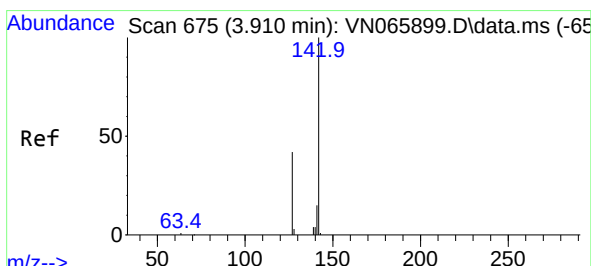
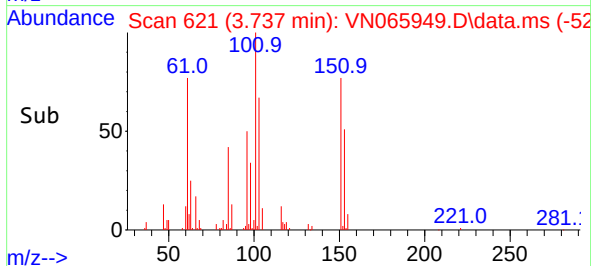
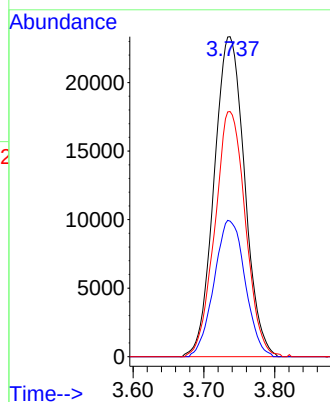
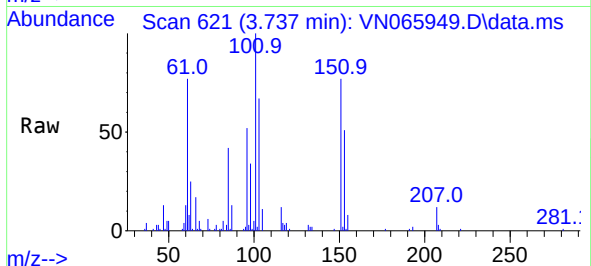
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 43.05 ug/l  
RT: 3.737 min Scan# 621  
Delta R.T. 0.016 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion:101 Resp: 69804  
Ion Ratio Lower Upper  
101 100  
85 43.3 34.6 51.8  
151 76.8 63.5 95.3

Instrument :  
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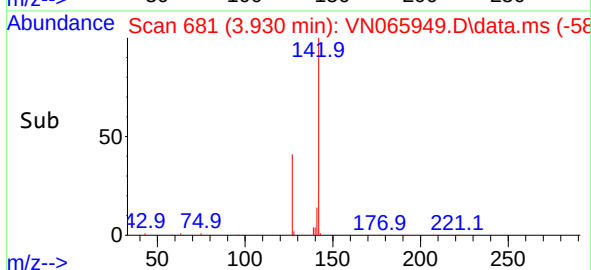
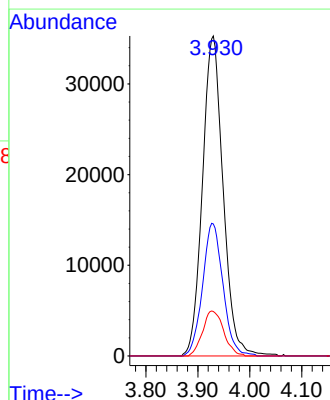
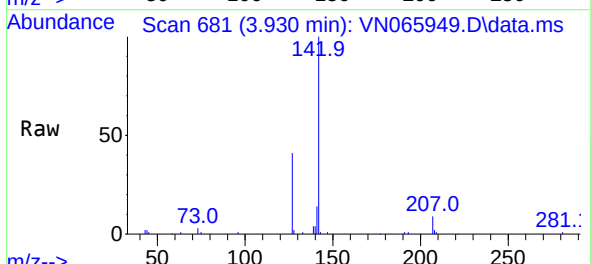
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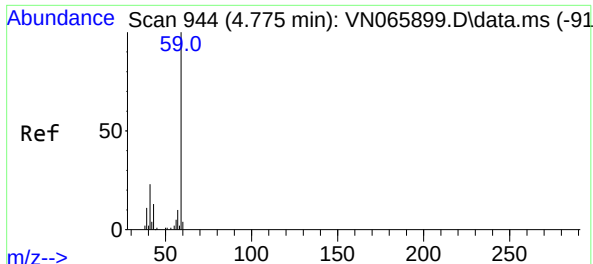
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#10  
Methyl Iodide  
Concen: 38.49 ug/l  
RT: 3.930 min Scan# 681  
Delta R.T. 0.020 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion:142 Resp: 97464  
Ion Ratio Lower Upper  
142 100  
127 41.1 31.7 47.5  
141 14.4 10.9 16.3





#11

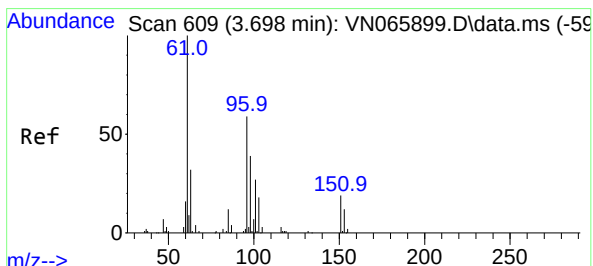
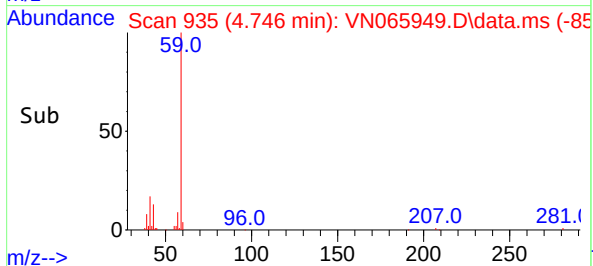
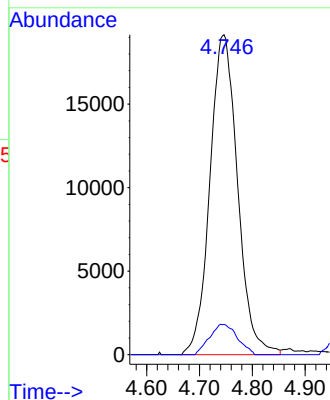
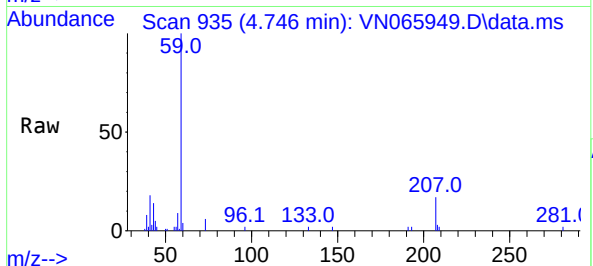
Tert butyl alcohol  
Concen: 235.22 ug/l  
RT: 4.746 min Scan# 935  
Delta R.T. -0.029 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 59 Resp: 69670  
Ion Ratio Lower Upper  
59 100  
57 9.5 8.0 12.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
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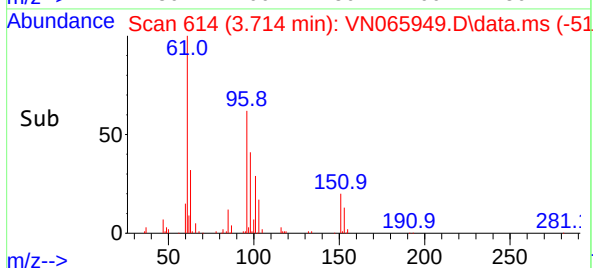
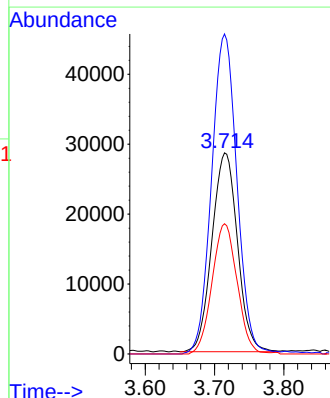
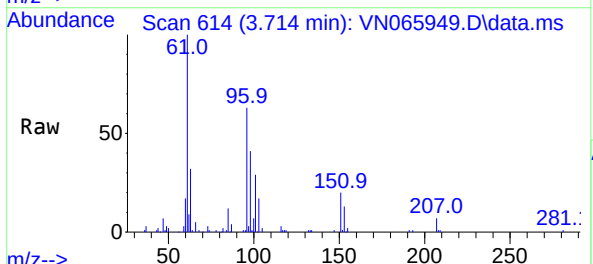
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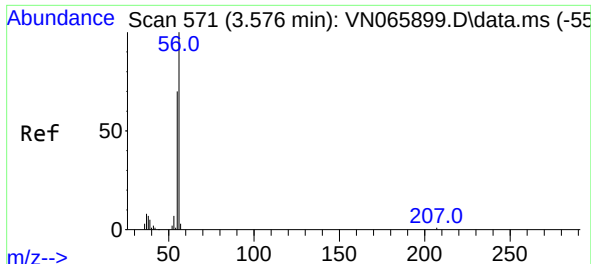


#12

1,1-Dichloroethene  
Concen: 42.73 ug/l  
RT: 3.714 min Scan# 614  
Delta R.T. 0.016 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 96 Resp: 73108  
Ion Ratio Lower Upper  
96 100  
61 160.9 122.5 183.7  
98 65.5 50.8 76.2





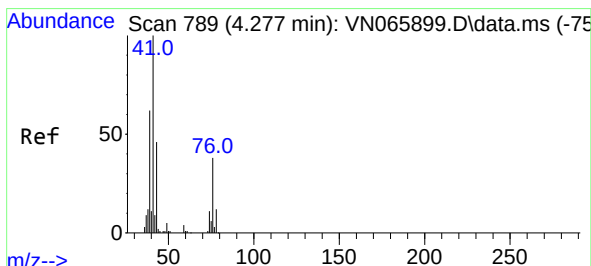
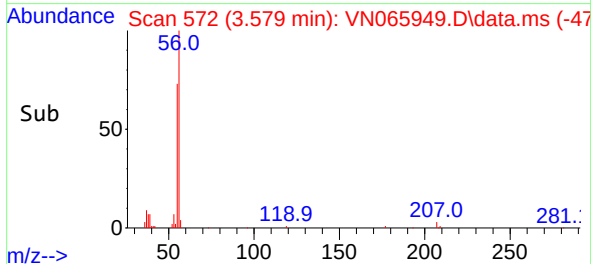
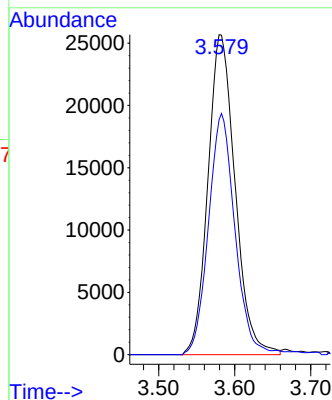
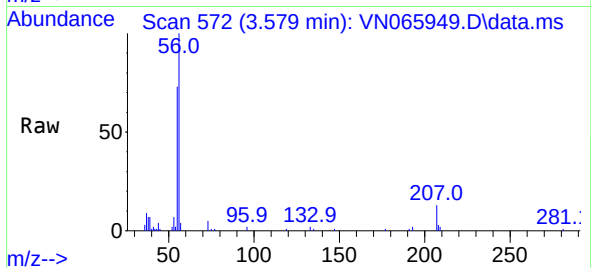
#13  
Acrolein  
Concen: 235.01 ug/l  
RT: 3.579 min Scan# 572  
Delta R.T. 0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 56 Resp: 63701  
Ion Ratio Lower Upper  
56 100  
55 73.0 56.0 84.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
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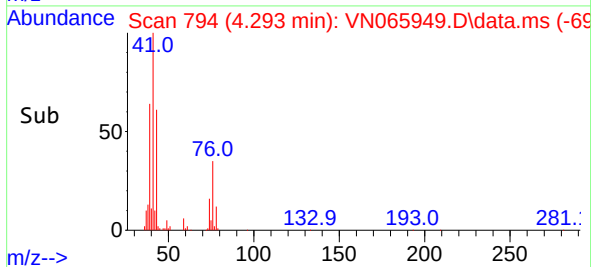
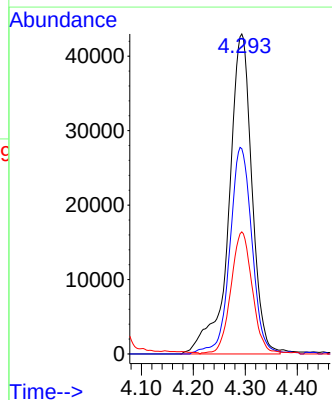
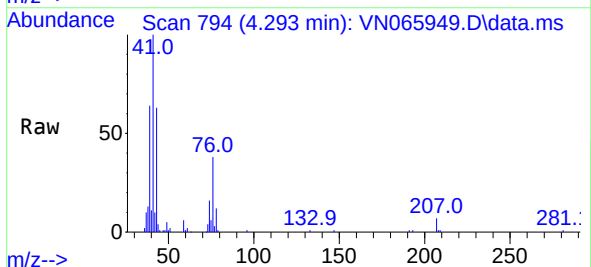
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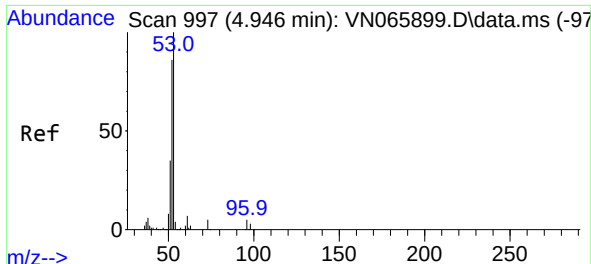
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#14  
Allyl chloride  
Concen: 45.44 ug/l  
RT: 4.293 min Scan# 794  
Delta R.T. 0.016 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 41 Resp: 132727  
Ion Ratio Lower Upper  
41 100  
39 61.9 53.0 79.4  
76 35.6 28.9 43.3





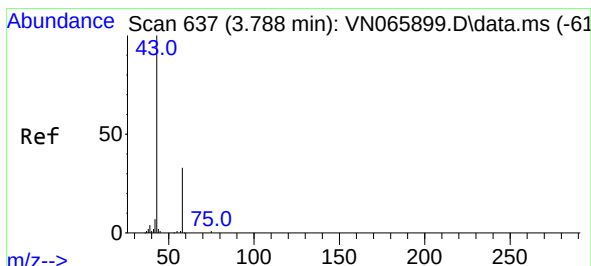
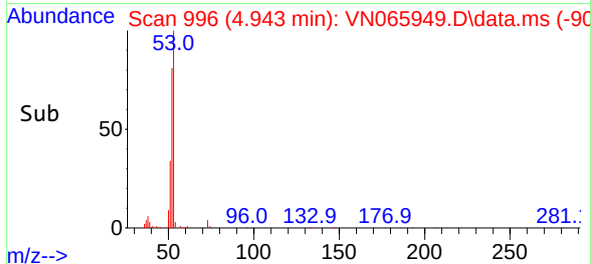
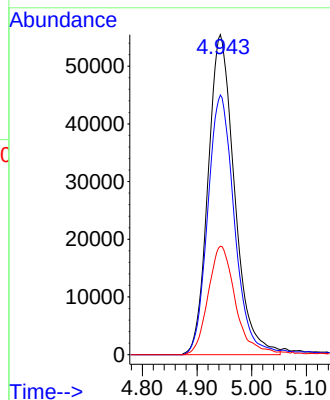
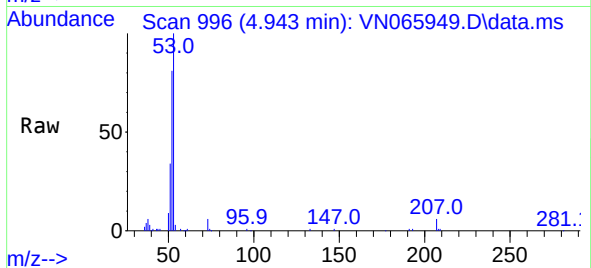
#15  
Acrylonitrile  
Concen: 226.66 ug/l  
RT: 4.943 min Scan# 996  
Delta R.T. -0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 53 Resp: 186167  
Ion Ratio Lower Upper  
53 100  
52 81.5 66.1 99.1  
51 35.0 27.9 41.9

Instrument :  
MSVOA\_N  
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VSTDCCC050

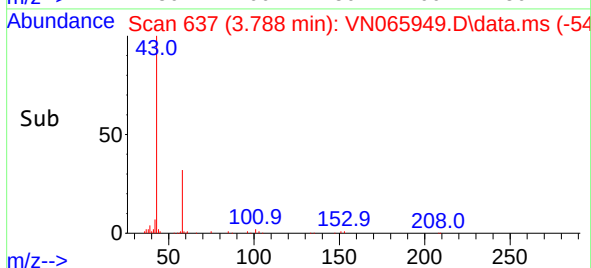
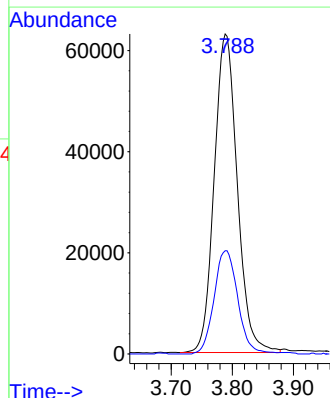
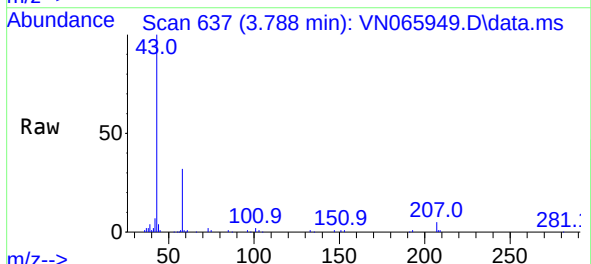
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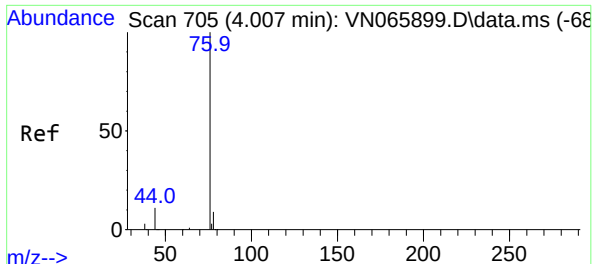
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#16  
Acetone  
Concen: 246.81 ug/l  
RT: 3.788 min Scan# 637  
Delta R.T. 0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 43 Resp: 165171  
Ion Ratio Lower Upper  
43 100  
58 32.4 27.0 40.6





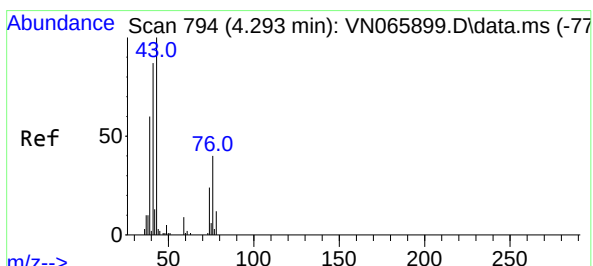
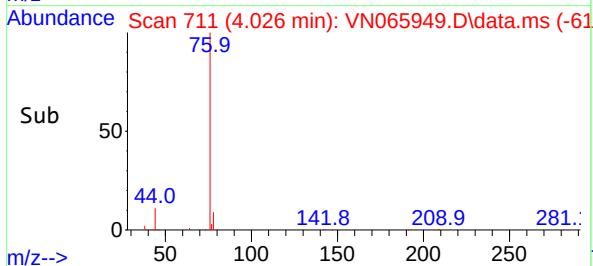
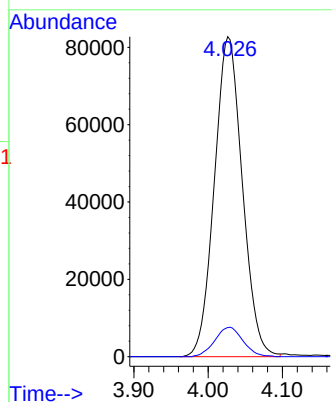
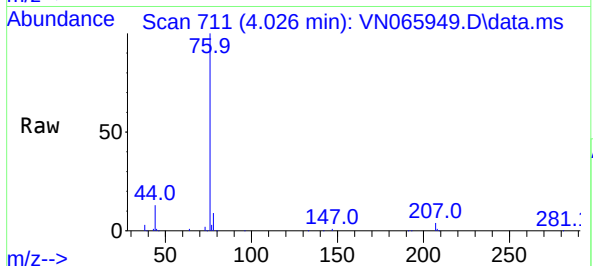
#17  
Carbon Disulfide  
Concen: 44.38 ug/l  
RT: 4.026 min Scan# 711  
Delta R.T. 0.019 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 76 Resp: 216250  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.8 11.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
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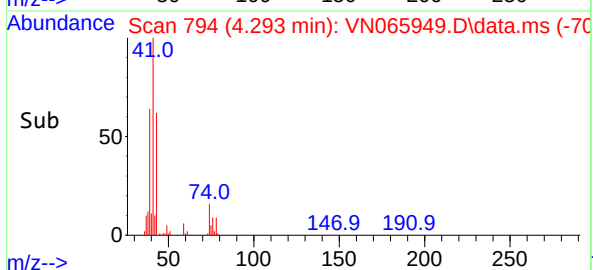
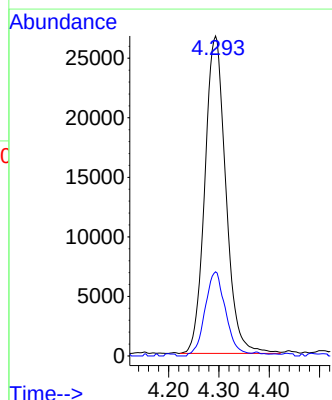
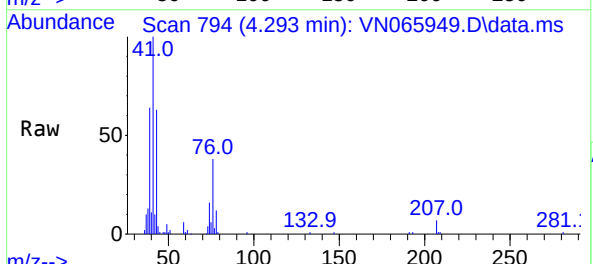
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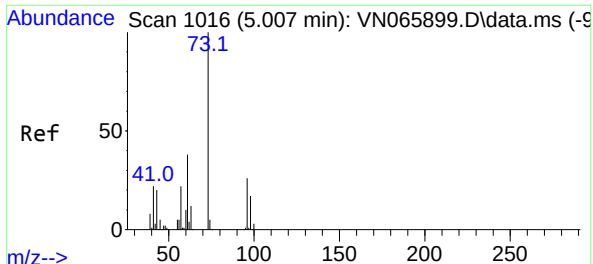
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#18  
Methyl Acetate  
Concen: 43.94 ug/l  
RT: 4.293 min Scan# 794  
Delta R.T. 0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 43 Resp: 77342  
Ion Ratio Lower Upper  
43 100  
74 26.1 19.5 29.3





