

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042021\  
 Data File : VN066681.D  
 Acq On : 20 Apr 2021 14:53  
 Operator : JC/MD  
 Sample : VN0420WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0420WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 4/21/2021 4:34:55 PM

Quant Time: Apr 21 10:07:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N042021W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Apr 20 12:52:17 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|--------|--------|----------|
| -----                        |                |      |            |        |        |          |
| Internal Standards           |                |      |            |        |        |          |
| 1) Bromochloromethane        | 7.114          | 128  | 46793      | 30.00  | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.519          | 114  | 241494     | 30.00  | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.348         | 117  | 226810     | 30.00  | ug/l   | 0.00     |
|                              |                |      |            |        |        |          |
| System Monitoring Compounds  |                |      |            |        |        |          |
| 27) 1,2-Dichloroethane-d4    | 7.953          | 65   | 100357     | 29.77  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 110 |      | Recovery = | 99.23% |        |          |
| 60) 4-Bromofluorobenzene     | 12.346         | 95   | 104449     | 29.38  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 63 - 112 |      | Recovery = | 97.93% |        |          |
| 63) Toluene-d8               | 10.029         | 98   | 312006     | 29.90  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 112 |      | Recovery = | 99.67% |        |          |
|                              |                |      |            |        |        |          |
| Target Compounds             |                |      |            |        |        |          |
|                              |                |      |            |        |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.835          | 85   | 41526      | 18.02  | ug/l   | 97       |
| 3) Chloromethane             | 2.034          | 50   | 65947      | 18.40  | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.163          | 62   | 61946      | 18.13  | ug/l   | 100      |
| 5) Bromomethane              | 2.517          | 94   | 39972      | 19.90  | ug/l   | 95       |
| 6) Chloroethane              | 2.662          | 64   | 37922      | 18.19  | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 2.973          | 101  | 69045      | 18.14  | ug/l   | 97       |
| 8) Diethyl Ether             | 3.356          | 74   | 31898      | 18.88  | ug/l   | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 3.697          | 101  | 43944      | 18.21  | ug/l   | 99       |
| 10) 1,1-Dichloroethene       | 3.675          | 96   | 43703      | 17.97  | ug/l   | 98       |
| 11) Methyl Iodide            | 3.887          | 142  | 66527      | 18.06  | ug/l   | 97       |
| 12) Methyl Acetate           | 4.252          | 43   | 62141      | 18.74  | ug/l   | 100      |
| 13) Acrolein                 | 3.549          | 56   | 44773      | 95.49  | ug/l   | 96       |
| 14) Acrylonitrile            | 4.896          | 53   | 139525     | 95.77  | ug/l   | 98       |
| 15) Acetone                  | 3.756          | 58   | 35556      | 92.98  | ug/l   | 90       |
| 16) Carbon Disulfide         | 3.986          | 76   | 134539     | 17.94  | ug/l   | 99       |
| 17) Allyl chloride           | 4.247          | 41   | 88619      | 18.38  | ug/l   | 93       |
| 18) Methylene Chloride       | 4.475          | 84   | 58995      | 18.96  | ug/l   | 99       |
| 19) trans-1,2-Dichloroethene | 4.957          | 96   | 49845      | 18.10  | ug/l   | 97       |
| 20) Diisopropyl ether        | 5.864          | 45   | 189413     | 18.68  | ug/l   | 94       |
| 21) 1,1-Dichloroethane       | 5.762          | 63   | 100236     | 18.39  | ug/l   | 98       |
| 22) cis-1,2-Dichloroethene   | 6.741          | 96   | 59128      | 18.51  | ug/l   | 99       |
| 23) tert-Butyl Alcohol       | 4.708          | 59   | 50367      | 101.57 | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 4.957          | 73   | 160784     | 18.96  | ug/l   | 95       |
| 25) Chloroform               | 7.291          | 83   | 96505      | 18.48  | ug/l   | 97       |
| 26) Cyclohexane              | 7.575          | 56   | 83857      | 17.89  | ug/l # | 99       |
| 29) 1,1-Dichloropropene      | 7.717          | 75   | 67728      | 17.81  | ug/l   | 97       |
| 30) 2-Butanone               | 6.749          | 43   | 173234     | 94.37  | ug/l   | 99       |
| 31) 2,2-Dichloropropane      | 6.735          | 77   | 80501      | 18.37  | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 7.492          | 97   | 79335      | 18.48  | ug/l   | 98       |
| 33) Carbon Tetrachloride     | 7.698          | 117  | 66398      | 18.31  | ug/l   | 95       |
| 34) Benzene                  | 7.969          | 78   | 229443     | 18.72  | ug/l   | 98       |
| 35) Methacrylonitrile        | 7.084          | 41   | 35698m     | 20.20  | ug/l   |          |
| 36) 1,2-Dichloroethane       | 8.052          | 62   | 74847      | 18.60  | ug/l   | 96       |
| 37) Trichloroethene          | 8.768          | 130  | 53675      | 18.42  | ug/l   | 100      |
| 38) Methylcyclohexane        | 9.015          | 83   | 81859      | 18.06  | ug/l   | 96       |
| 39) 1,2-Dichloropropane      | 9.053          | 63   | 63286      | 18.91  | ug/l   | 98       |
| 40) Dibromomethane           | 9.144          | 93   | 37846      | 18.87  | ug/l   | 99       |
| 41) Bromodichloromethane     | 9.340          | 83   | 78783      | 18.71  | ug/l   | 100      |
| 42) Vinyl Acetate            | 5.807          | 43   | 784489     | 95.34  | ug/l   | 99       |