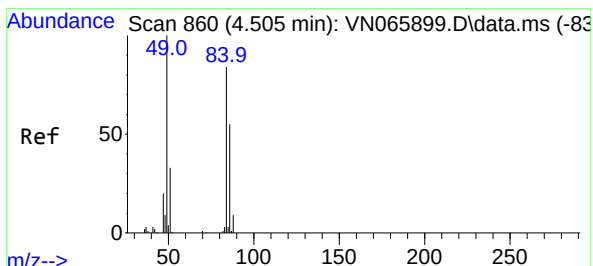
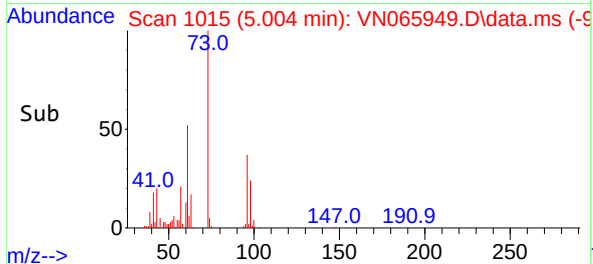
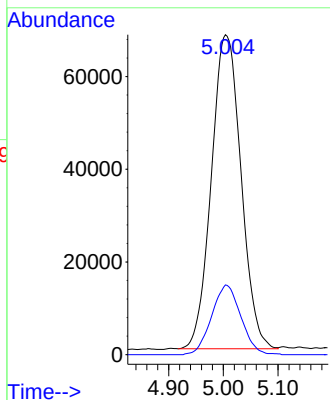
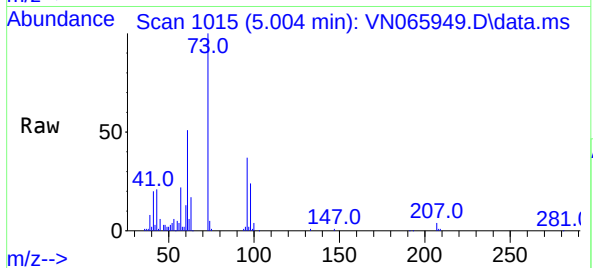
#19  
Methyl tert-butyl Ether  
Concen: 46.36 ug/l  
RT: 5.004 min Scan# 1015  
Delta R.T. -0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 73 Resp: 255190  
Ion Ratio Lower Upper  
73 100  
57 22.2 17.3 25.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
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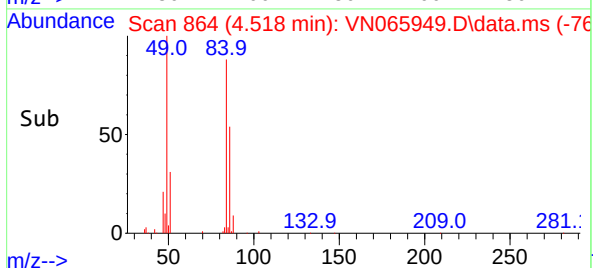
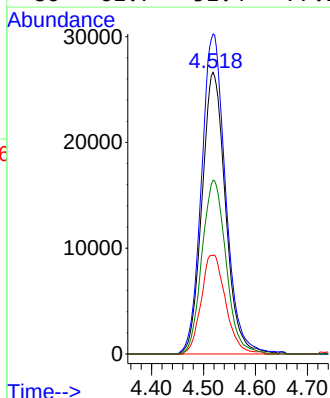
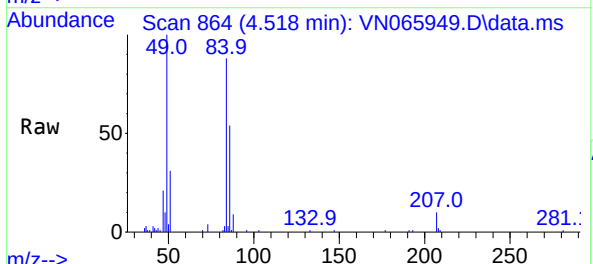
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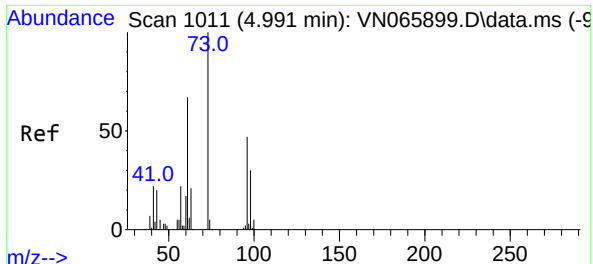
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#20  
Methylene Chloride  
Concen: 42.44 ug/l  
RT: 4.518 min Scan# 864  
Delta R.T. 0.013 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 84 Resp: 83824  
Ion Ratio Lower Upper  
84 100  
49 113.6 94.6 141.8  
51 35.0 29.9 44.9  
86 61.7 51.4 77.2





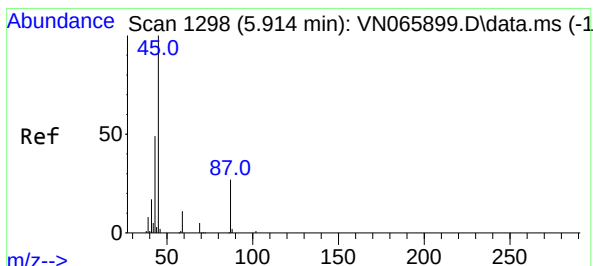
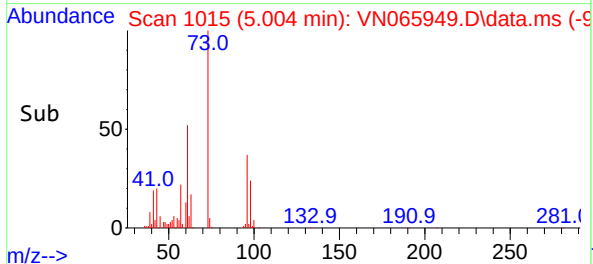
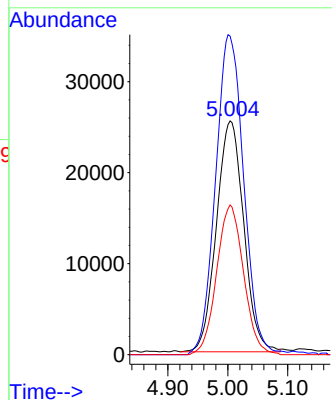
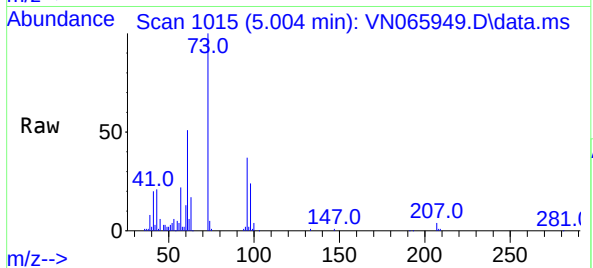
#21  
trans-1,2-Dichloroethene  
Concen: 44.62 ug/l  
RT: 5.004 min Scan# 1015  
Delta R.T. 0.013 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 96 Resp: 80239  
Ion Ratio Lower Upper  
96 100  
61 138.0 104.9 157.3  
98 64.9 51.8 77.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

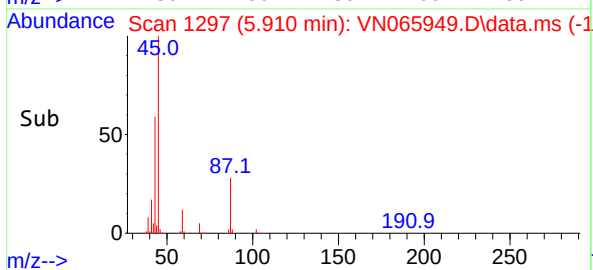
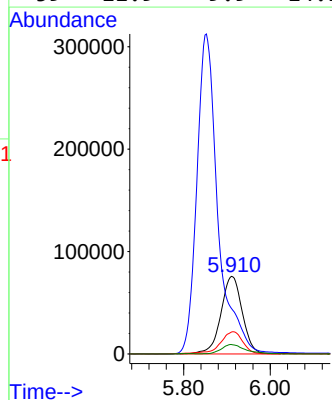
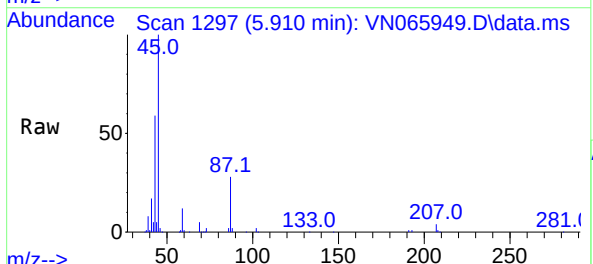
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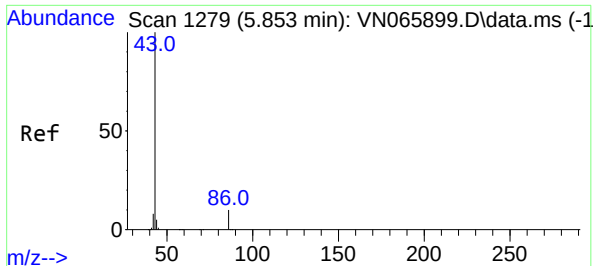
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#22  
Diisopropyl ether  
Concen: 44.50 ug/l  
RT: 5.910 min Scan# 1297  
Delta R.T. -0.004 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 45 Resp: 259976  
Ion Ratio Lower Upper  
45 100  
43 56.9 48.9 73.3  
87 28.0 23.7 35.5  
59 11.9 9.9 14.9





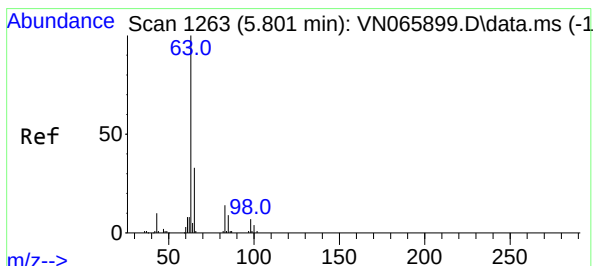
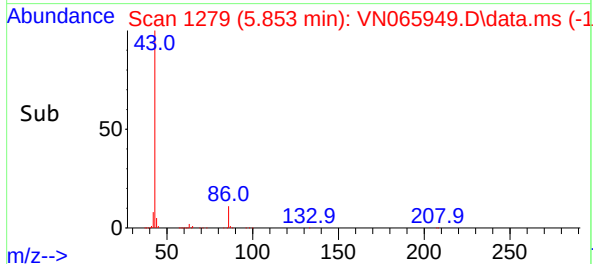
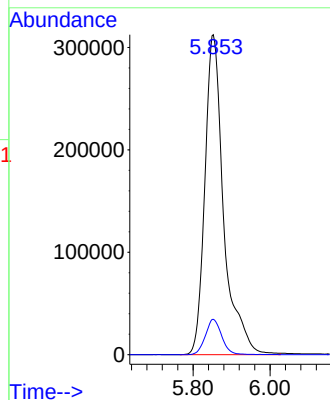
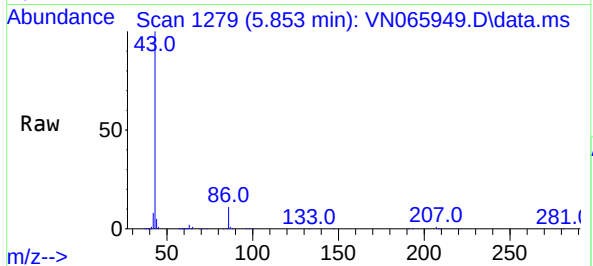
#23  
 Vinyl Acetate  
 Concen: 231.83 ug/l  
 RT: 5.853 min Scan# 1279  
 Delta R.T. -0.000 min  
 Lab File: VN065949.D  
 Acq: 22 Feb 2021 10:30

Tgt Ion: 43 Resp: 1062335  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 8.6 13.0

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

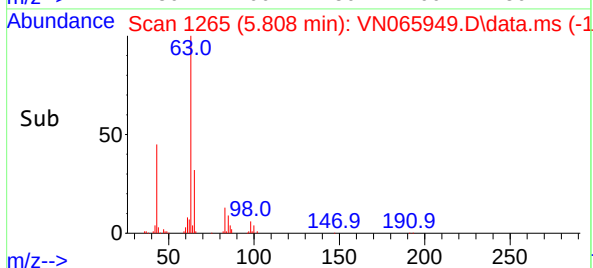
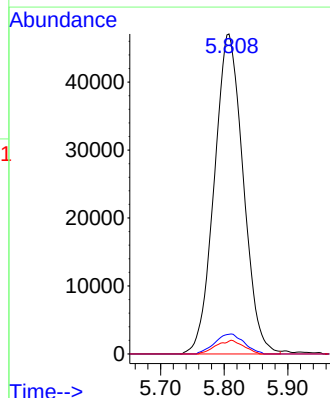
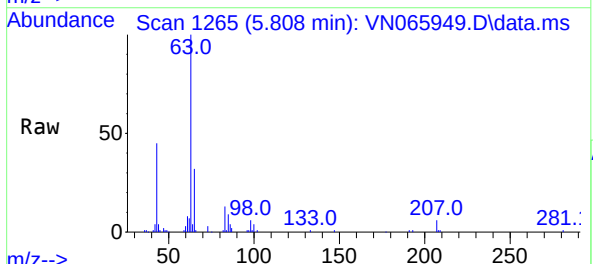
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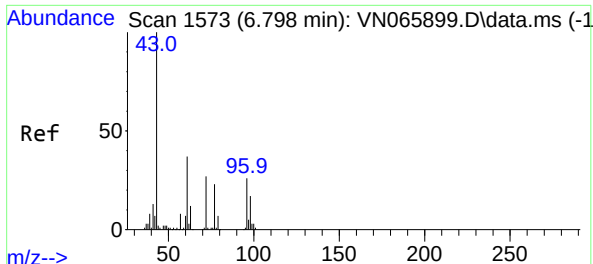


#24  
 1,1-Dichloroethane  
 Concen: 44.05 ug/l  
 RT: 5.808 min Scan# 1265  
 Delta R.T. 0.006 min  
 Lab File: VN065949.D  
 Acq: 22 Feb 2021 10:30

Tgt Ion: 63 Resp: 148683  
 Ion Ratio Lower Upper  
 63 100  
 98 6.1 3.5 10.4  
 100 4.0 2.3 6.9







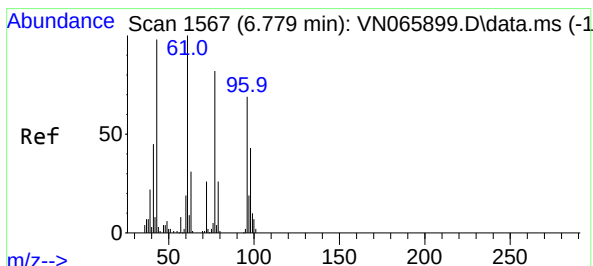
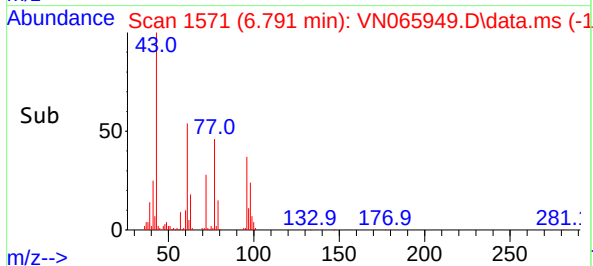
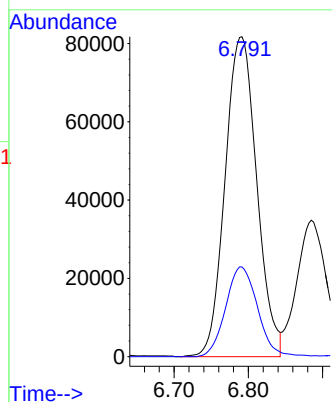
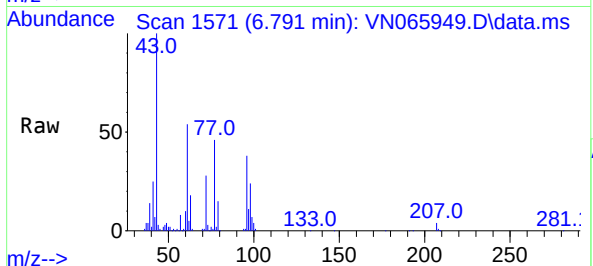
#25  
2-Butanone  
Concen: 229.98 ug/l  
RT: 6.791 min Scan# 1571  
Delta R.T. -0.007 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 43 Resp: 242504  
Ion Ratio Lower Upper  
43 100  
72 28.1 23.1 34.7

Instrument :  
MSVOA\_N  
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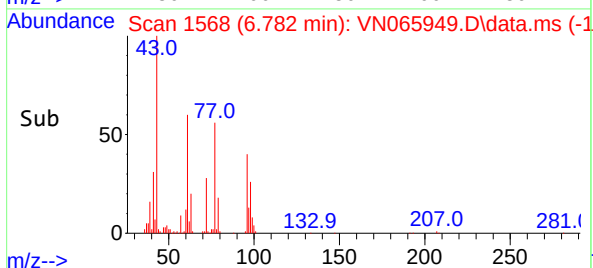
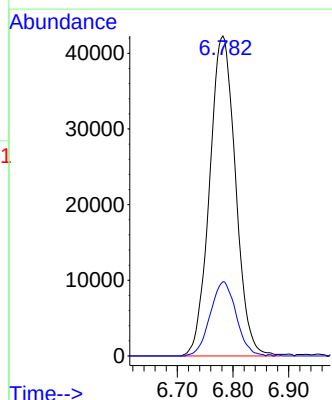
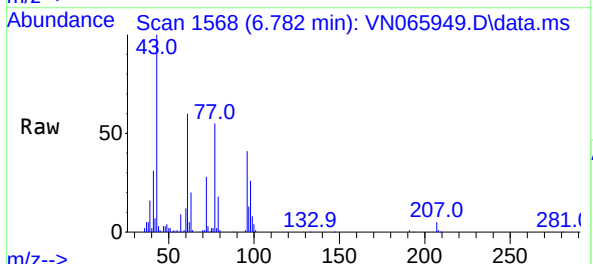
Manual Integrations  
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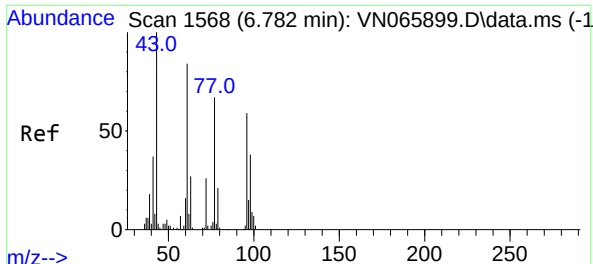
MMDadoda  
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#26  
2,2-Dichloropropane  
Concen: 51.76 ug/l  
RT: 6.782 min Scan# 1568  
Delta R.T. 0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 77 Resp: 137054  
Ion Ratio Lower Upper  
77 100  
97 23.3 11.9 35.9





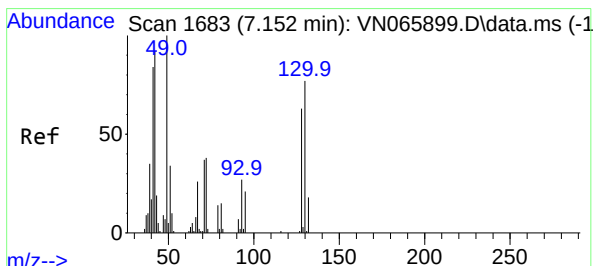
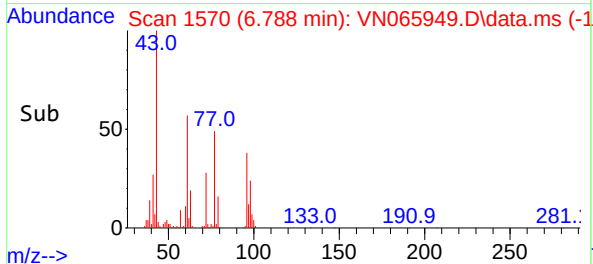
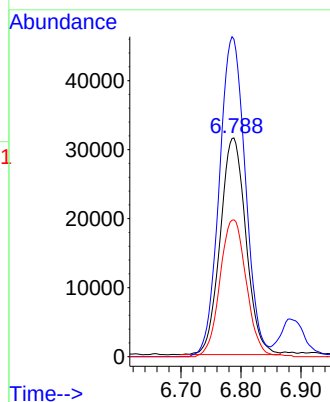
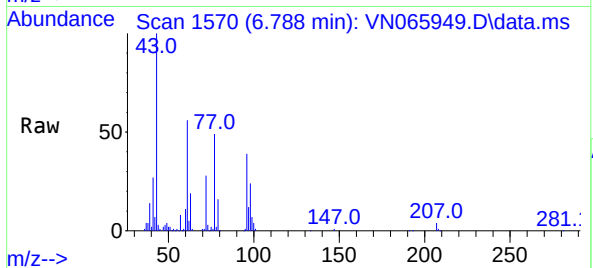
#27  
cis-1,2-Dichloroethene  
Concen: 45.80 ug/l  
RT: 6.788 min Scan# 1570  
Delta R.T. 0.006 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 93810 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 149.6 | 0.0   | 276.8 |
| 98       | 64.3  | 0.0   | 129.4 |

Instrument :  
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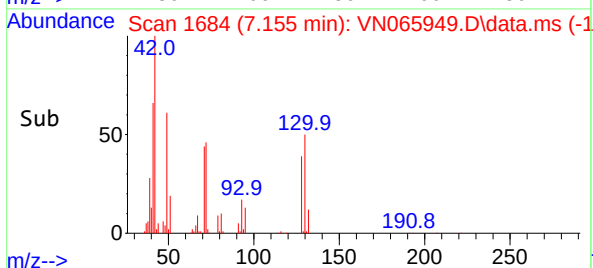
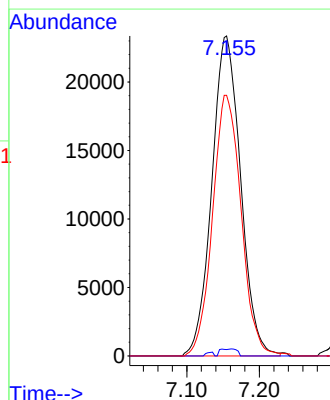
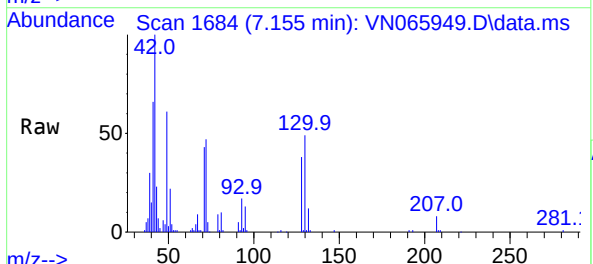
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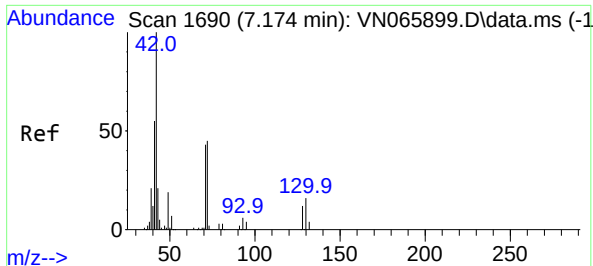
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#28  
Bromochloromethane  
Concen: 41.44 ug/l  
RT: 7.155 min Scan# 1684  
Delta R.T. 0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 64474 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.6   | 0.0   | 3.6   |
| 130      | 80.8  | 67.8  | 101.6 |





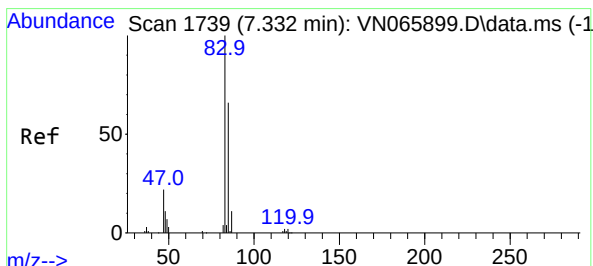
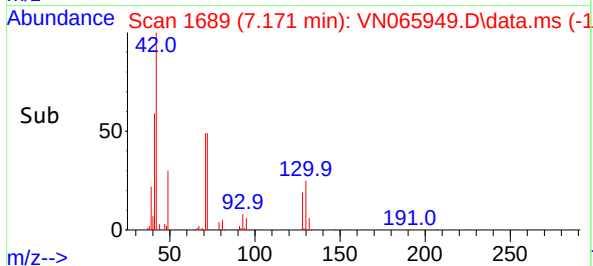
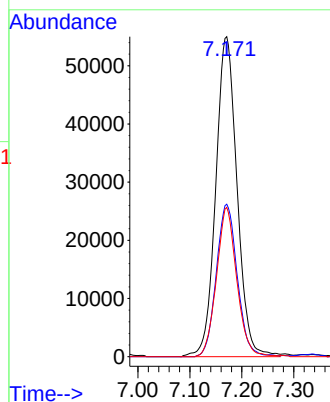
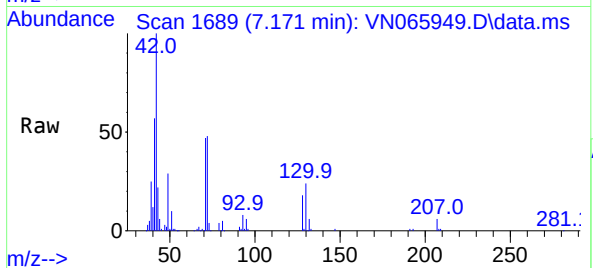
#29  
Tetrahydrofuran  
Concen: 216.13 ug/l  
RT: 7.171 min Scan# 1689  
Delta R.T. -0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 156896 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 46.6  | 36.6  | 55.0   |
| 71       | 44.2  | 34.3  | 51.5   |

Instrument :  
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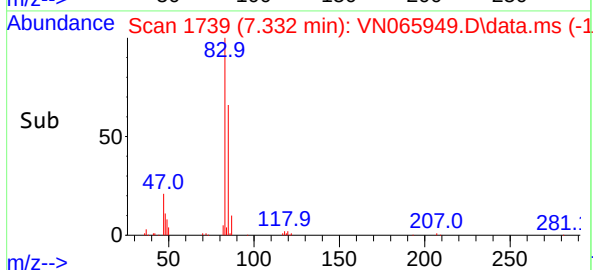
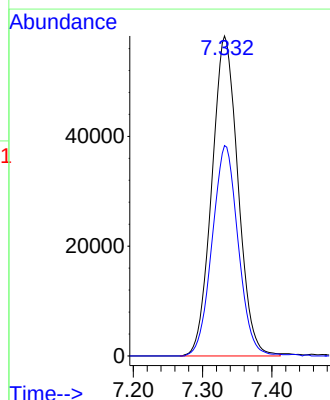
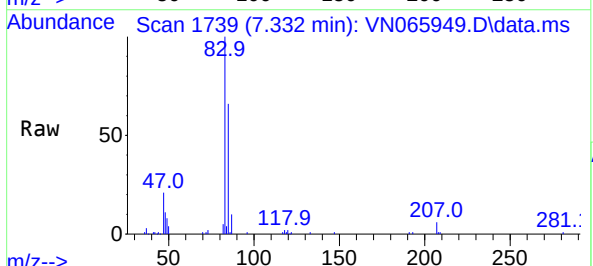
Manual Integrations  
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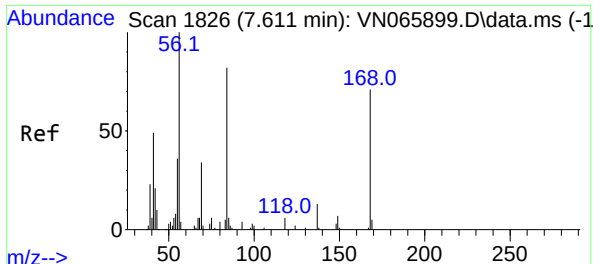
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#30  
Chloroform  
Concen: 45.85 ug/l  
RT: 7.332 min Scan# 1739  
Delta R.T. -0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 152898 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.8  | 52.6  | 78.8   |





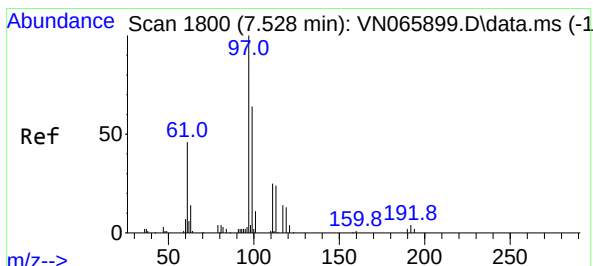
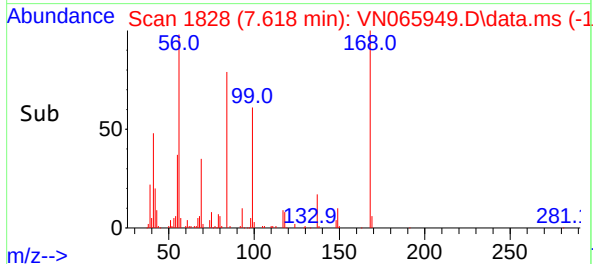
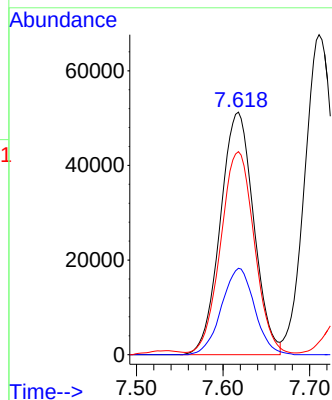
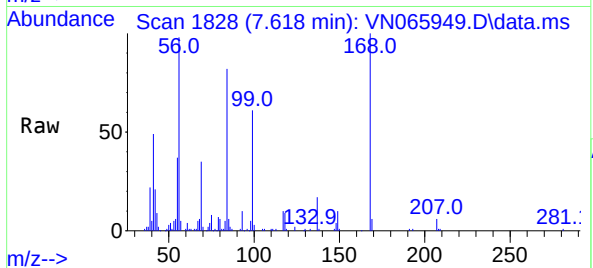
#31  
Cyclohexane  
Concen: 43.30 ug/l  
RT: 7.618 min Scan# 1828  
Delta R.T. 0.007 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 56 Resp: 137531  
Ion Ratio Lower Upper  
56 100  
69 35.6 26.6 39.8  
84 82.6 70.4 105.6

Instrument :  
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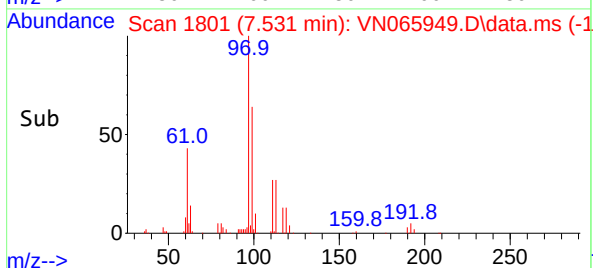
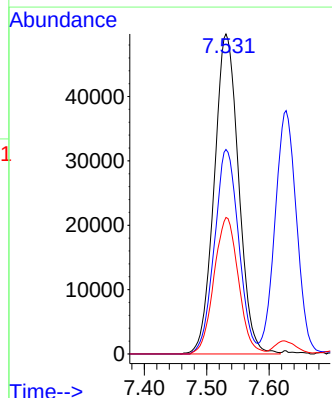
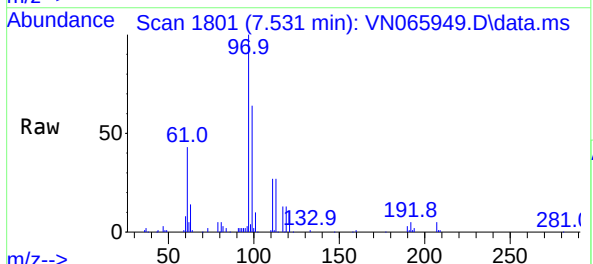
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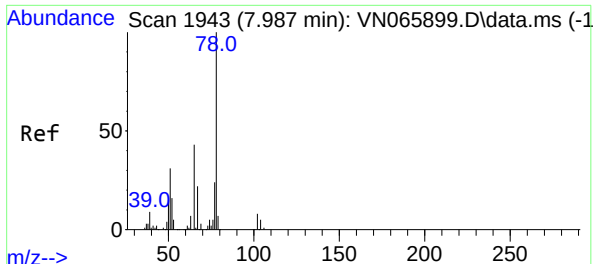
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#32  
1,1,1-Trichloroethane  
Concen: 48.43 ug/l  
RT: 7.531 min Scan# 1801  
Delta R.T. 0.003 min  
Lab File: VN065949.D  
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Tgt Ion: 97 Resp: 135456  
Ion Ratio Lower Upper  
97 100  
99 63.4 50.8 76.2  
61 42.7 34.3 51.5





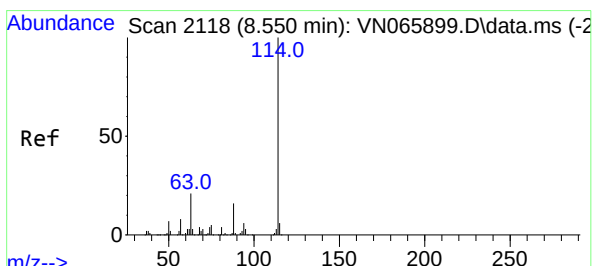
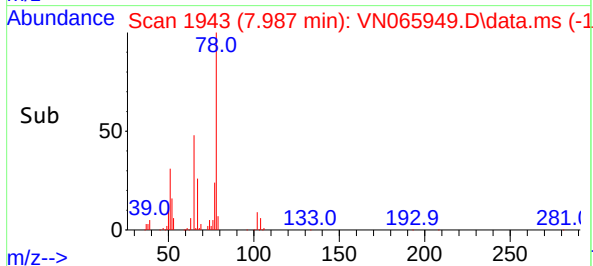
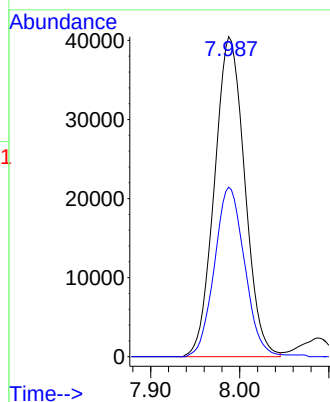
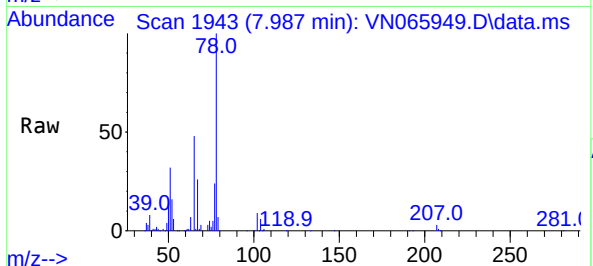
#33  
1,2-Dichloroethane-d4  
Concen: 44.79 ug/l  
RT: 7.987 min Scan# 1943  
Delta R.T. 0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 65 Resp: 95408  
Ion Ratio Lower Upper  
65 100  
67 53.1 0.0 107.2

Instrument :  
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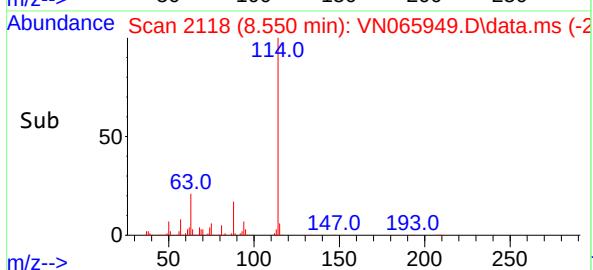
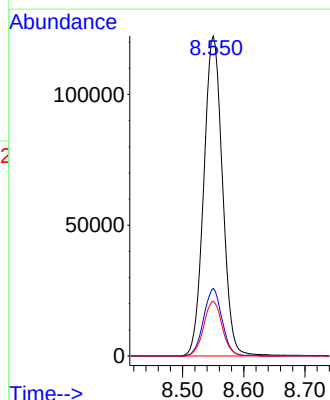
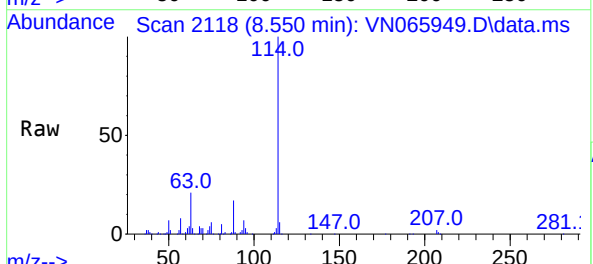
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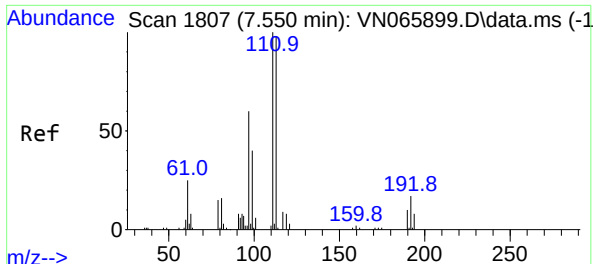
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#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.550 min Scan# 2118  
Delta R.T. 0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 114 Resp: 259546  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 38.6  
88 17.1 0.0 30.6





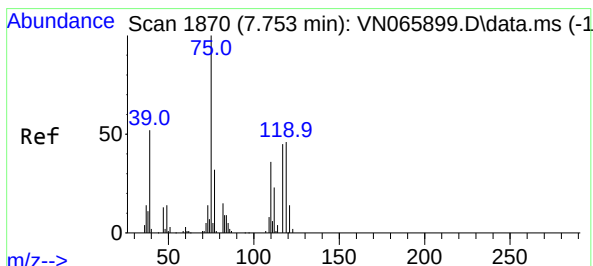
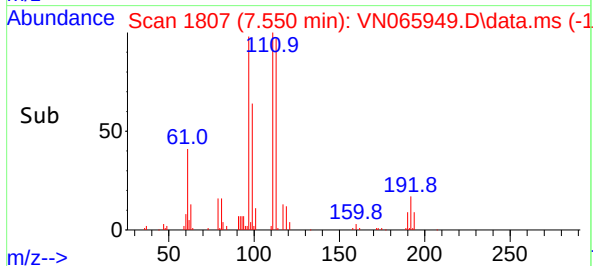
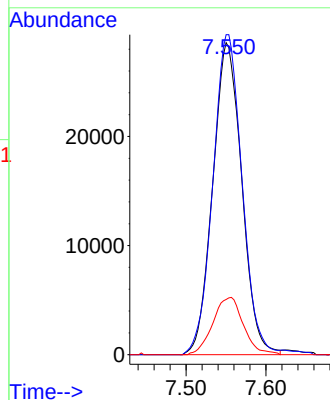
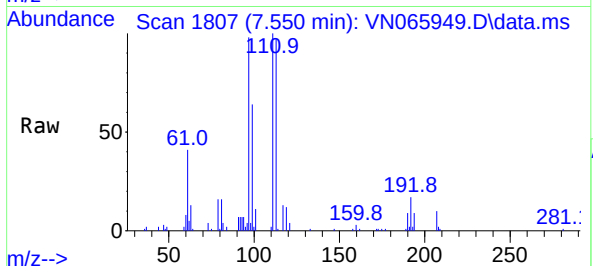
#35  
Dibromofluoromethane  
Concen: 44.83 ug/l  
RT: 7.550 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 72010 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.8 | 82.2  | 123.2 |
| 192      | 19.4  | 15.4  | 23.0  |

Instrument :  
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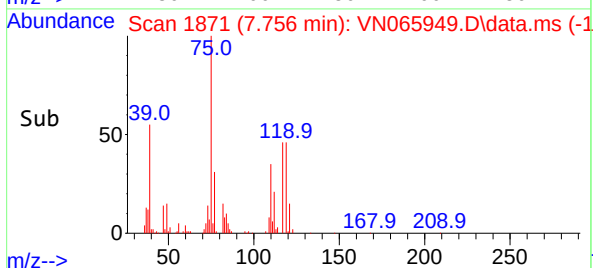
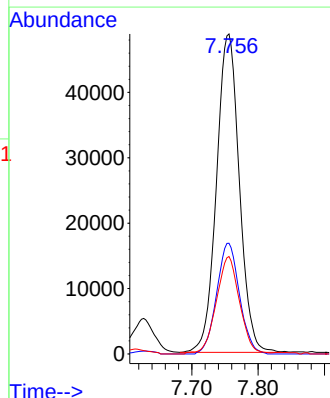
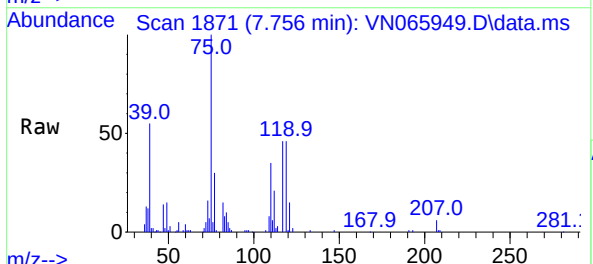
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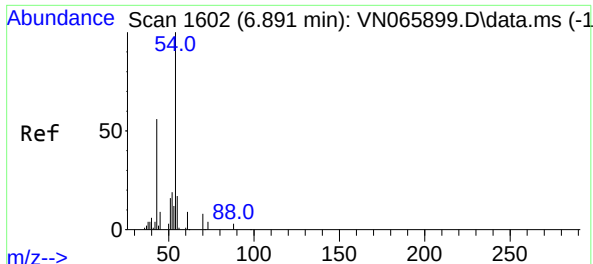
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#36  
1,1-Dichloropropene  
Concen: 45.43 ug/l  
RT: 7.756 min Scan# 1871  
Delta R.T. 0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 116271 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 34.8  | 18.2  | 54.6   |
| 77       | 31.2  | 24.9  | 37.3   |





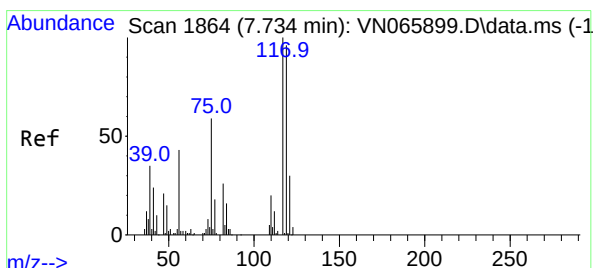
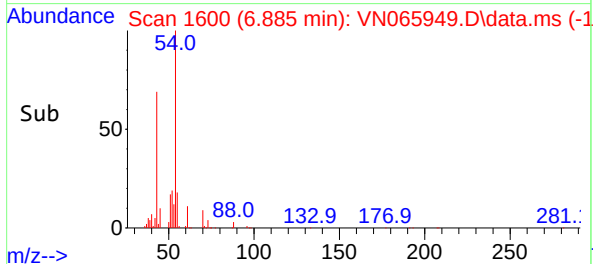
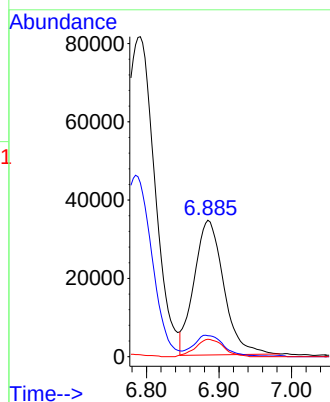
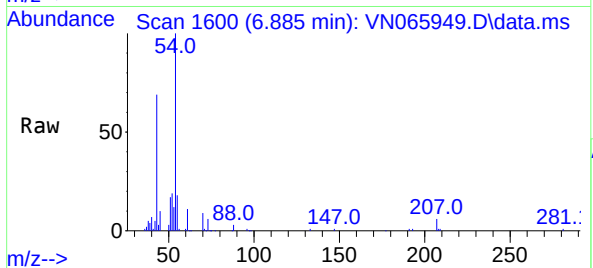
#37  
Ethyl Acetate  
Concen: 42.26 ug/l  
RT: 6.885 min Scan# 1600  
Delta R.T. -0.006 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 97661 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 15.5  | 11.6  | 17.4  |
| 70       | 12.3  | 8.6   | 13.0  |

Instrument :  
MSVOA\_N  
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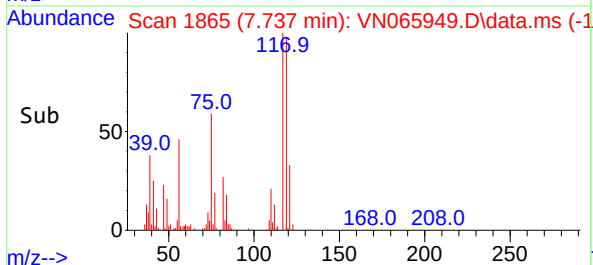
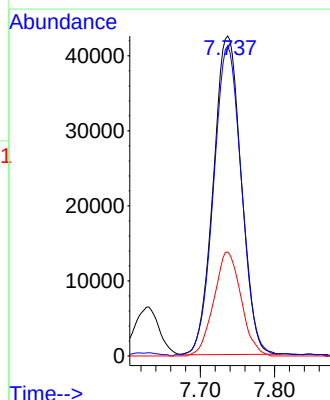
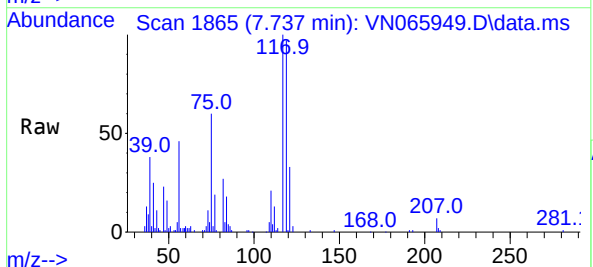
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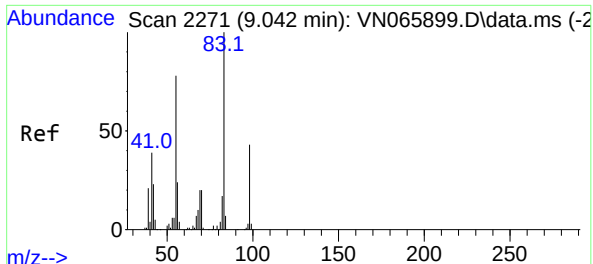
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#38  
Carbon Tetrachloride  
Concen: 46.51 ug/l  
RT: 7.737 min Scan# 1865  
Delta R.T. 0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 110624 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.1  | 76.0  | 114.0  |
| 121      | 32.7  | 24.5  | 36.7   |





#39

Methylcyclohexane

Concen: 46.40 ug/l

RT: 9.045 min Scan# 2272

Delta R.T. 0.003 min

Lab File: VN065949.D

Acq: 22 Feb 2021 10:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 133445 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 79.7  | 58.9  | 88.3   |
| 98       | 45.7  | 35.9  | 53.9   |

Instrument :

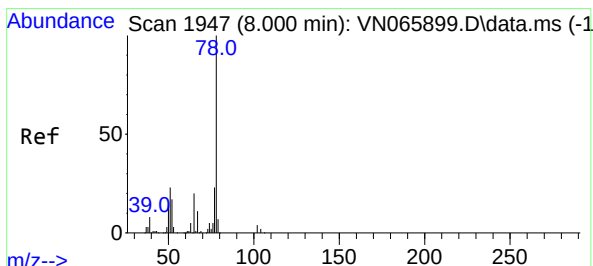
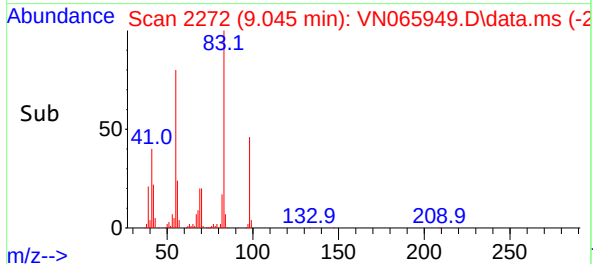
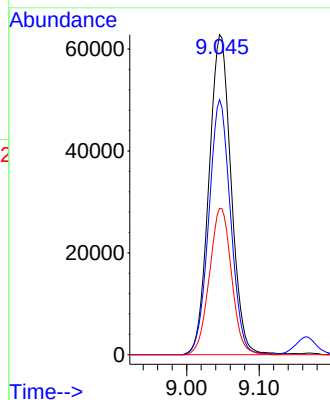
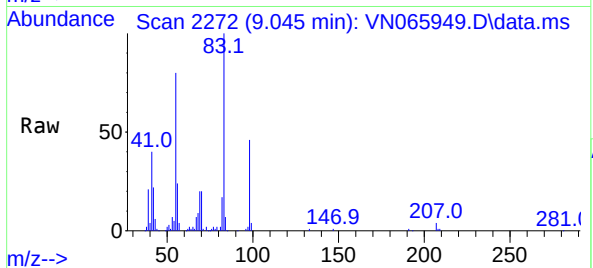
MSVOA\_N

ClientSampleId :

VSTDCCC050

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#40

Benzene

Concen: 44.93 ug/l

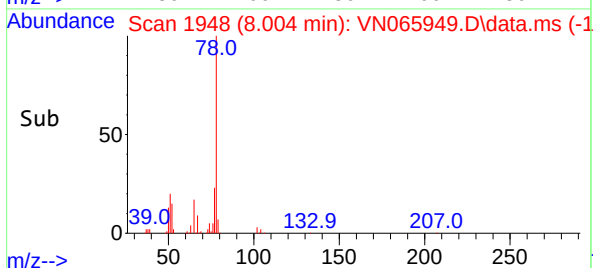
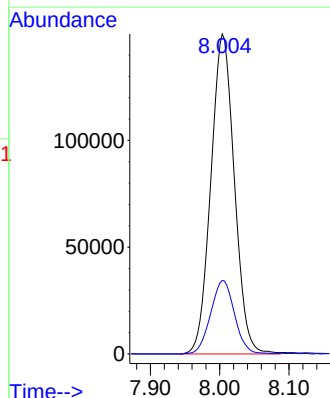
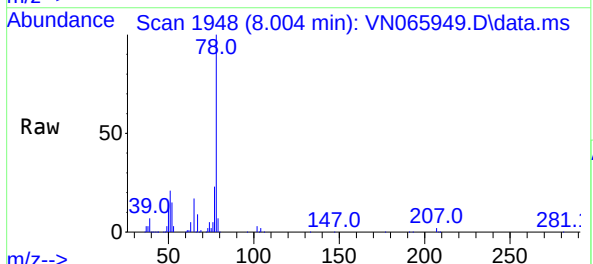
RT: 8.004 min Scan# 1948

Delta R.T. 0.004 min

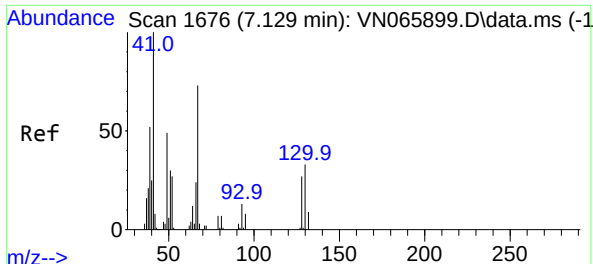
Lab File: VN065949.D

Acq: 22 Feb 2021 10:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 352761 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 23.0  | 19.0  | 28.4   |







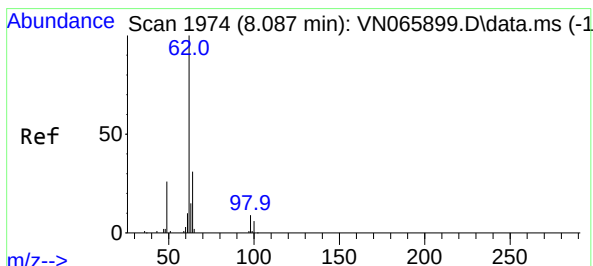
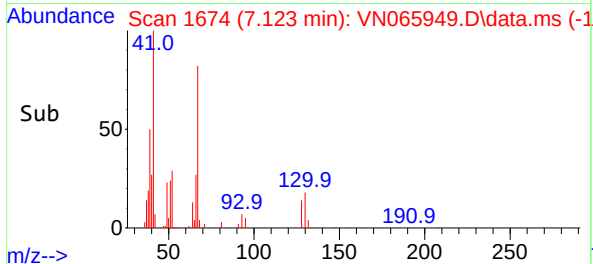
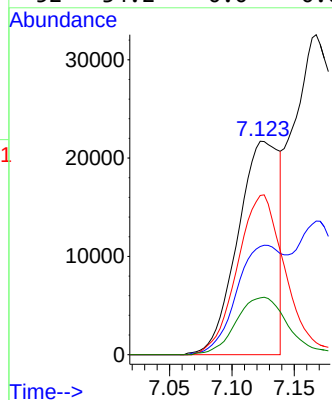
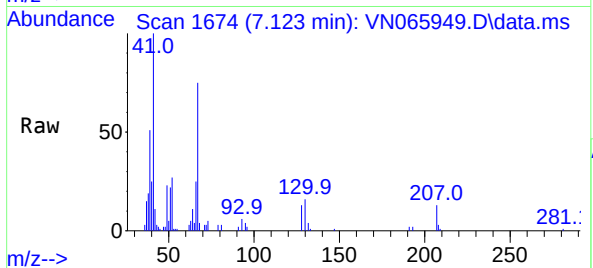
#41  
Methacrylonitrile  
Concen: 44.66 ug/l  
RT: 7.123 min Scan# 1674  
Delta R.T. -0.006 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 49961 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.4  | 0.0   | 0.0#  |
| 67       | 87.4  | 0.0   | 0.0#  |
| 52       | 34.2  | 0.0   | 0.0#  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
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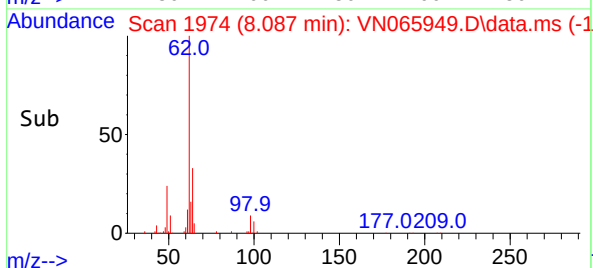
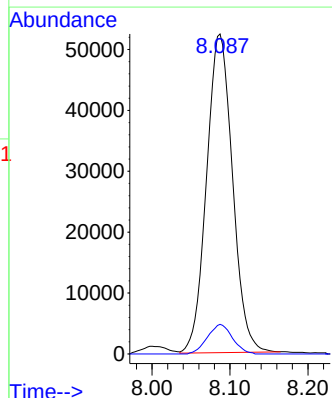
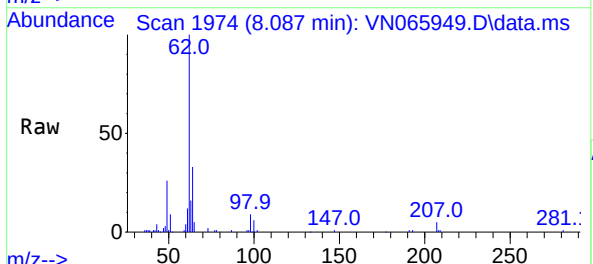
Manual Integrations  
APPROVED

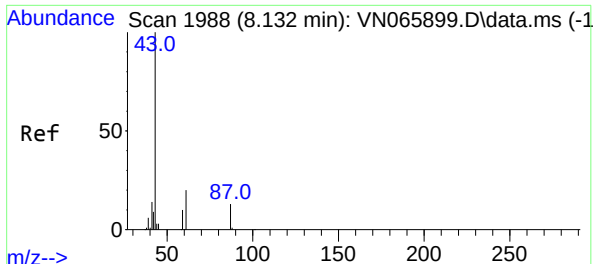
MMDadoda  
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#42  
1,2-Dichloroethane  
Concen: 47.00 ug/l  
RT: 8.087 min Scan# 1974  
Delta R.T. 0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 121279 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.9   | 0.0   | 18.6   |





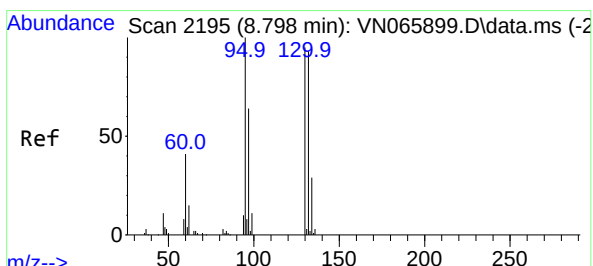
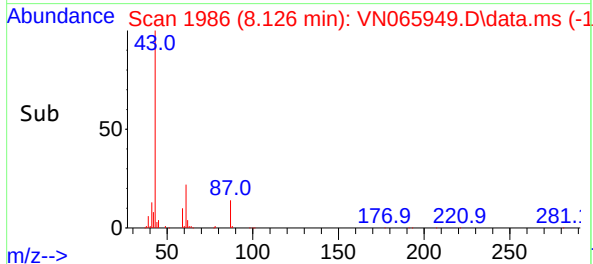
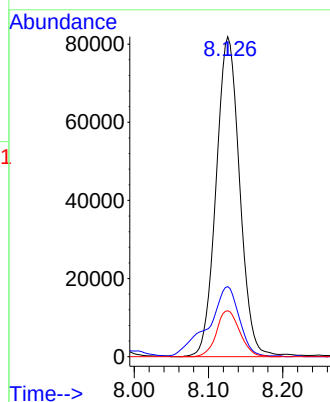
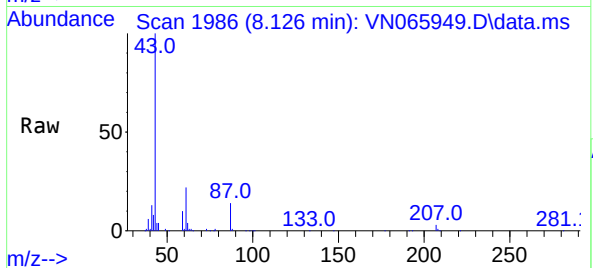
#43  
Isopropyl Acetate  
Concen: 49.01 ug/l  
RT: 8.126 min Scan# 1986  
Delta R.T. -0.006 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 43 Resp: 180527  
Ion Ratio Lower Upper  
43 100  
61 28.3 22.5 33.7  
87 14.3 11.1 16.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

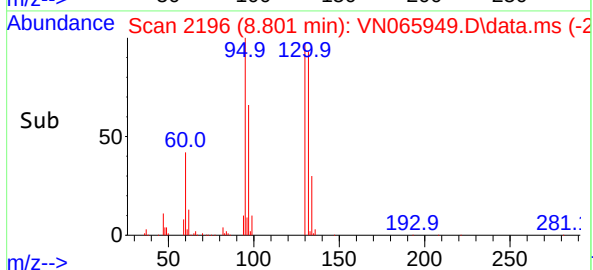
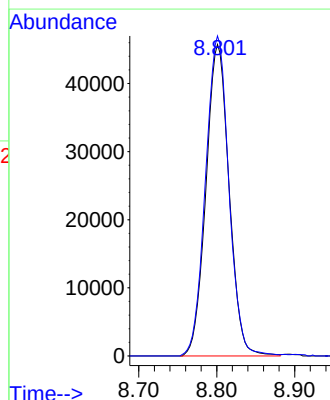
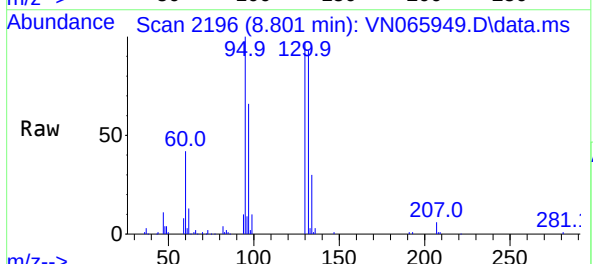
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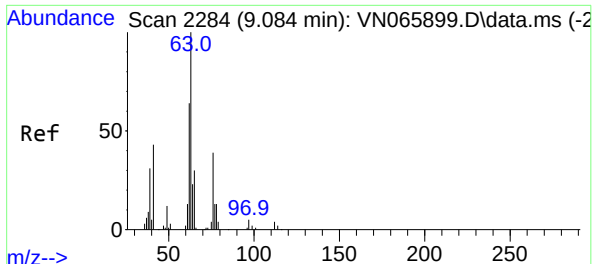
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#44  
Trichloroethene  
Concen: 48.65 ug/l  
RT: 8.801 min Scan# 2196  
Delta R.T. 0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion:130 Resp: 94466  
Ion Ratio Lower Upper  
130 100  
95 102.7 0.0 199.6





#45

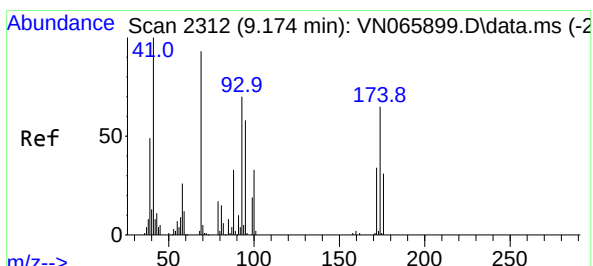
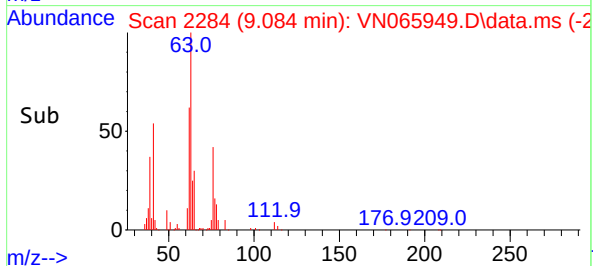
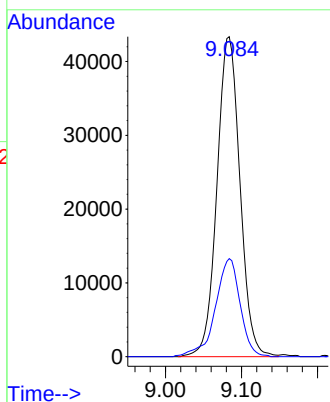
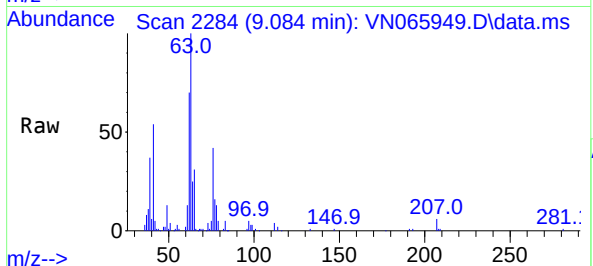
1,2-Dichloropropane  
Concen: 45.31 ug/l  
RT: 9.084 min Scan# 2284  
Delta R.T. -0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 63 Resp: 91099  
Ion Ratio Lower Upper  
63 100  
65 30.7 24.9 37.3

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

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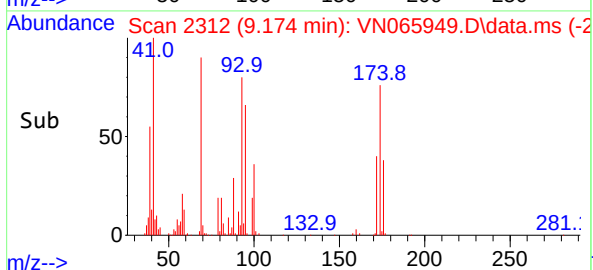
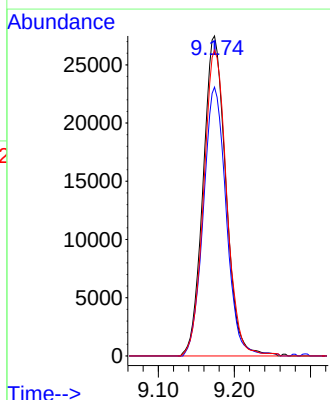
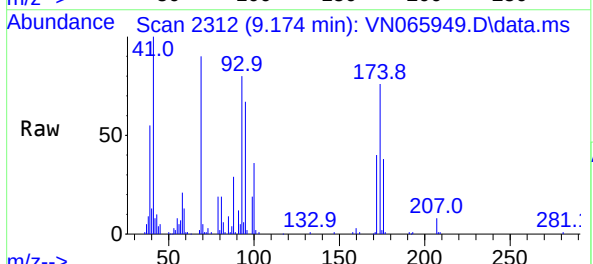
MMDadoda  
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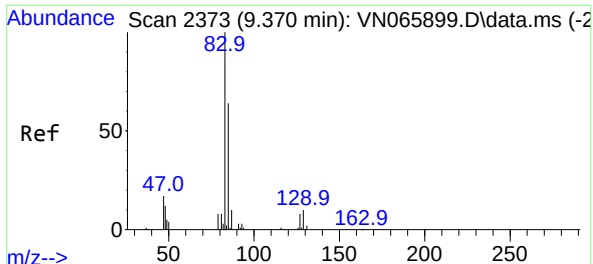


#46

Dibromomethane  
Concen: 46.71 ug/l  
RT: 9.174 min Scan# 2312  
Delta R.T. -0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 93 Resp: 57213  
Ion Ratio Lower Upper  
93 100  
95 84.4 67.0 100.6  
174 96.2 83.2 124.8





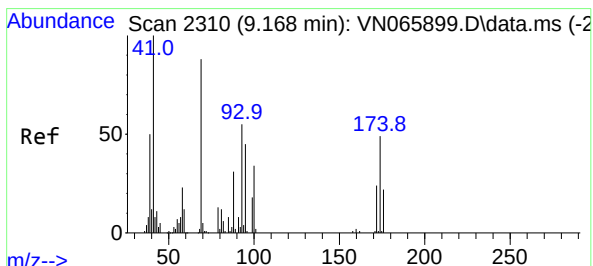
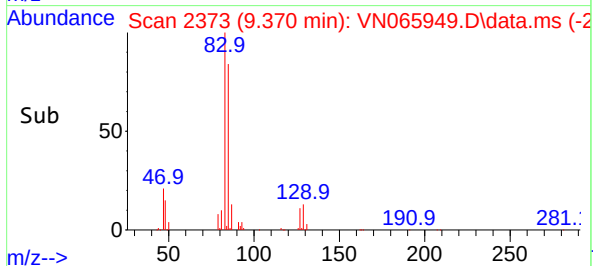
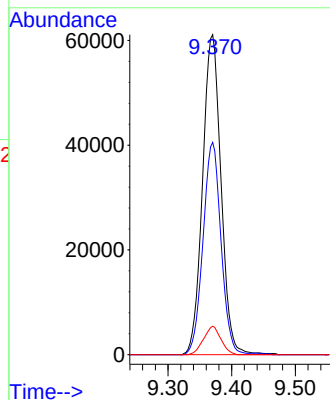
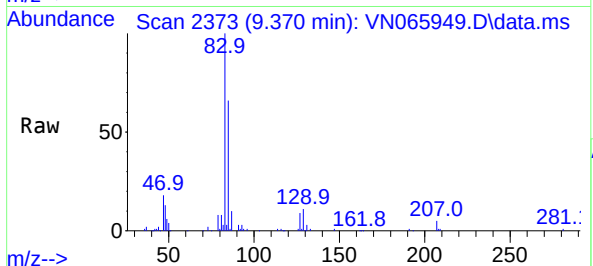
#47  
Bromodichloromethane  
Concen: 49.39 ug/l  
RT: 9.370 min Scan# 2373  
Delta R.T. 0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 83 Resp: 123175  
Ion Ratio Lower Upper  
83 100  
85 66.4 51.0 76.4  
127 8.9 7.0 10.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

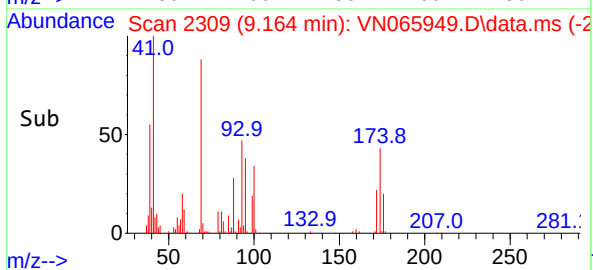
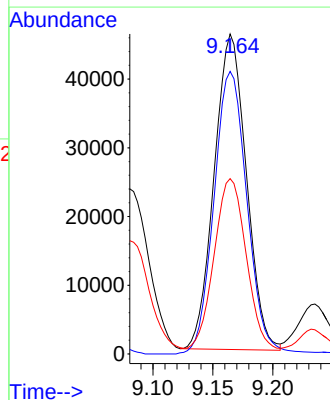
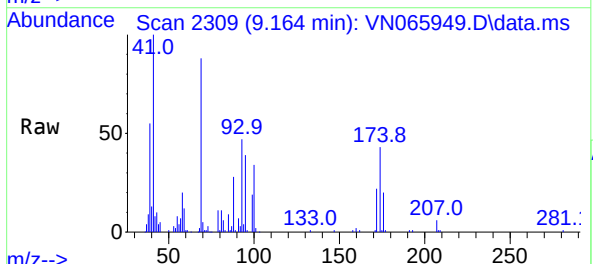
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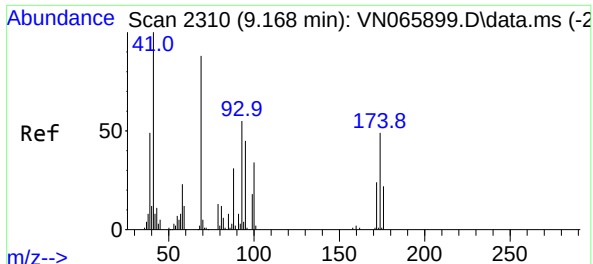
MMDadoda  
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#48  
Methyl methacrylate  
Concen: 45.86 ug/l  
RT: 9.164 min Scan# 2309  
Delta R.T. -0.004 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 41 Resp: 85582  
Ion Ratio Lower Upper  
41 100  
69 92.5 75.9 113.9  
39 57.3 46.6 69.8





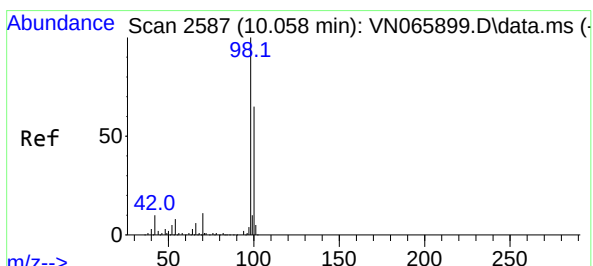
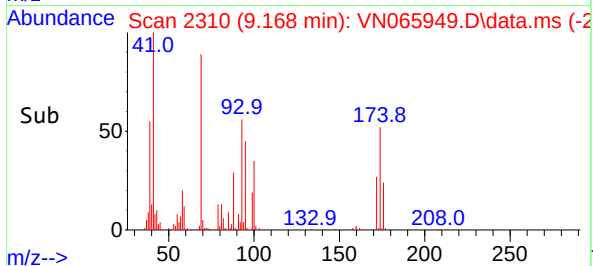
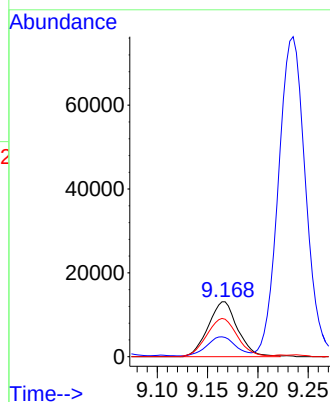
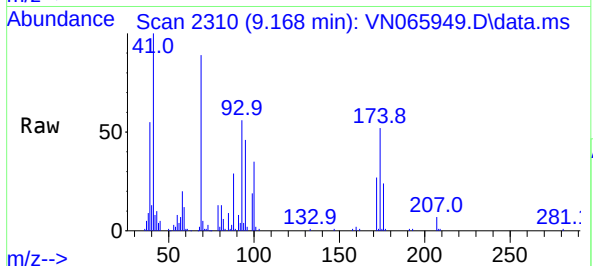
#49  
1,4-Dioxane  
Concen: 838.07 ug/l  
RT: 9.168 min Scan# 2310  
Delta R.T. -0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 88 Resp: 26648  
Ion Ratio Lower Upper  
88 100  
43 33.7 24.7 37.1  
58 72.7 52.6 78.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

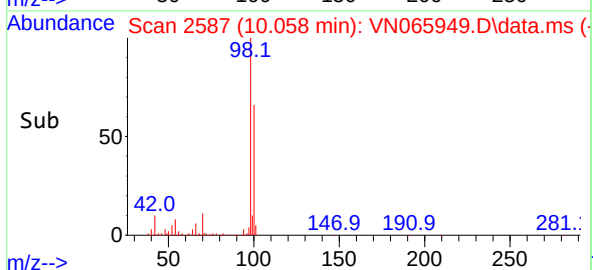
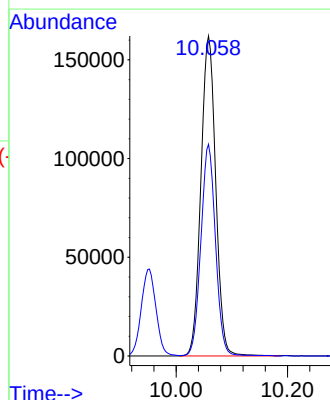
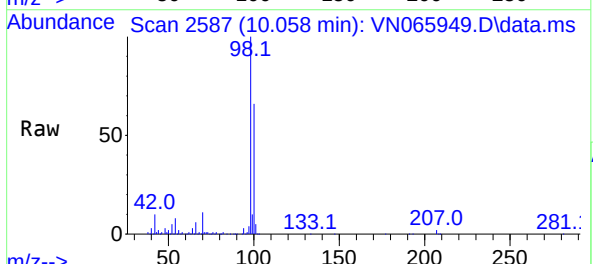
Manual Integrations  
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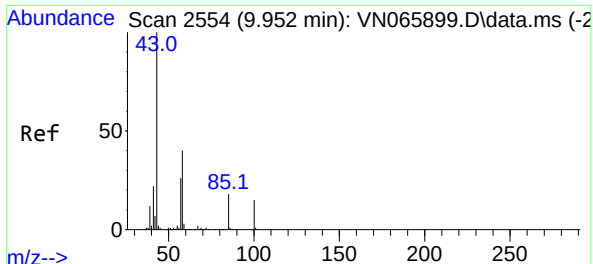
MMDadoda  
2/23/2021 11:49:02 AM



#50  
Toluene-d8  
Concen: 45.44 ug/l  
RT: 10.058 min Scan# 2587  
Delta R.T. 0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 98 Resp: 299613  
Ion Ratio Lower Upper  
98 100  
100 64.6 50.5 75.7





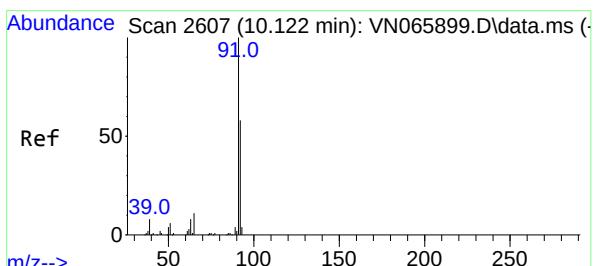
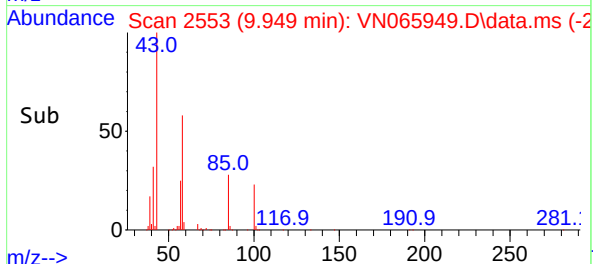
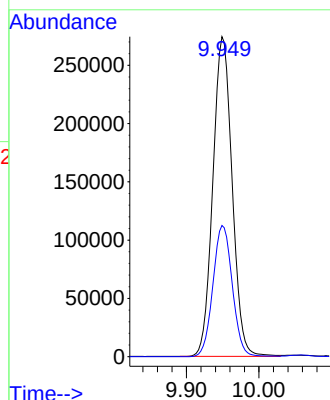
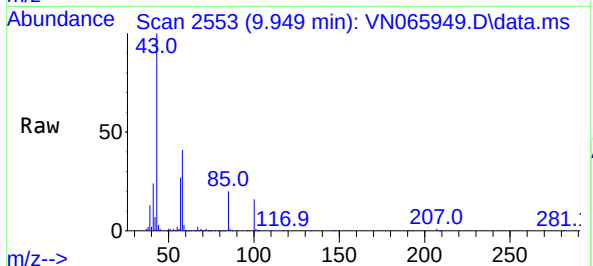
#51  
4-Methyl-2-Pentanone  
Concen: 225.89 ug/l  
RT: 9.949 min Scan# 2553  
Delta R.T. -0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 43 Resp: 506250  
Ion Ratio Lower Upper  
43 100  
58 41.4 32.5 48.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

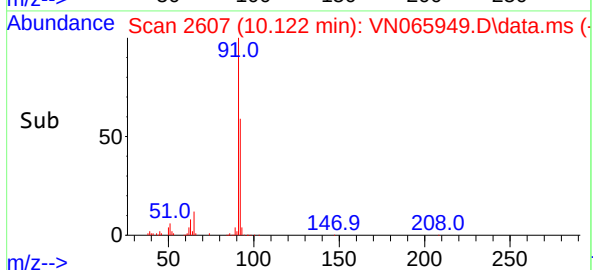
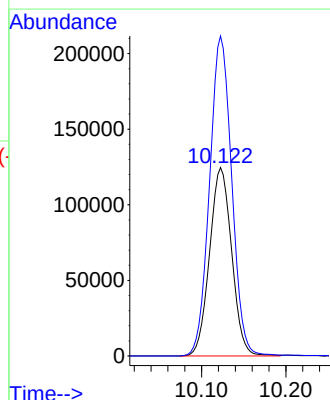
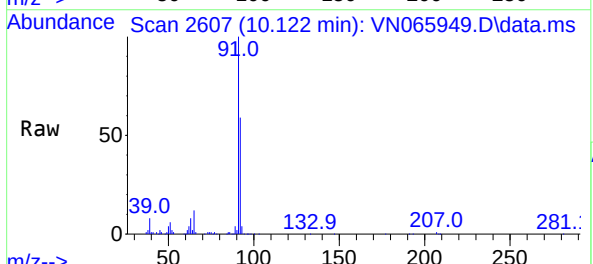
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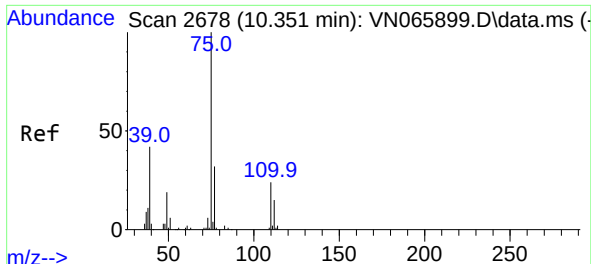
MMDadoda  
2/23/2021 11:49:02 AM



#52  
Toluene  
Concen: 47.16 ug/l  
RT: 10.122 min Scan# 2607  
Delta R.T. 0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 92 Resp: 227421  
Ion Ratio Lower Upper  
92 100  
91 170.5 140.7 211.1





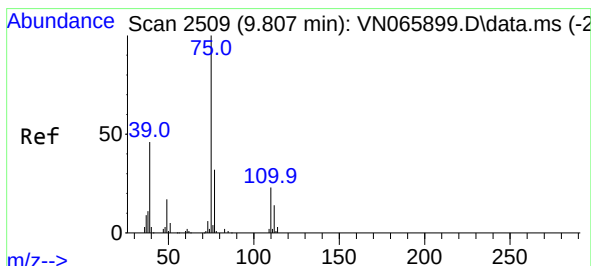
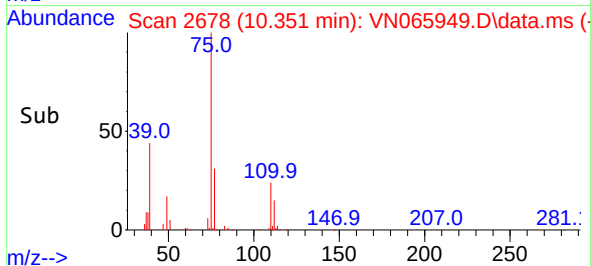
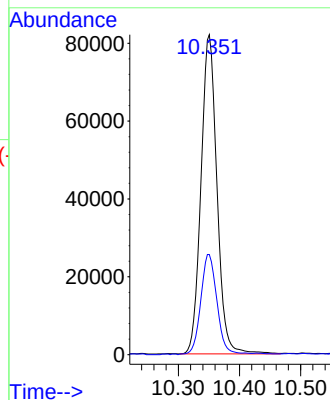
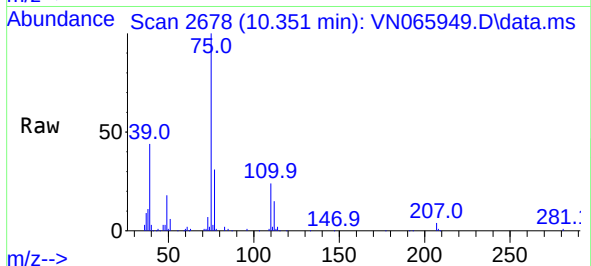
#53  
t-1,3-Dichloropropene  
Concen: 48.30 ug/l  
RT: 10.351 min Scan# 2678  
Delta R.T. -0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 75 Resp: 148775  
Ion Ratio Lower Upper  
75 100  
77 31.2 26.2 39.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

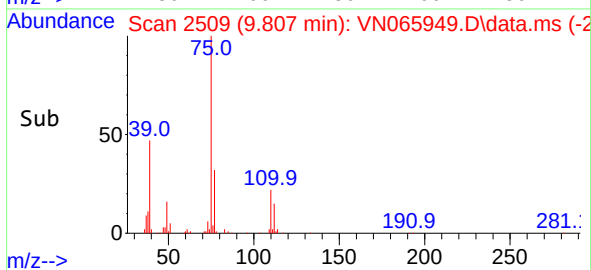
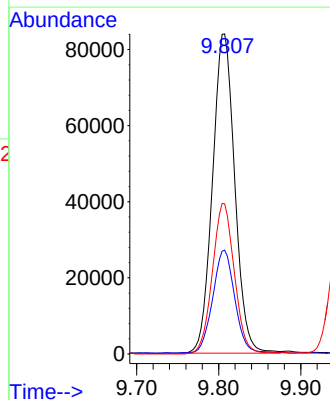
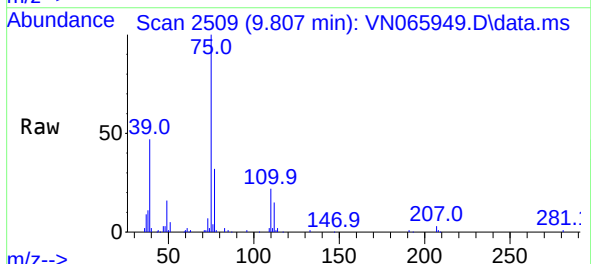
Manual Integrations  
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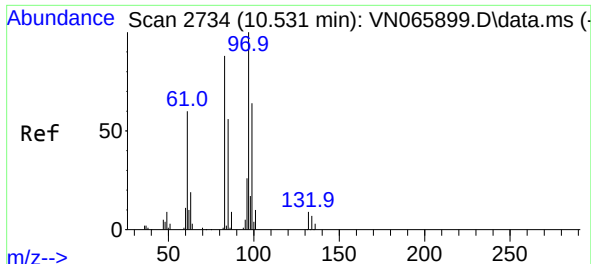
MMDadoda  
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#54  
cis-1,3-Dichloropropene  
Concen: 51.19 ug/l  
RT: 9.807 min Scan# 2509  
Delta R.T. 0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 75 Resp: 158293  
Ion Ratio Lower Upper  
75 100  
77 32.2 24.9 37.3  
39 47.0 36.2 54.4





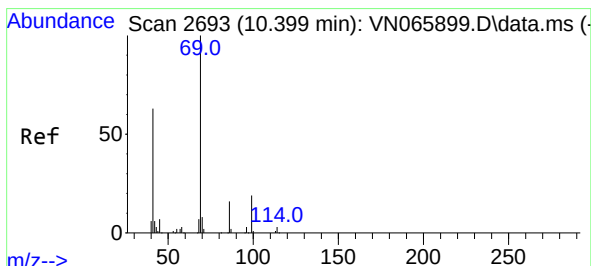
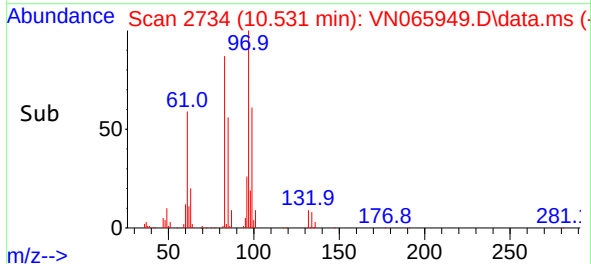
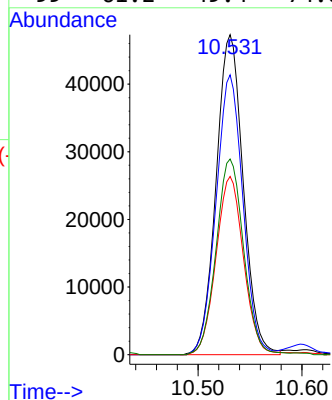
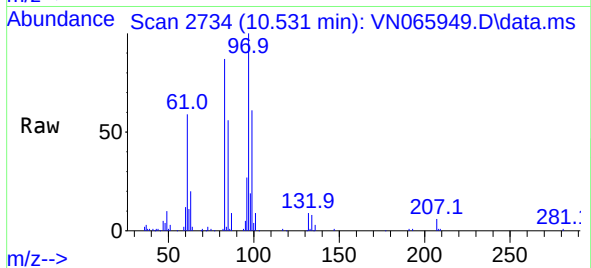
#55  
1,1,2-Trichloroethane  
Concen: 47.53 ug/l  
RT: 10.531 min Scan# 2734  
Delta R.T. -0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 85781 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.5  | 67.7  | 101.5 |
| 85       | 55.7  | 44.5  | 66.7  |
| 99       | 61.2  | 49.4  | 74.0  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

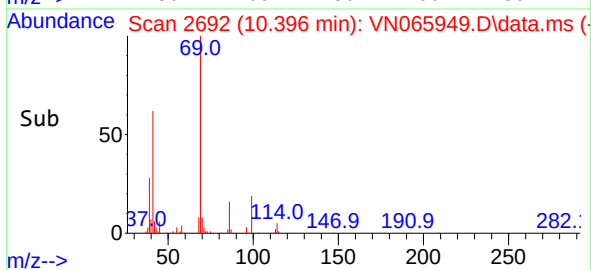
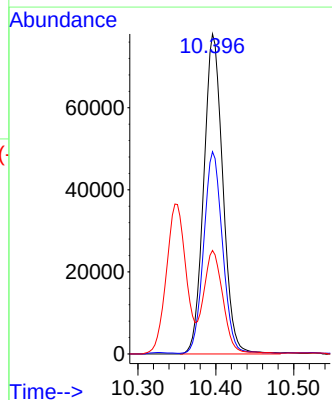
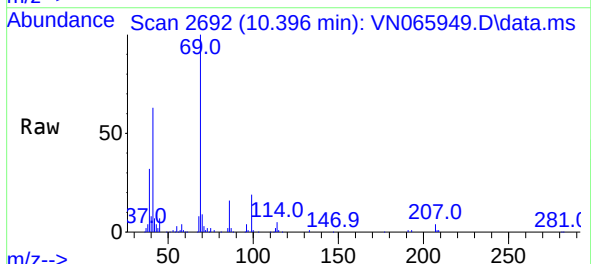
Manual Integrations  
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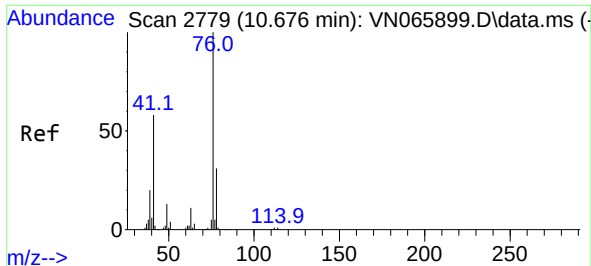


#56  
Ethyl methacrylate  
Concen: 48.86 ug/l  
RT: 10.396 min Scan# 2692  
Delta R.T. -0.003 min  
Lab File: VN065949.D  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 132574 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 62.2  | 49.6  | 74.4   |
| 39       | 31.9  | 28.0  | 42.0   |







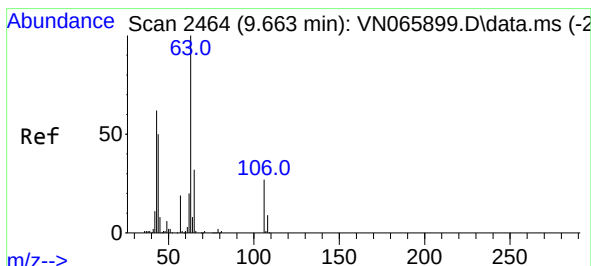
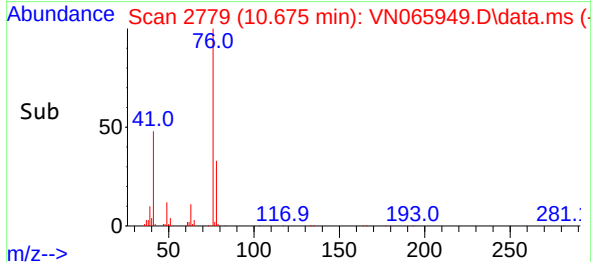
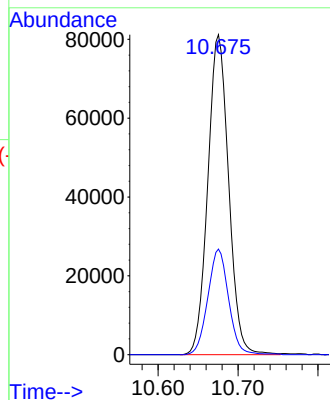
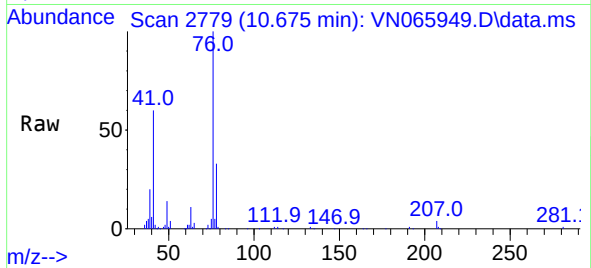
#57  
1,3-Dichloropropane  
Concen: 46.15 ug/l  
RT: 10.675 min Scan# 2779  
Delta R.T. -0.001 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 76 Resp: 146827  
Ion Ratio Lower Upper  
76 100  
78 32.9 25.7 38.5

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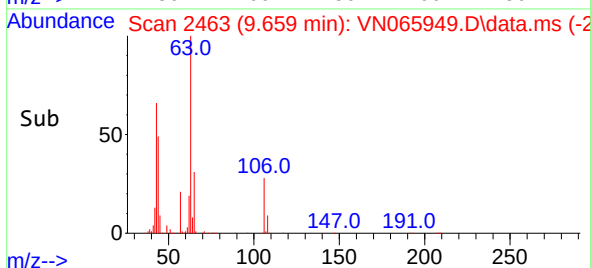
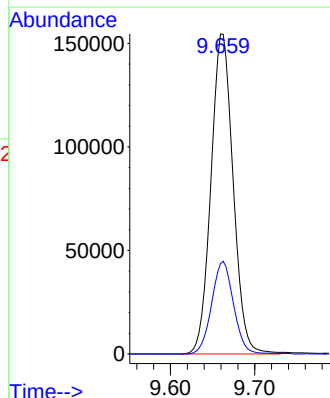
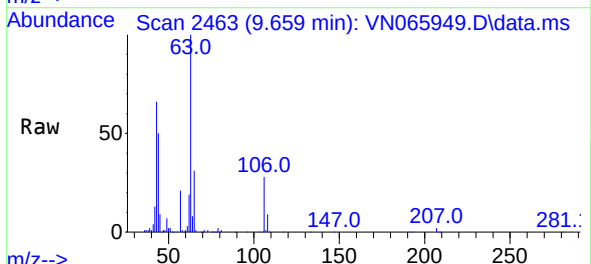
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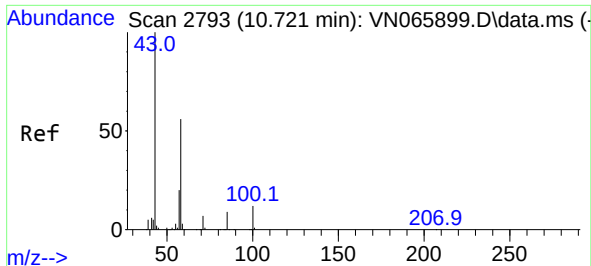
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#58  
2-Chloroethyl Vinyl ether  
Concen: 217.78 ug/l  
RT: 9.659 min Scan# 2463  
Delta R.T. -0.004 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 63 Resp: 282131  
Ion Ratio Lower Upper  
63 100  
106 28.6 22.6 33.8





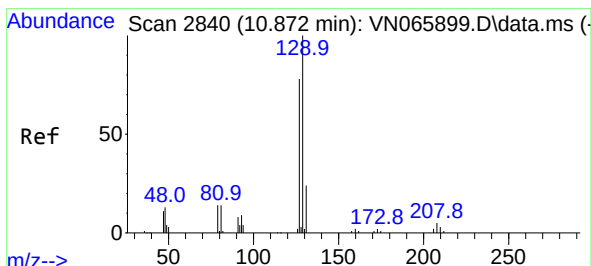
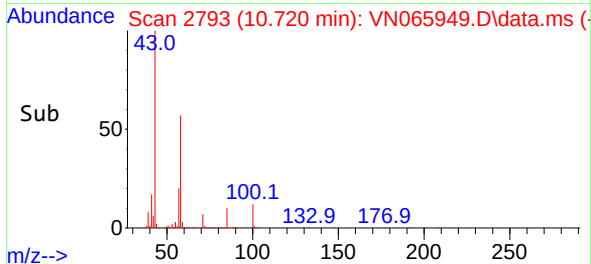
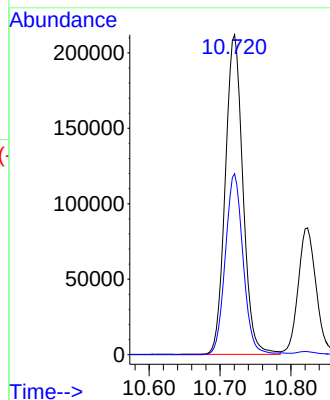
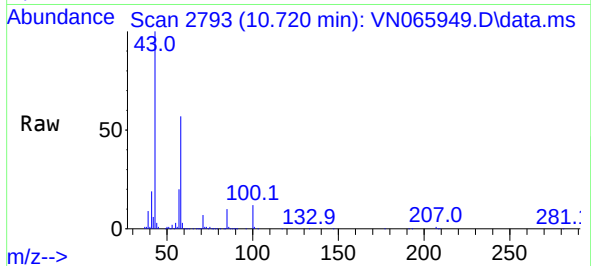
#59  
2-Hexanone  
Concen: 229.36 ug/l  
RT: 10.720 min Scan# 2793  
Delta R.T. -0.001 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 43 Resp: 366138  
Ion Ratio Lower Upper  
43 100  
58 57.0 28.1 84.3

Instrument :  
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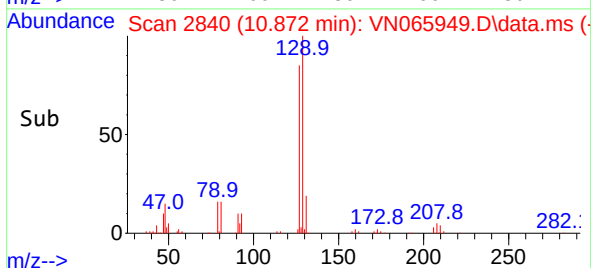
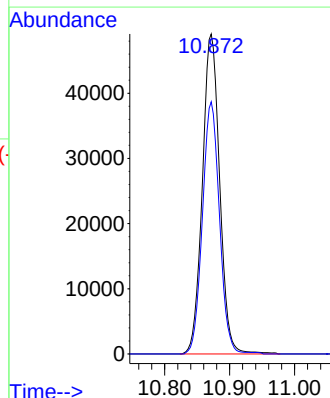
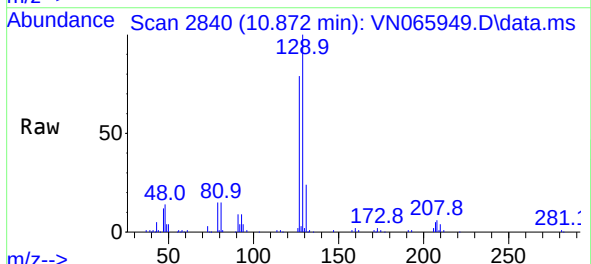
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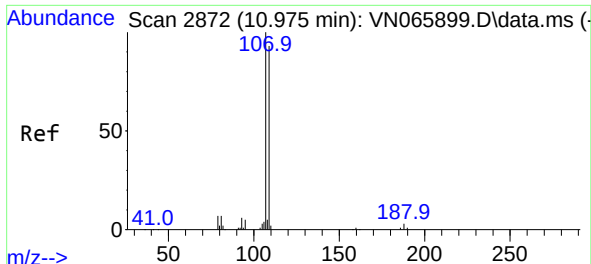
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#60  
Dibromochloromethane  
Concen: 49.44 ug/l  
RT: 10.872 min Scan# 2840  
Delta R.T. -0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 129 Resp: 91191  
Ion Ratio Lower Upper  
129 100  
127 77.6 38.5 115.5





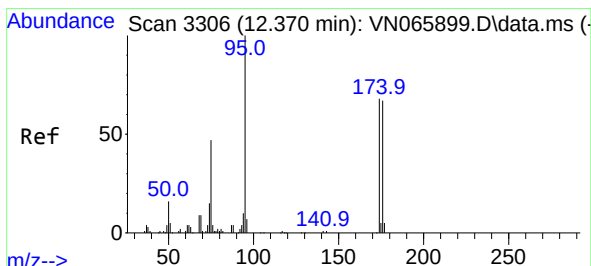
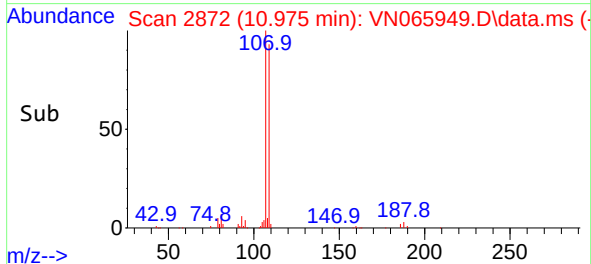
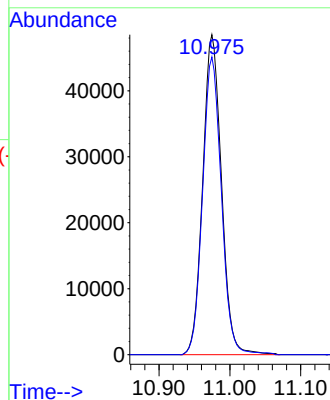
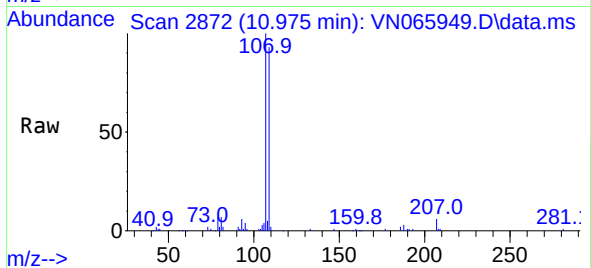
#61  
1,2-Dibromoethane  
Concen: 48.56 ug/l  
RT: 10.975 min Scan# 2872  
Delta R.T. -0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 107 Resp: 89023  
Ion Ratio Lower Upper  
107 100  
109 93.2 75.6 113.4

Instrument :  
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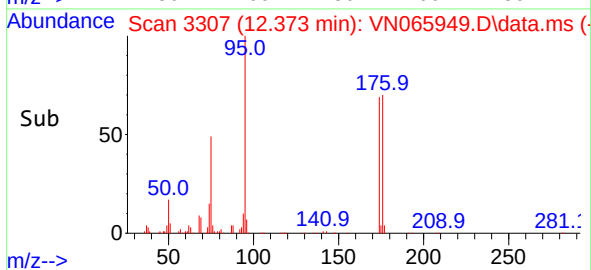
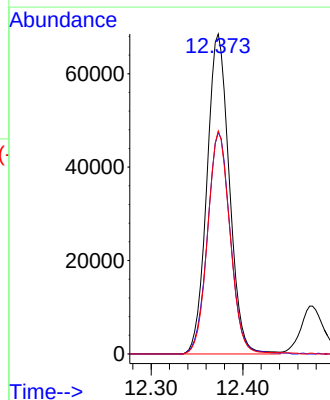
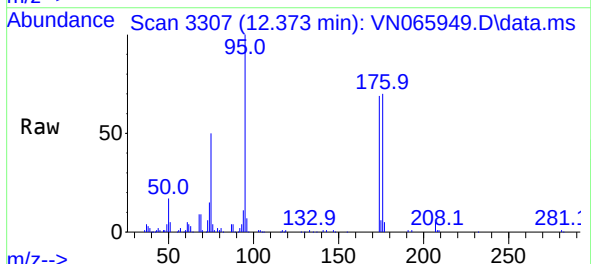
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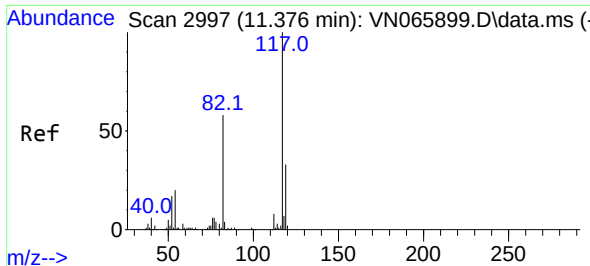
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#62  
4-Bromofluorobenzene  
Concen: 46.91 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 95 Resp: 116122  
Ion Ratio Lower Upper  
95 100  
174 70.5 0.0 169.0  
176 69.6 0.0 162.4





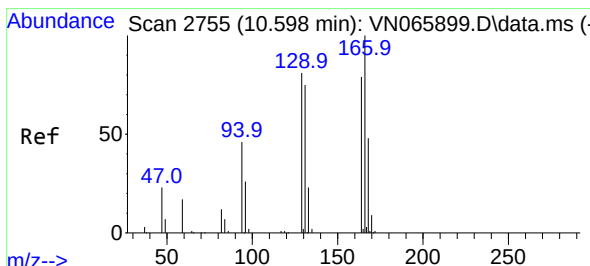
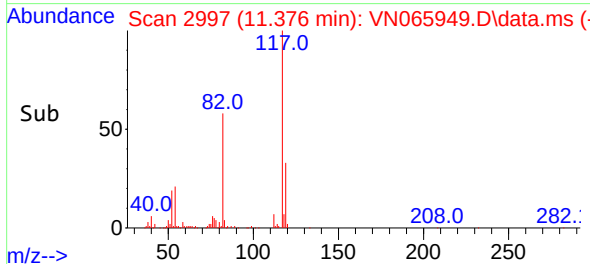
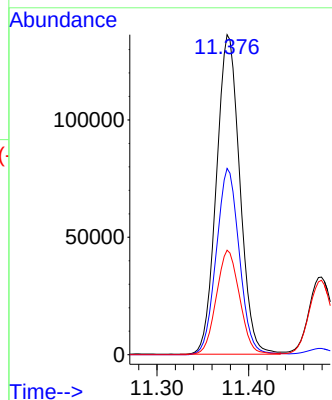
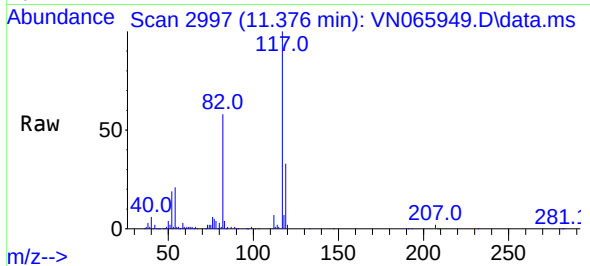
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.376 min Scan# 2997  
Delta R.T. 0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion:117 Resp: 241129  
Ion Ratio Lower Upper  
117 100  
82 58.3 43.7 65.5  
119 32.7 26.1 39.1

Instrument :  
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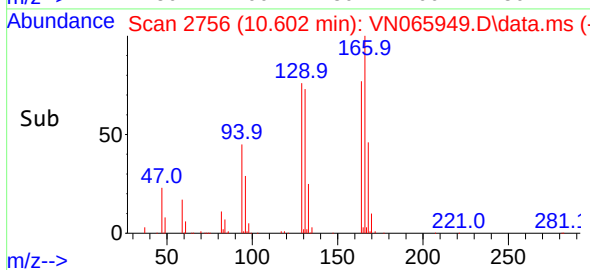
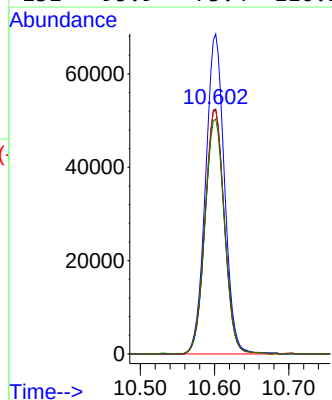
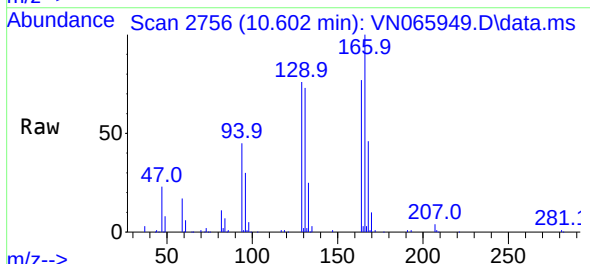
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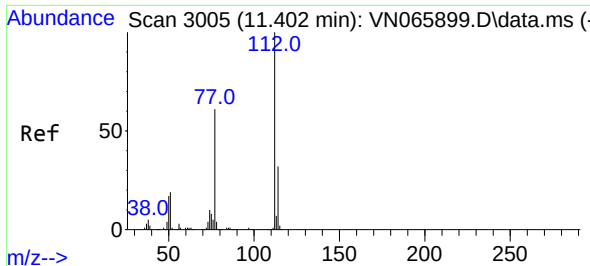
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#64  
Tetrachloroethene  
Concen: 50.95 ug/l  
RT: 10.602 min Scan# 2756  
Delta R.T. 0.004 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion:164 Resp: 94845  
Ion Ratio Lower Upper  
164 100  
166 130.7 102.6 154.0  
129 99.7 76.2 114.4  
131 95.9 73.4 110.2





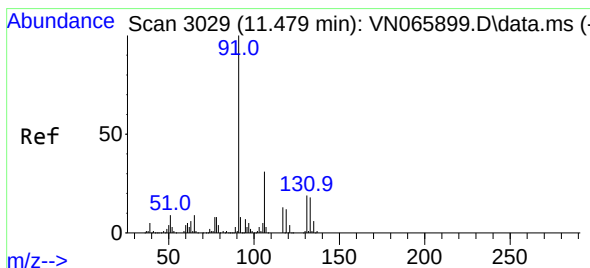
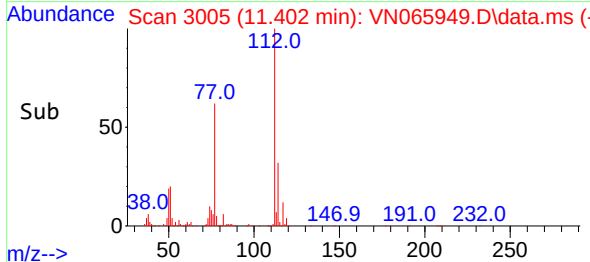
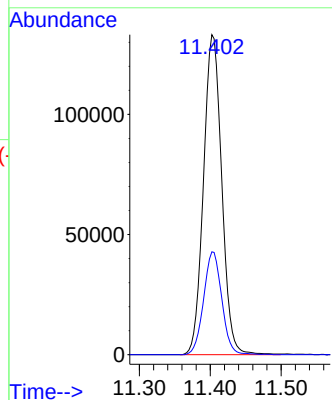
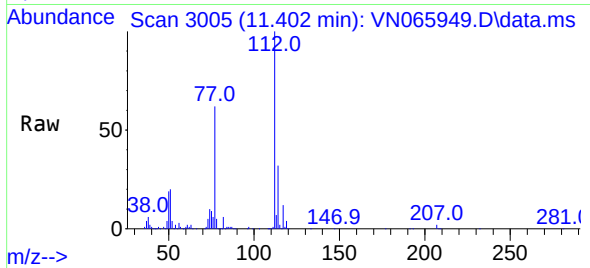
#65  
Chlorobenzene  
Concen: 47.25 ug/l  
RT: 11.402 min Scan# 3005  
Delta R.T. 0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion:112 Resp: 238266  
Ion Ratio Lower Upper  
112 100  
114 32.2 26.1 39.1

Instrument :  
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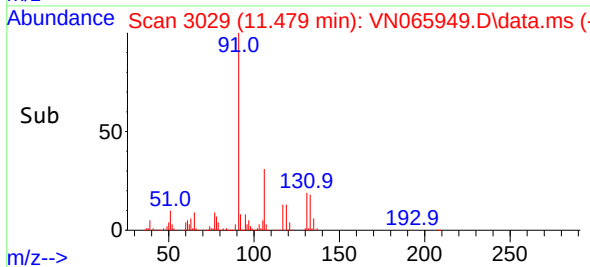
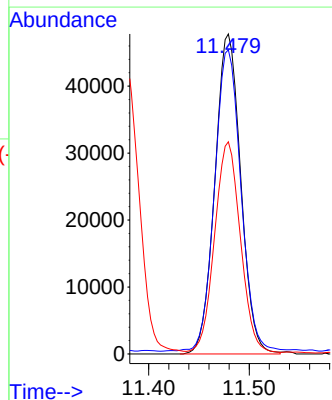
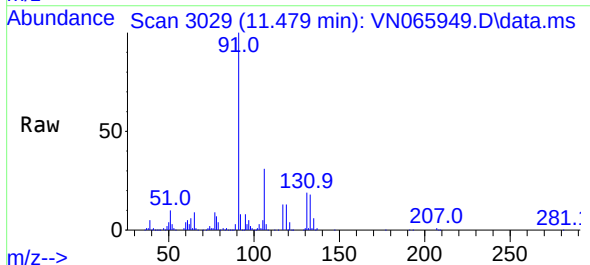
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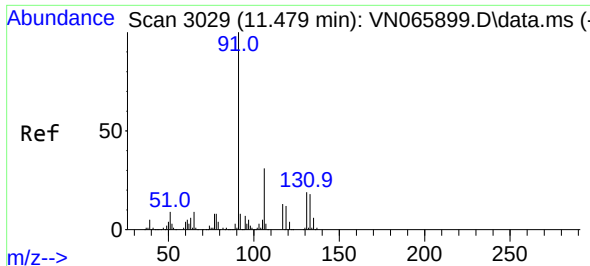
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.30 ug/l  
RT: 11.479 min Scan# 3029  
Delta R.T. 0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion:131 Resp: 85390  
Ion Ratio Lower Upper  
131 100  
133 95.9 48.0 144.0  
119 65.7 34.1 102.2





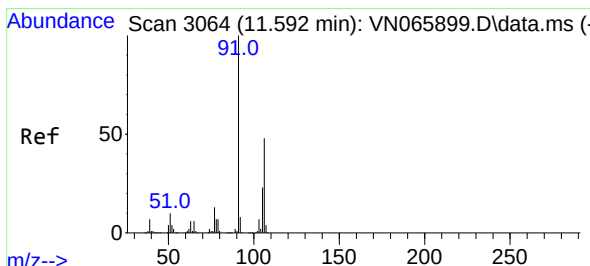
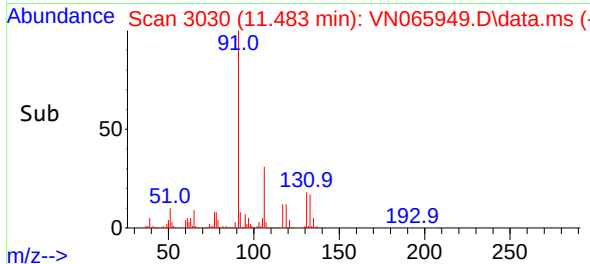
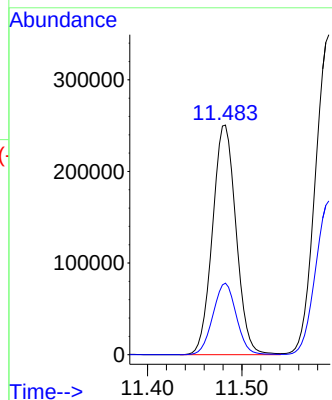
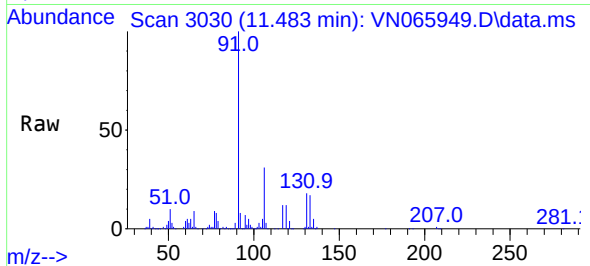
#67  
Ethyl Benzene  
Concen: 47.50 ug/l  
RT: 11.483 min Scan# 3030  
Delta R.T. 0.004 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 91 Resp: 433537  
Ion Ratio Lower Upper  
91 100  
106 31.2 25.5 38.3

Instrument :  
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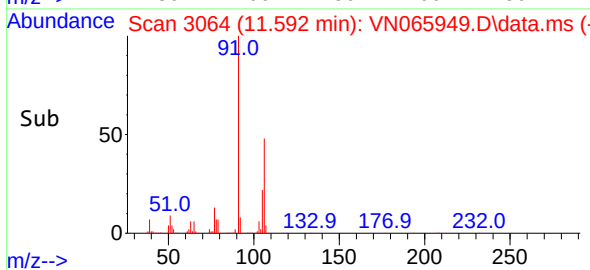
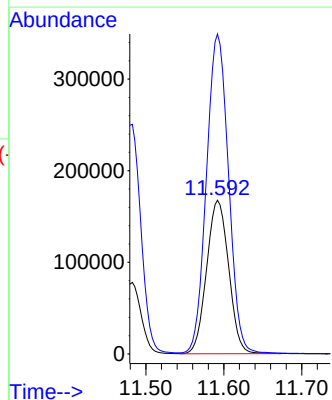
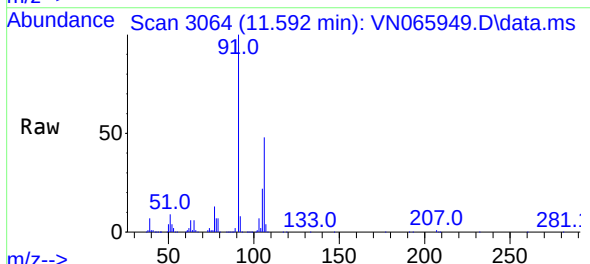
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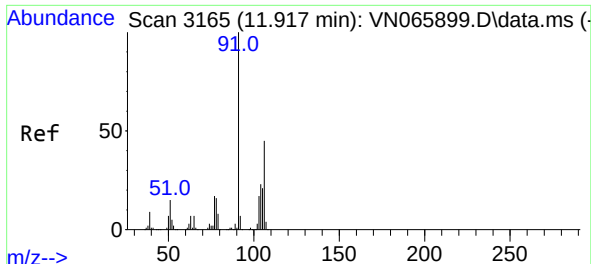
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#68  
m/p-Xylenes  
Concen: 96.72 ug/l  
RT: 11.592 min Scan# 3064  
Delta R.T. -0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion:106 Resp: 329401  
Ion Ratio Lower Upper  
106 100  
91 209.0 161.4 242.0





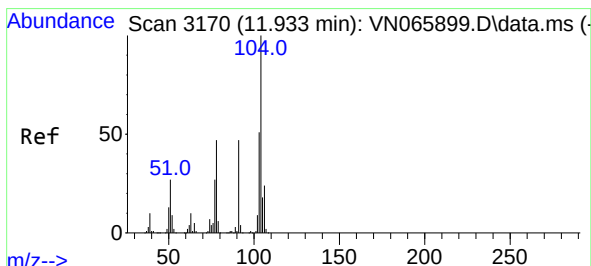
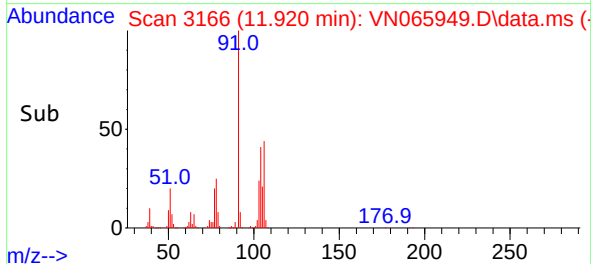
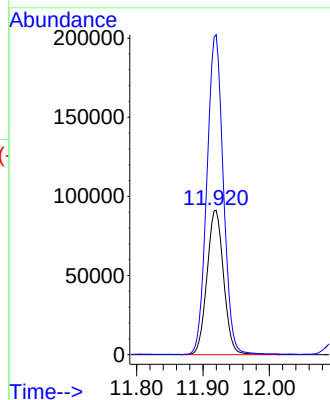
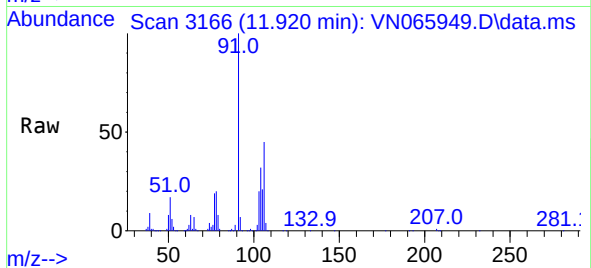
#69  
o-Xylene  
Concen: 48.43 ug/l  
RT: 11.920 min Scan# 3166  
Delta R.T. 0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion:106 Resp: 159013  
Ion Ratio Lower Upper  
106 100  
91 219.8 106.8 320.4

Instrument :  
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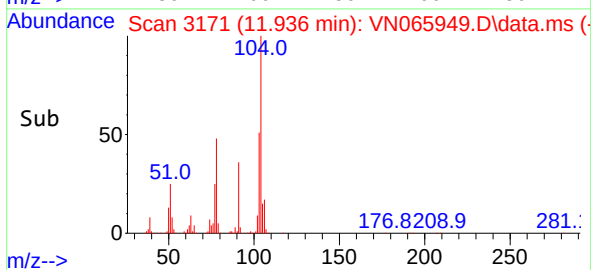
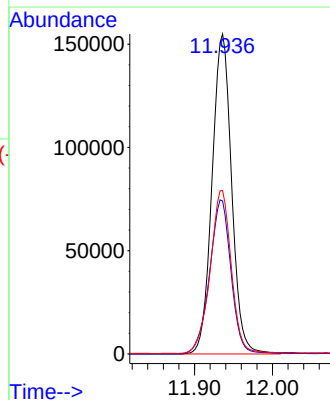
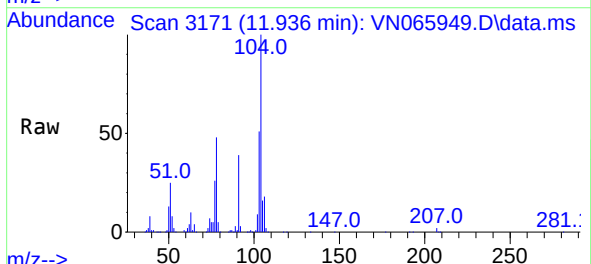
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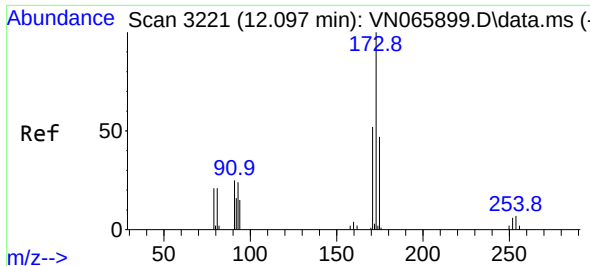
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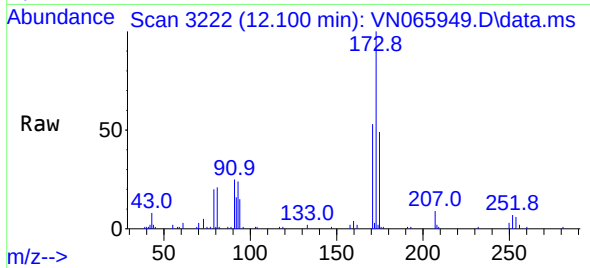
#70  
Styrene  
Concen: 50.01 ug/l  
RT: 11.936 min Scan# 3171  
Delta R.T. 0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion:104 Resp: 270337  
Ion Ratio Lower Upper  
104 100  
78 52.8 39.0 58.4  
103 54.9 44.5 66.7

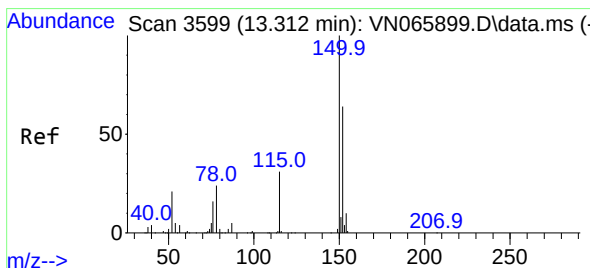
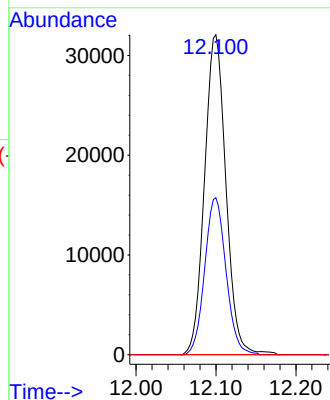
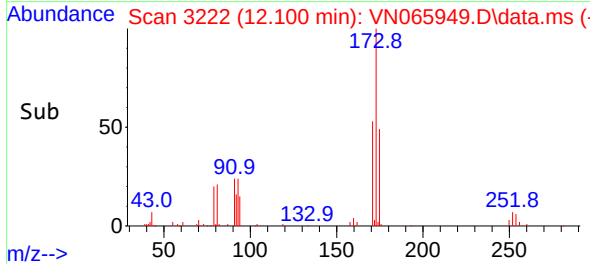




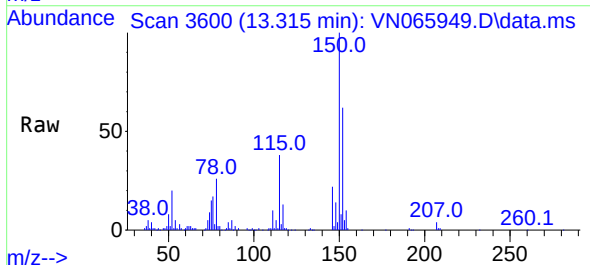
#71  
Bromoform  
Concen: 45.47 ug/l  
RT: 12.100 min Scan# 3222  
Delta R.T. 0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30



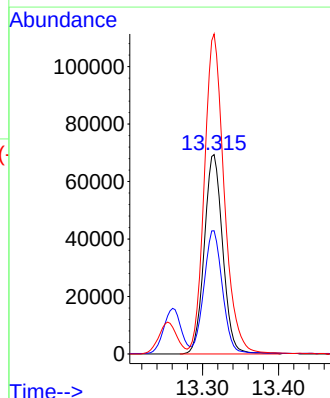
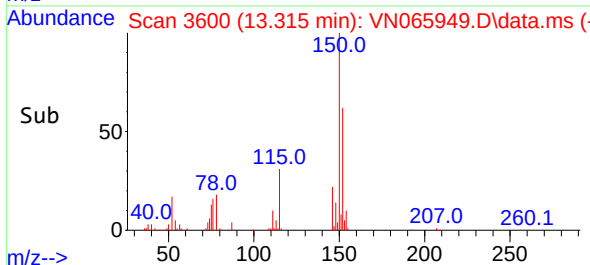
Tgt Ion:173 Resp: 59728  
Ion Ratio Lower Upper  
173 100  
175 48.8 23.8 71.2  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.315 min Scan# 3600  
Delta R.T. 0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30



Tgt Ion:152 Resp: 116979  
Ion Ratio Lower Upper  
152 100  
115 60.7 28.5 85.6  
150 172.2 0.0 347.6

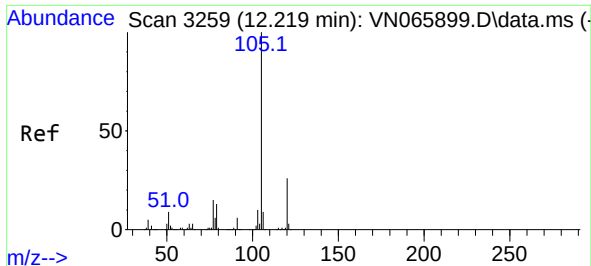


Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

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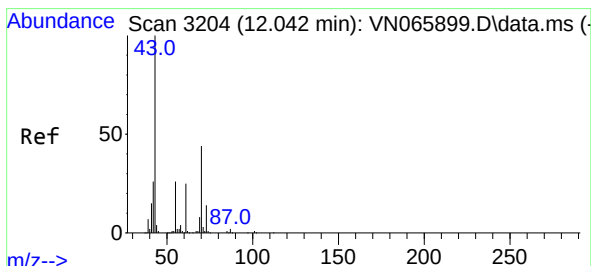
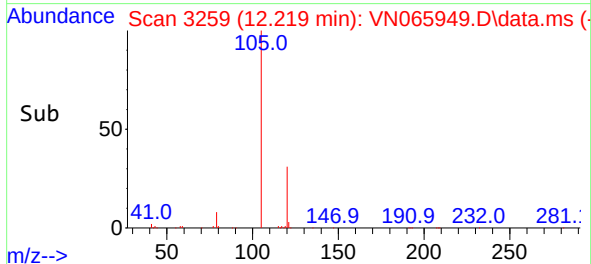
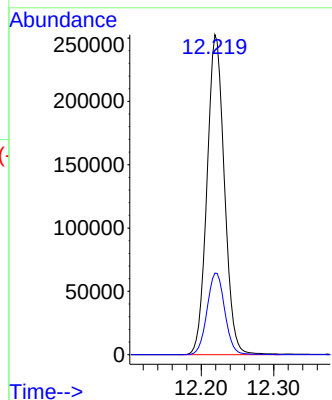
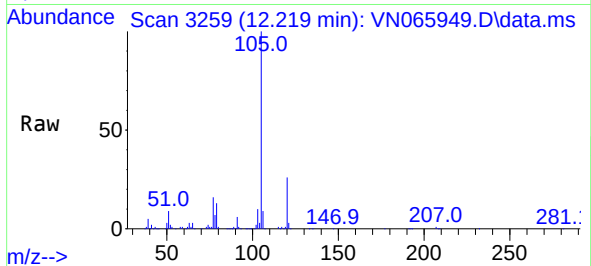
#73  
Isopropylbenzene  
Concen: 44.02 ug/l  
RT: 12.219 min Scan# 3259  
Delta R.T. -0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 105 Resp: 420277  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.3 39.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

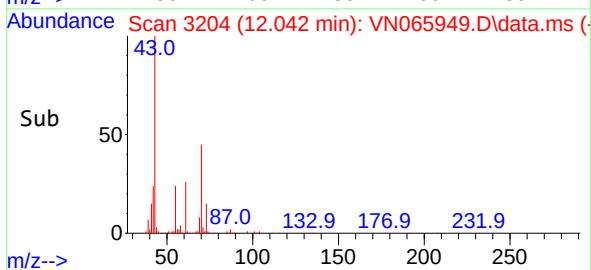
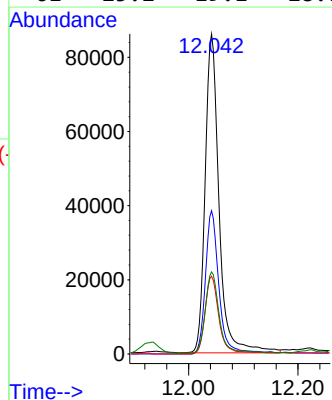
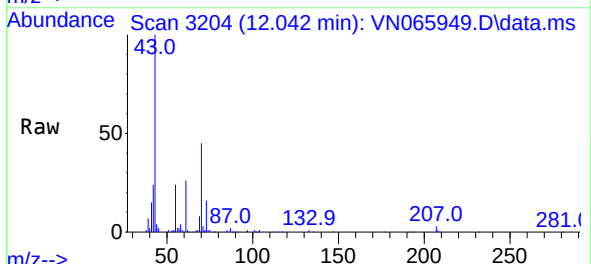
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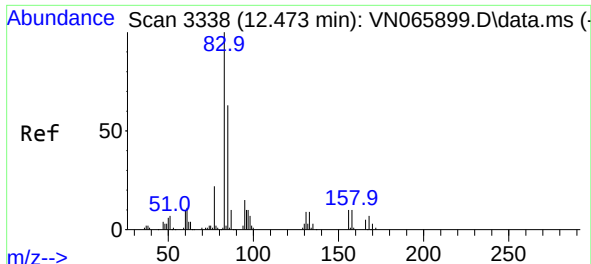
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#74  
N-ethyl acetate  
Concen: 45.82 ug/l  
RT: 12.042 min Scan# 3204  
Delta R.T. -0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 43 Resp: 151767  
Ion Ratio Lower Upper  
43 100  
70 43.5 34.4 51.6  
55 24.3 20.7 31.1  
61 25.2 19.1 28.7





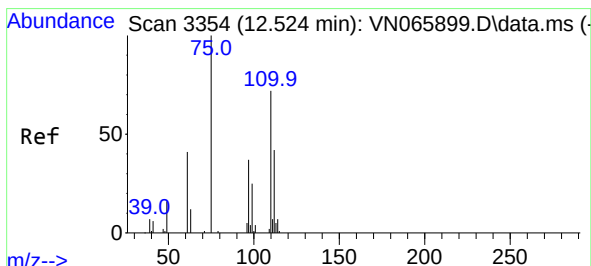
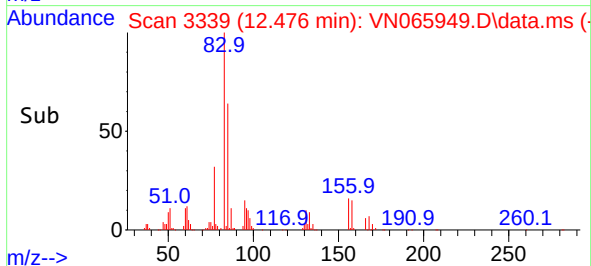
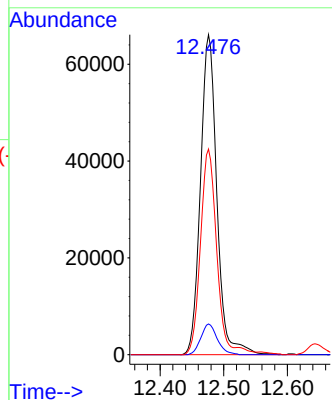
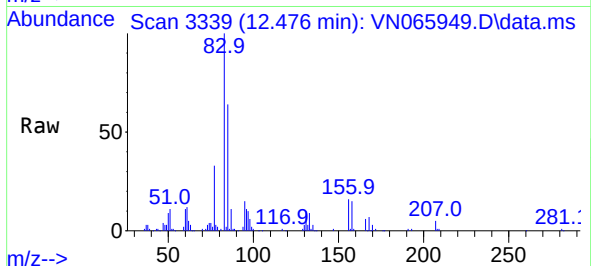
#75  
1,1,2,2-Tetrachloroethane  
Concen: 42.02 ug/l  
RT: 12.476 min Scan# 3339  
Delta R.T. 0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 83 Resp: 118361  
Ion Ratio Lower Upper  
83 100  
131 9.7 5.3 15.8  
85 62.2 32.0 96.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

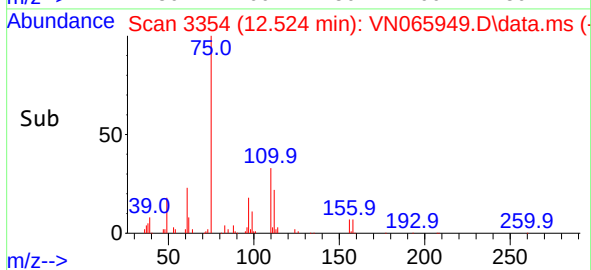
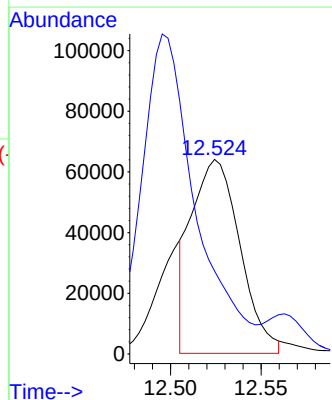
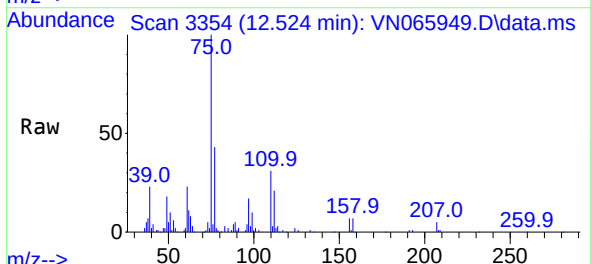
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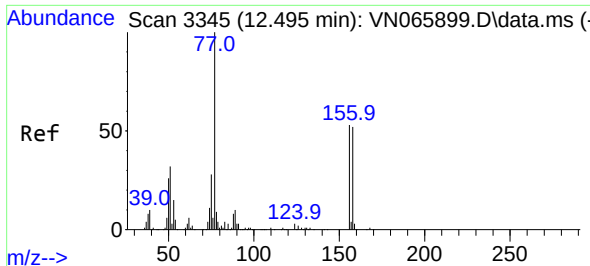
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#76  
1,2,3-Trichloropropane  
Concen: 42.30 ug/l m  
RT: 12.524 min Scan# 3354  
Delta R.T. 0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 75 Resp: 118881  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





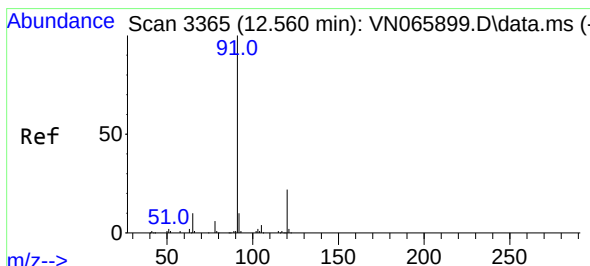
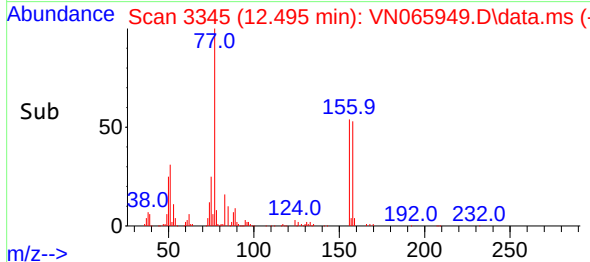
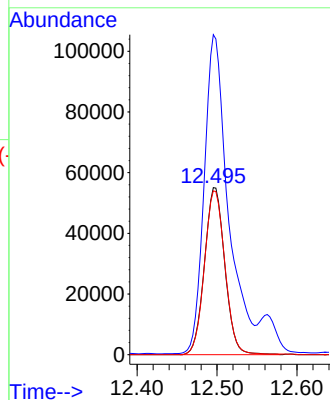
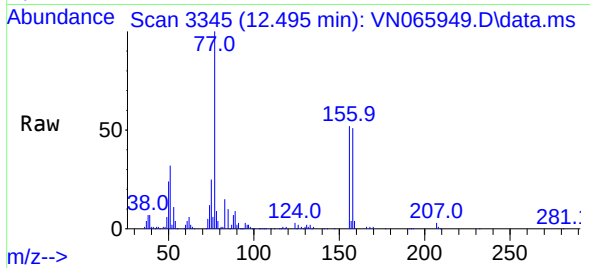
#77  
Bromobenzene  
Concen: 44.62 ug/l  
RT: 12.495 min Scan# 3345  
Delta R.T. 0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion:156 Resp: 97473  
Ion Ratio Lower Upper  
156 100  
77 224.2 96.3 288.8  
158 99.1 49.0 147.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

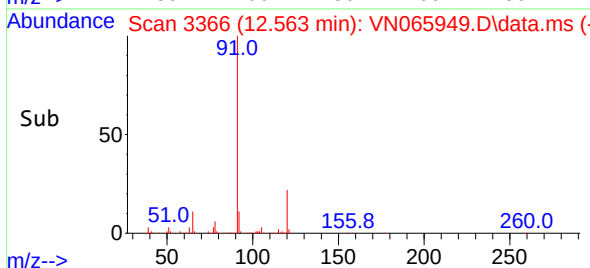
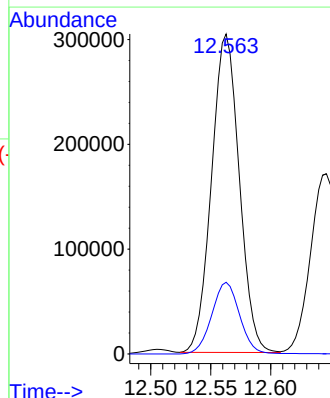
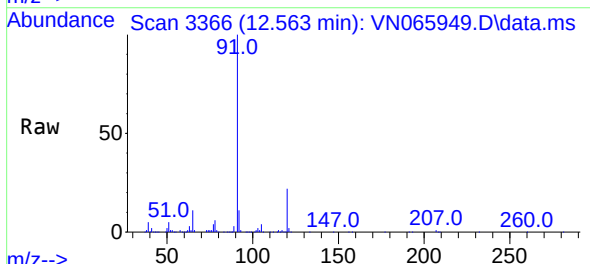
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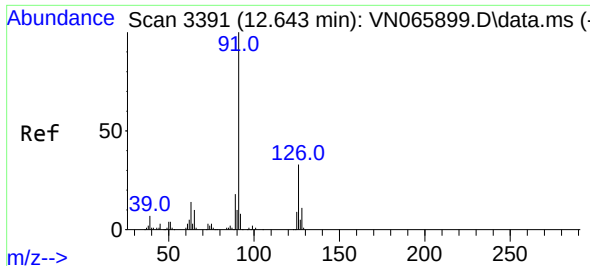
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#78  
n-propylbenzene  
Concen: 44.91 ug/l  
RT: 12.563 min Scan# 3366  
Delta R.T. 0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 91 Resp: 487667  
Ion Ratio Lower Upper  
91 100  
120 22.7 11.8 35.3





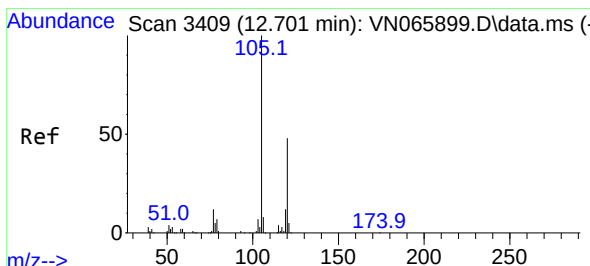
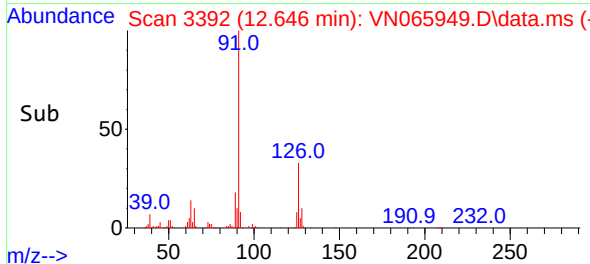
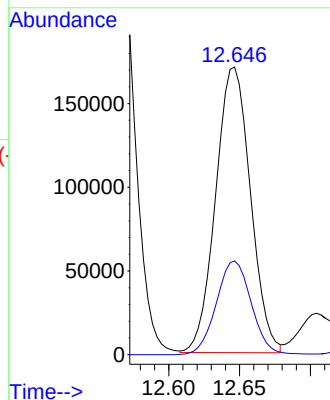
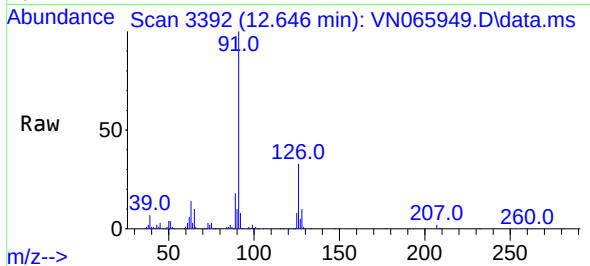
#79  
2-Chlorotoluene  
Concen: 42.91 ug/l  
RT: 12.646 min Scan# 3392  
Delta R.T. 0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 91 Resp: 292011  
Ion Ratio Lower Upper  
91 100  
126 33.0 17.4 52.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

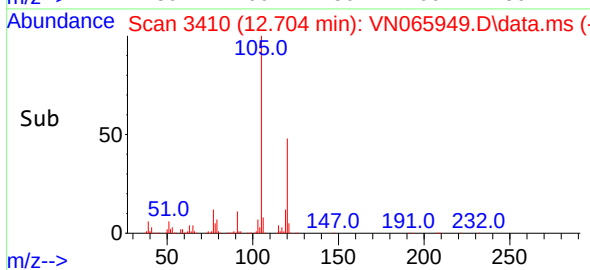
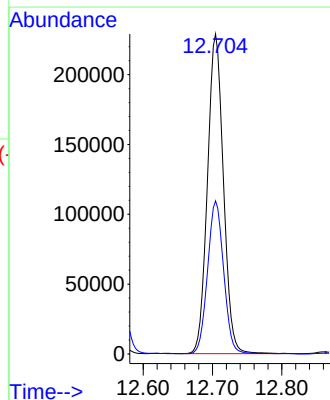
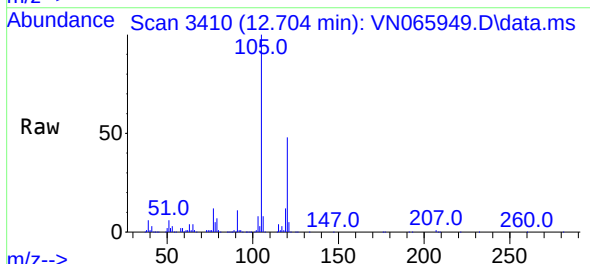
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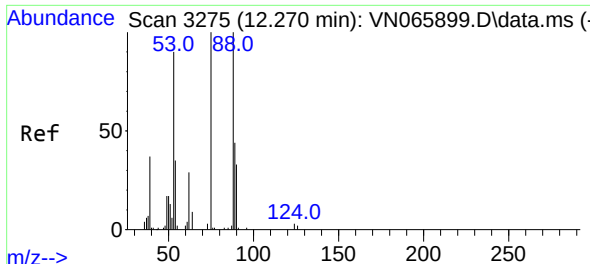
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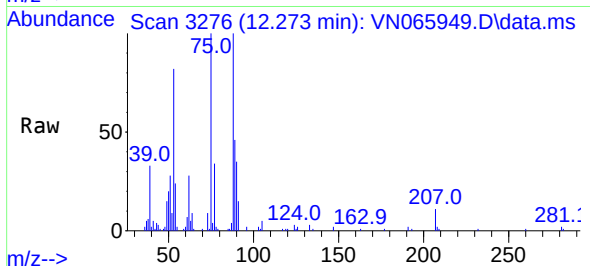
#80  
1,3,5-Trimethylbenzene  
Concen: 44.94 ug/l  
RT: 12.704 min Scan# 3410  
Delta R.T. 0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion: 105 Resp: 364492  
Ion Ratio Lower Upper  
105 100  
120 48.1 24.3 72.8



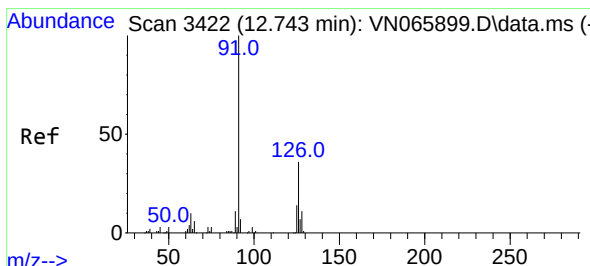
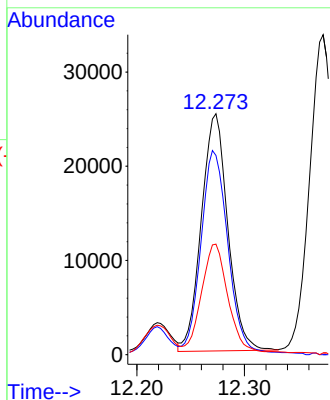
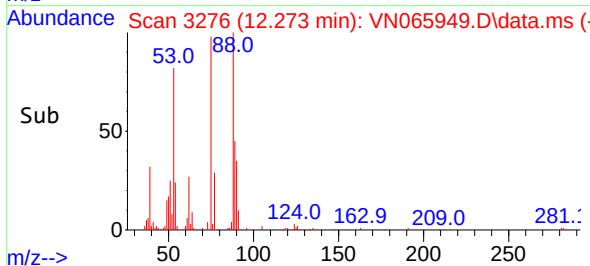


#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.82 ug/l  
RT: 12.273 min Scan# 3276  
Delta R.T. 0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

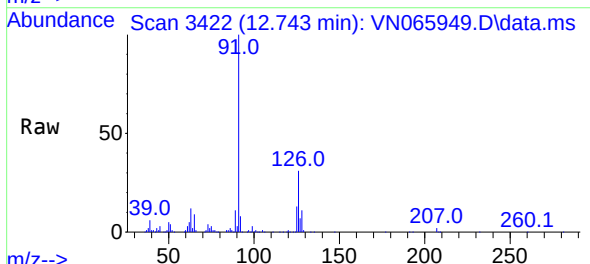


Tgt Ion: 75 Resp: 43052

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 89.2  | 74.6  | 111.8 |
| 89  | 45.2  | 35.8  | 53.8  |

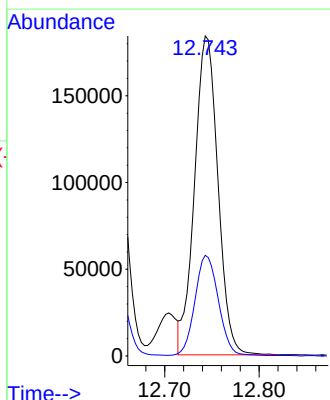
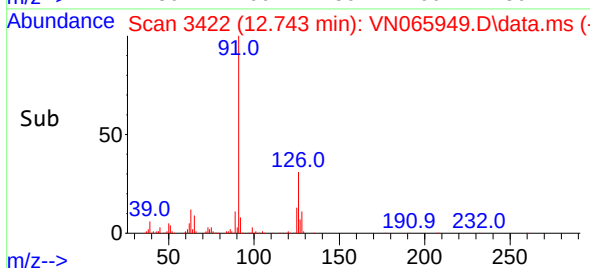


#82  
4-Chlorotoluene  
Concen: 45.94 ug/l  
RT: 12.743 min Scan# 3422  
Delta R.T. -0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30



Tgt Ion: 91 Resp: 315716

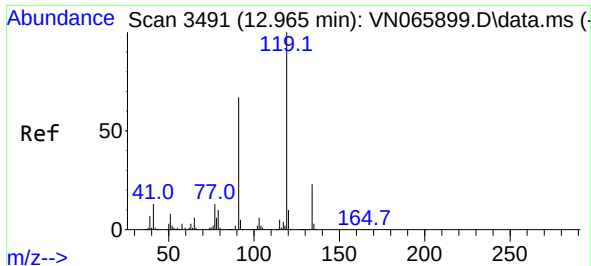
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 31.5  | 17.2  | 51.6  |



Instrument :  
MSVOA\_N  
ClientSampleId :  
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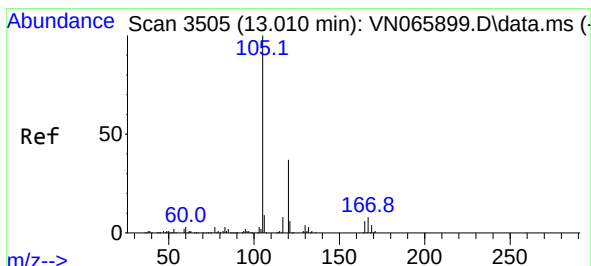
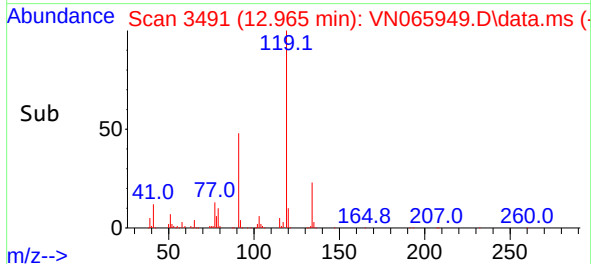
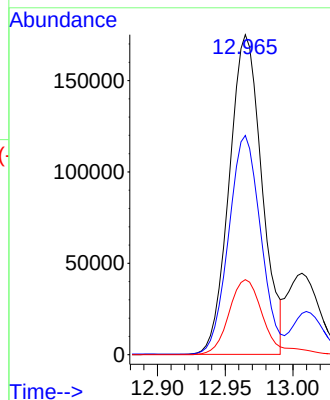
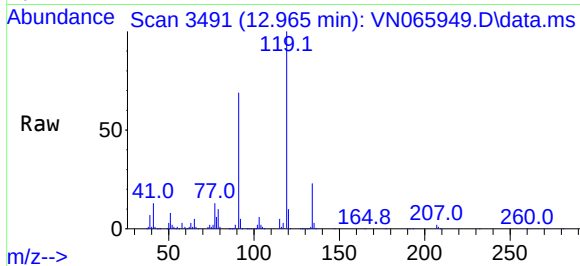
#83  
tert-Butylbenzene  
Concen: 43.71 ug/l  
RT: 12.965 min Scan# 3491  
Delta R.T. -0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion:119 Resp: 292944  
Ion Ratio Lower Upper  
119 100  
91 67.7 33.0 98.9  
134 25.1 12.7 38.1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

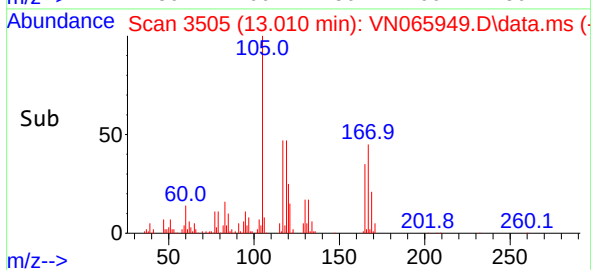
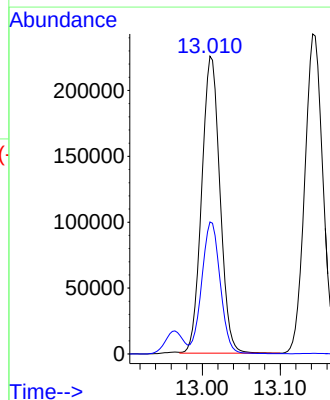
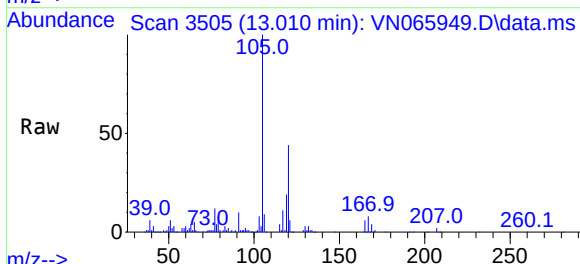
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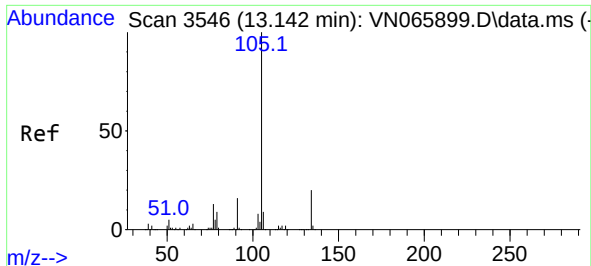
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#84  
1,2,4-Trimethylbenzene  
Concen: 45.02 ug/l  
RT: 13.010 min Scan# 3505  
Delta R.T. -0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion:105 Resp: 366592  
Ion Ratio Lower Upper  
105 100  
120 45.1 22.4 67.0





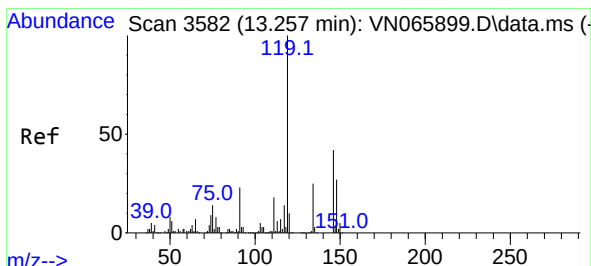
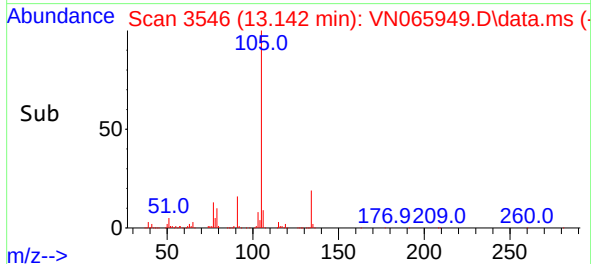
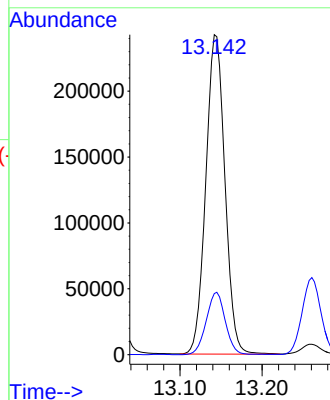
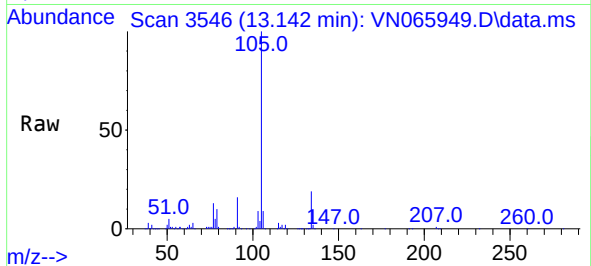
#85  
sec-Butylbenzene  
Concen: 45.16 ug/l  
RT: 13.142 min Scan# 3546  
Delta R.T. -0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion:105 Resp: 392888  
Ion Ratio Lower Upper  
105 100  
134 19.6 10.0 30.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

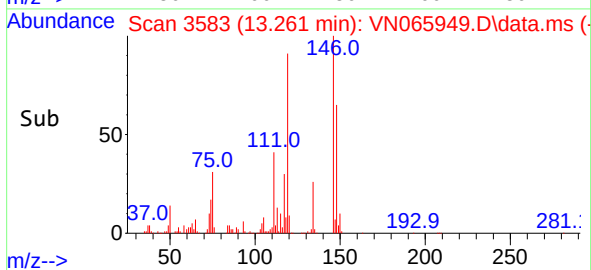
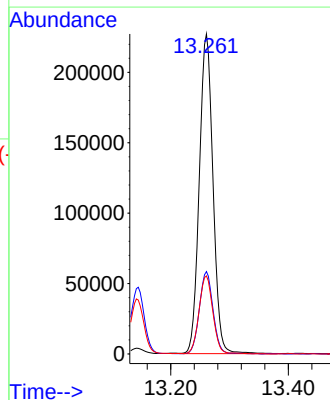
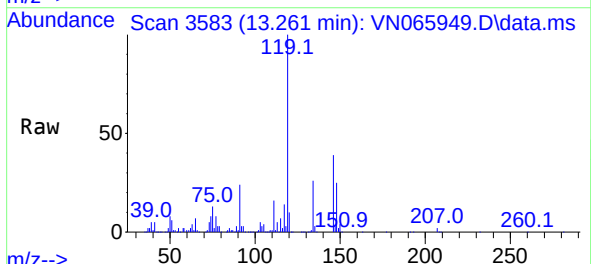
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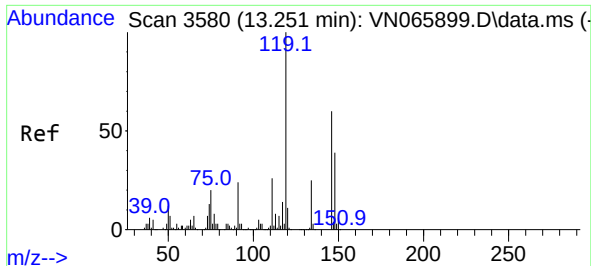
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#86  
p-Isopropyltoluene  
Concen: 46.25 ug/l  
RT: 13.261 min Scan# 3583  
Delta R.T. 0.004 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion:119 Resp: 365332  
Ion Ratio Lower Upper  
119 100  
134 25.4 13.3 39.8  
91 24.6 11.8 35.3





#87

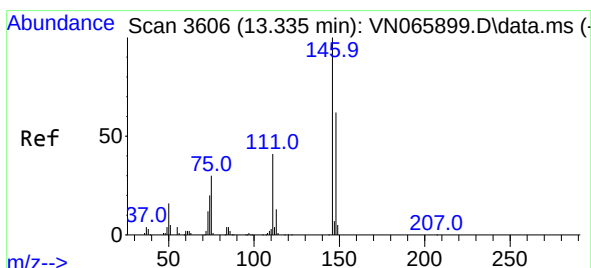
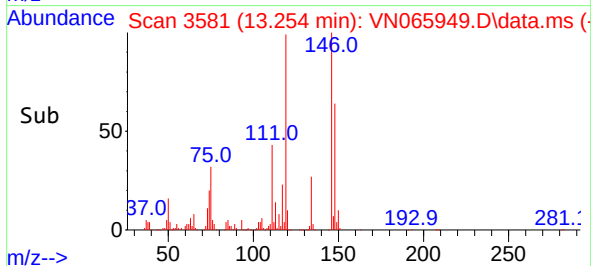
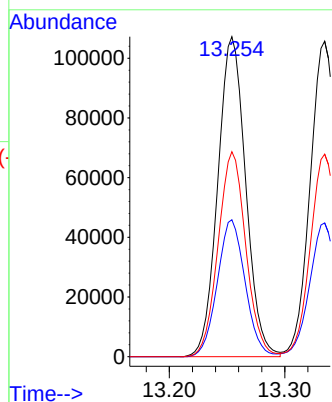
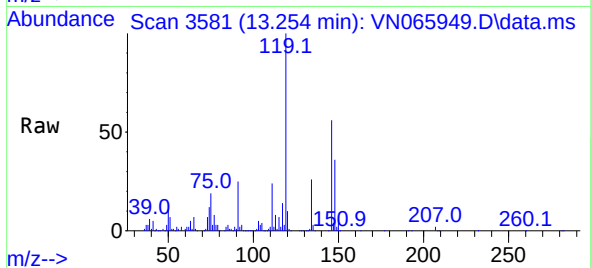
1,3-Dichlorobenzene  
Concen: 46.55 ug/l  
RT: 13.254 min Scan# 3581  
Delta R.T. 0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion:146 Resp: 179985  
Ion Ratio Lower Upper  
146 100  
111 42.7 19.5 58.5  
148 63.8 32.3 96.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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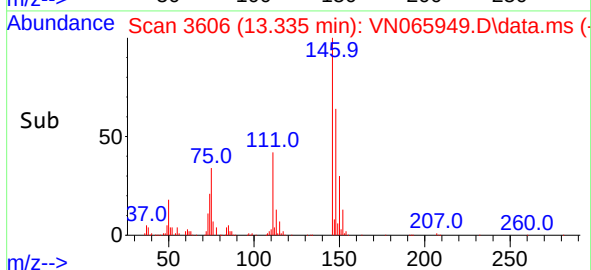
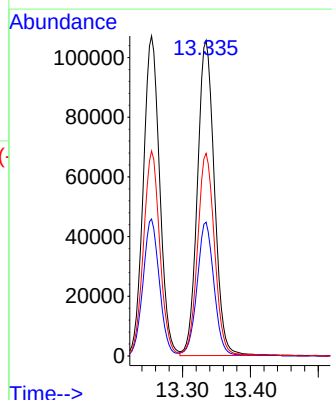
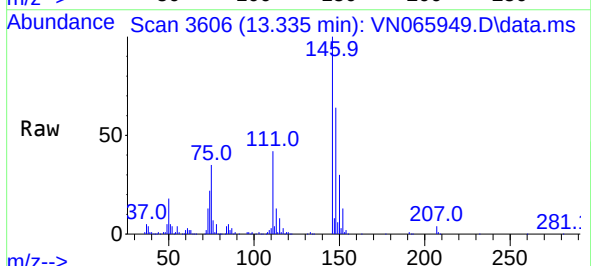
MMDadoda  
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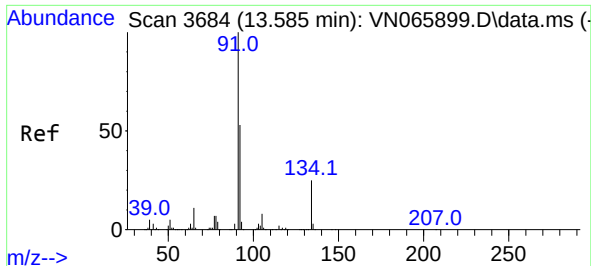
#88

1,4-Dichlorobenzene  
Concen: 46.47 ug/l  
RT: 13.335 min Scan# 3606  
Delta R.T. -0.000 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

Tgt Ion:146 Resp: 183541  
Ion Ratio Lower Upper  
146 100  
111 41.4 19.0 57.0  
148 63.4 31.8 95.3







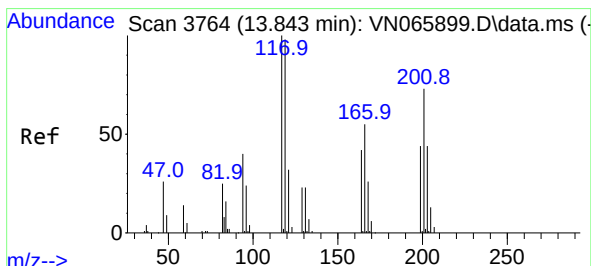
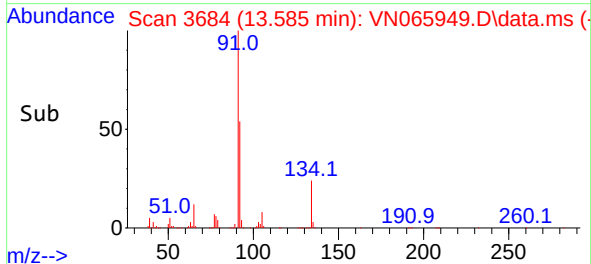
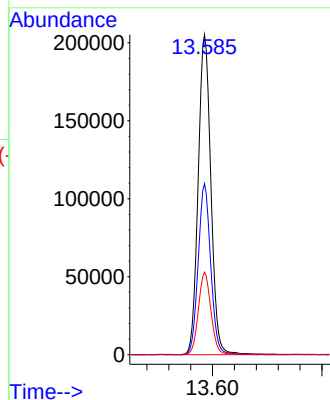
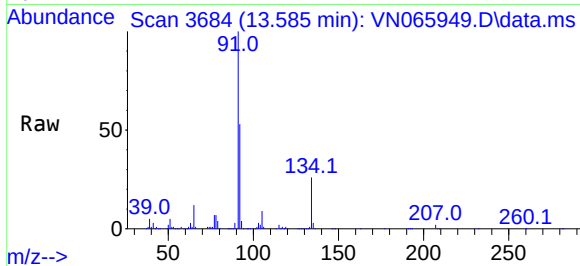
#89  
n-Butylbenzene  
Concen: 49.72 ug/l  
RT: 13.585 min Scan# 3684  
Delta R.T. 0.000 min  
Lab File: VN065949.D  
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Tgt Ion: 91 Resp: 331116  
Ion Ratio Lower Upper  
91 100  
92 52.6 26.1 78.3  
134 25.6 13.0 38.9

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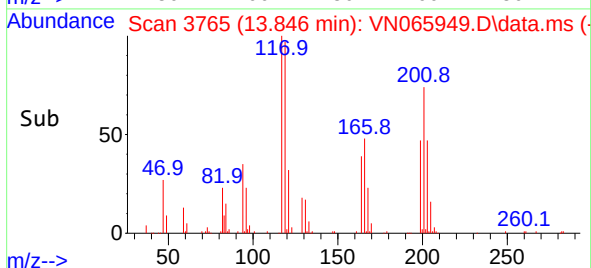
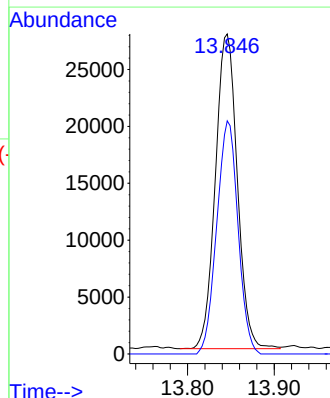
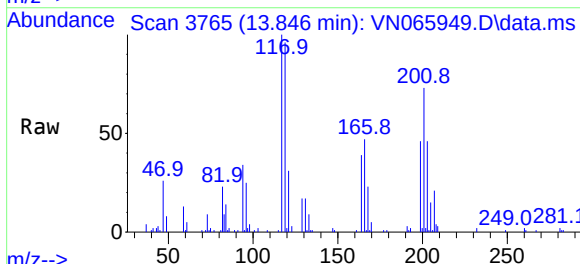
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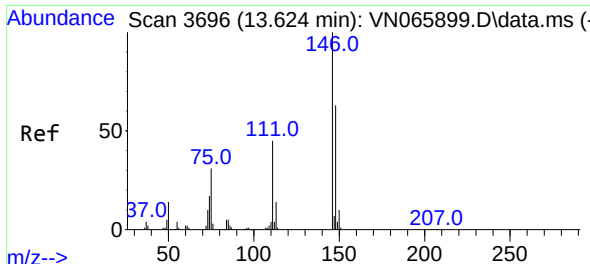
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#90  
Hexachloroethane  
Concen: 36.36 ug/l  
RT: 13.846 min Scan# 3765  
Delta R.T. 0.003 min  
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Tgt Ion: 117 Resp: 48621  
Ion Ratio Lower Upper  
117 100  
201 71.7 37.8 113.3





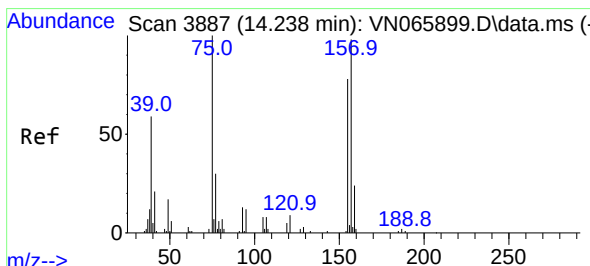
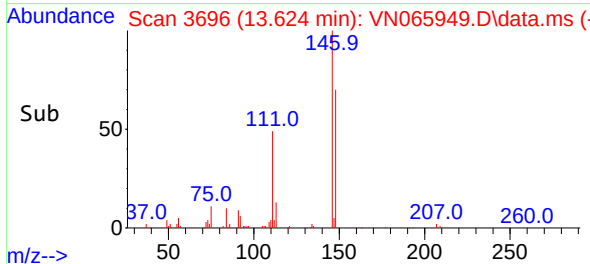
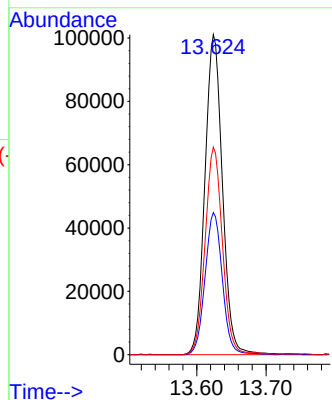
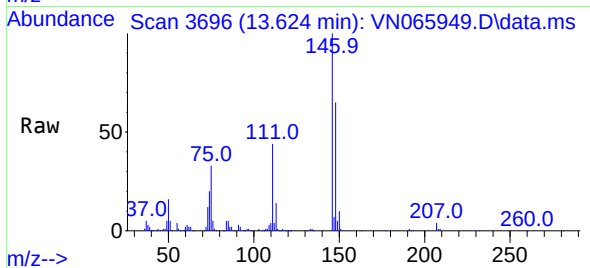
#91  
1,2-Dichlorobenzene  
Concen: 45.57 ug/l  
RT: 13.624 min Scan# 3696  
Delta R.T. -0.000 min  
Lab File: VN065949.D  
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Tgt Ion:146 Resp: 176665  
Ion Ratio Lower Upper  
146 100  
111 43.9 20.1 60.3  
148 64.6 32.0 96.0

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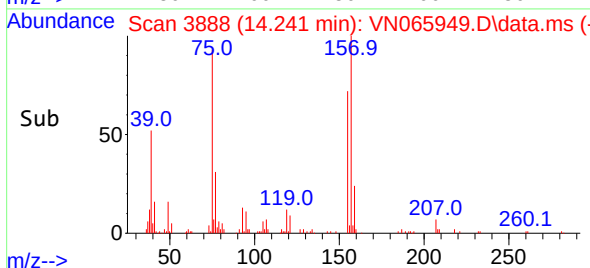
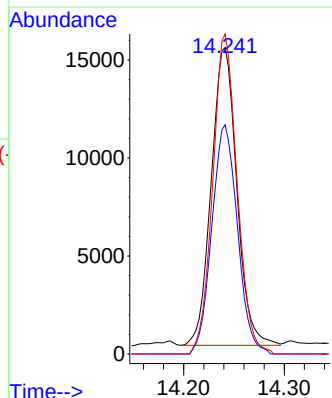
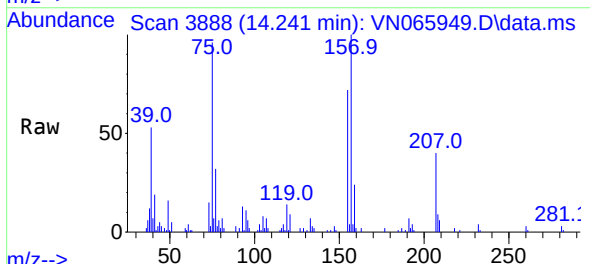
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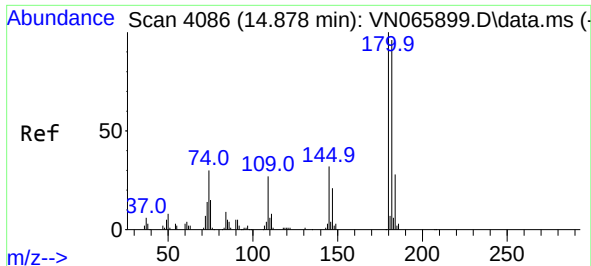
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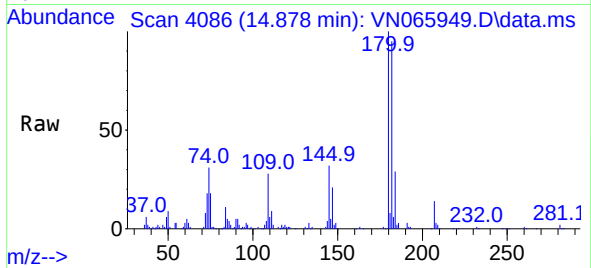
#92  
1,2-Dibromo-3-Chloropropane  
Concen: 48.30 ug/l  
RT: 14.241 min Scan# 3888  
Delta R.T. 0.003 min  
Lab File: VN065949.D  
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Tgt Ion: 75 Resp: 26799  
Ion Ratio Lower Upper  
75 100  
155 77.1 44.1 132.4  
157 102.6 56.0 168.2

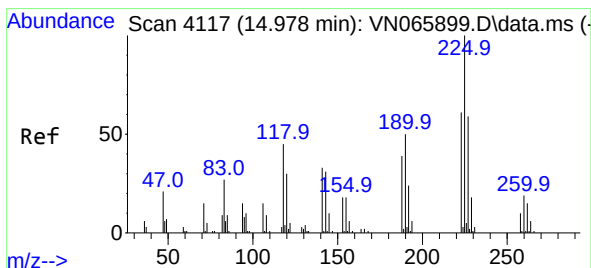
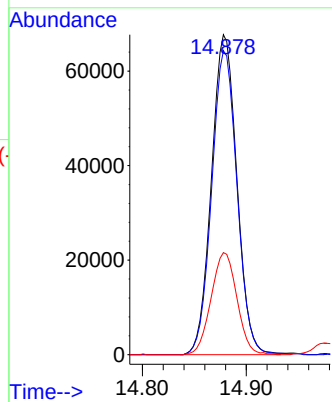
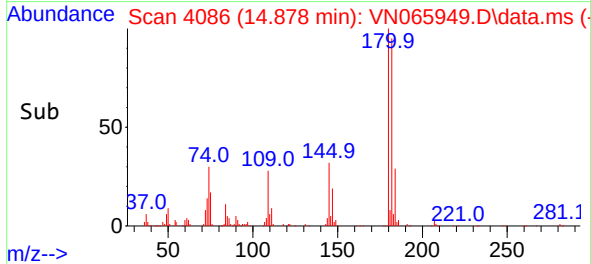




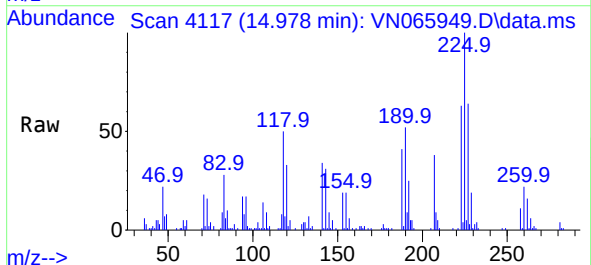
#93  
1,2,4-Trichlorobenzene  
Concen: 54.76 ug/l  
RT: 14.878 min Scan# 4086  
Delta R.T. -0.000 min  
Lab File: VN065949.D  
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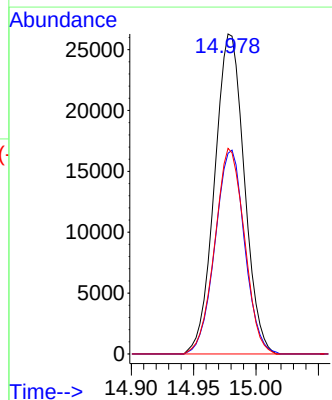
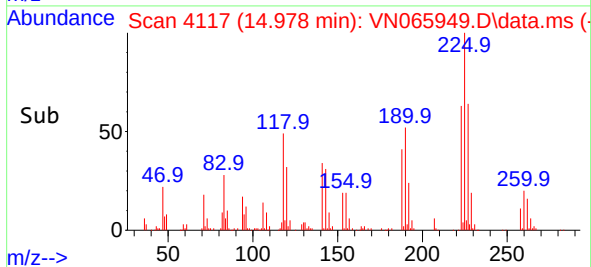
Tgt Ion:180 Resp: 115076  
Ion Ratio Lower Upper  
180 100  
182 94.9 47.3 142.0  
145 32.4 15.6 46.8



#94  
Hexachlorobutadiene  
Concen: 48.40 ug/l  
RT: 14.978 min Scan# 4117  
Delta R.T. -0.000 min  
Lab File: VN065949.D  
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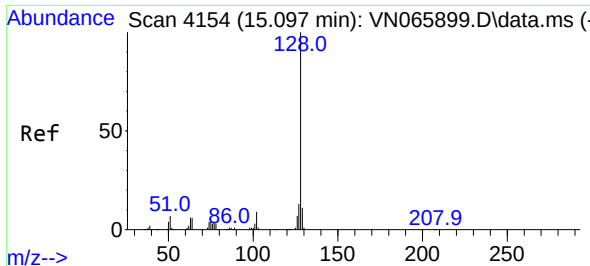
Tgt Ion:225 Resp: 43552  
Ion Ratio Lower Upper  
225 100  
223 63.4 31.9 95.9  
227 64.0 31.6 95.0



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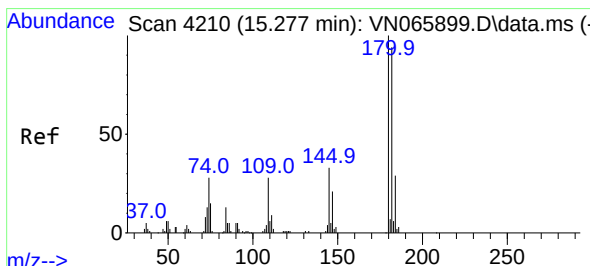
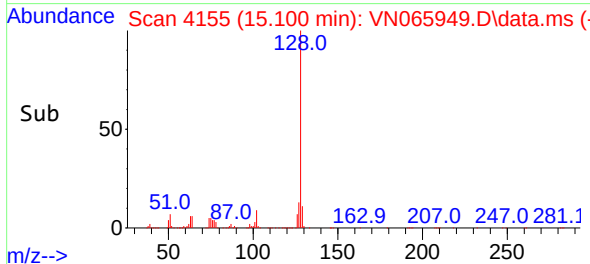
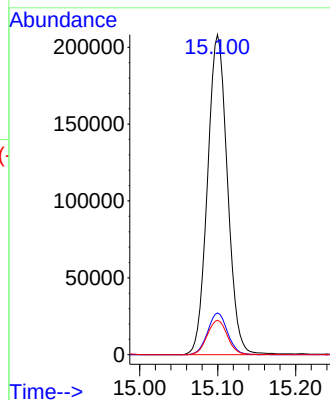
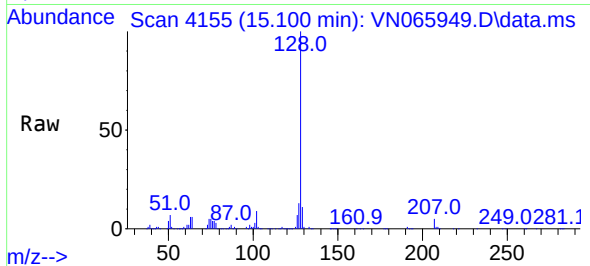
#95  
Naphthalene  
Concen: 54.33 ug/l  
RT: 15.100 min Scan# 4155  
Delta R.T. 0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 370543 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.0  | 10.2  | 15.2   |
| 129       | 10.9  | 8.6   | 13.0   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

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#96  
1,2,3-Trichlorobenzene  
Concen: 54.25 ug/l  
RT: 15.280 min Scan# 4211  
Delta R.T. 0.003 min  
Lab File: VN065949.D  
Acq: 22 Feb 2021 10:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 113746 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.0  | 47.4  | 142.3  |
| 145       | 34.3  | 16.5  | 49.5   |