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 Operator : JC/MD  
 Sample : VN0420WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0420WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 4/21/2021 4:34:55 PM

Quant Time: Apr 21 10:07:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N042021W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Apr 20 12:52:17 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 43) Ethyl Acetate             | 6.845  | 43   | 70852    | 17.55  | ug/l # | 83       |
| 44) Isopropyl Acetate         | 8.095  | 43   | 127454   | 18.93  | ug/l # | 88       |
| 45) 1,4-Dioxane               | 9.136  | 88   | 18712    | 381.92 | ug/l   | 96       |
| 46) Methyl methacrylate       | 9.136  | 41   | 56821    | 18.47  | ug/l   | 91       |
| 47) n-amyl Acetate            | 12.035 | 43   | 19115    | 22.51  | ug/l   | 92       |
| 48) t-1,3-Dichloropropene     | 10.324 | 75   | 83847    | 18.22  | ug/l   | 98       |
| 49) cis-1,3-Dichloropropene   | 9.777  | 75   | 93184    | 18.33  | ug/l   | 92       |
| 50) 1,1,2-Trichloroethane     | 10.501 | 97   | 56320    | 19.10  | ug/l   | 98       |
| 51) Ethyl methacrylate        | 10.372 | 69   | 74773    | 17.95  | ug/l   | 94       |
| 52) 1,3-Dichloropropane       | 10.648 | 76   | 94478    | 18.82  | ug/l   | 98       |
| 53) Dibromochloromethane      | 10.842 | 129  | 60021    | 18.82  | ug/l   | 100      |
| 54) 1,2-Dibromoethane         | 10.946 | 107  | 55655    | 18.82  | ug/l   | 100      |
| 55) 2-Chloroethyl vinyl ether | 9.632  | 63   | 53790    | 84.45  | ug/l   | 99       |
| 56) Bromoform                 | 12.073 | 173  | 41932    | 18.24  | ug/l # | 98       |
| 58) 4-Methyl-2-Pentanone      | 9.922  | 43   | 370923   | 96.02  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.694 | 43   | 231250   | 93.12  | ug/l   | 98       |
| 61) Tetrachloroethene         | 10.573 | 164  | 47950    | 19.15  | ug/l   | 99       |
| 62) Toluene                   | 10.093 | 91   | 241773   | 18.78  | ug/l   | 99       |
| 64) Chlorobenzene             | 11.375 | 112  | 144497   | 18.76  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 11.450 | 131  | 55091    | 19.06  | ug/l   | 97       |
| 66) Ethyl Benzene             | 11.456 | 91   | 252668   | 18.37  | ug/l   | 98       |
| 67) m/p-Xylenes               | 11.566 | 106  | 191181   | 37.02  | ug/l   | 98       |
| 68) o-Xylene                  | 11.893 | 106  | 94100    | 18.79  | ug/l   | 100      |
| 69) Styrene                   | 11.912 | 104  | 146220   | 18.16  | ug/l   | 98       |
| 70) Isopropylbenzene          | 12.193 | 105  | 243719   | 18.63  | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 12.448 | 83   | 86878    | 20.11  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 12.499 | 75   | 75748m   | 20.14  | ug/l   |          |
| 73) Bromobenzene              | 12.469 | 156  | 61474    | 18.58  | ug/l   | 98       |
| 74) n-propylbenzene           | 12.537 | 91   | 273154   | 17.99  | ug/l   | 100      |
| 75) 2-Chlorotoluene           | 12.617 | 91   | 170370   | 18.74  | ug/l   | 100      |
| 76) 1,3,5-Trimethylbenzene    | 12.679 | 105  | 204896   | 18.52  | ug/l   | 98       |
| 77) t-1,4-Dichloro-2-butene   | 12.250 | 75   | 19277    | 16.23  | ug/l   | 91       |
| 78) 4-Chlorotoluene           | 12.719 | 91   | 161363   | 18.11  | ug/l   | 99       |
| 79) tert-butylbenzene         | 12.936 | 119  | 170728   | 18.43  | ug/l   | 98       |
| 80) 1,2,4-Trimethylbenzene    | 12.984 | 105  | 192899   | 18.18  | ug/l   | 98       |
| 81) sec-Butylbenzene          | 13.116 | 105  | 227297   | 18.44  | ug/l   | 99       |
| 82) p-Isopropyltoluene        | 13.234 | 119  | 187769   | 17.81  | ug/l   | 98       |
| 83) 1,3-Dichlorobenzene       | 13.228 | 146  | 98553    | 17.94  | ug/l   | 100      |
| 84) 1,4-Dichlorobenzene       | 13.312 | 146  | 95575    | 18.02  | ug/l   | 95       |
| 85) n-Butylbenzene            | 13.561 | 91   | 149781   | 17.09  | ug/l   | 99       |
| 86) Hexachloroethane          | 13.816 | 117  | 39834    | 17.95  | ug/l   | 96       |
| 87) 1,2-Dichlorobenzene       | 13.599 | 146  | 101772   | 18.86  | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.221 | 75   | 12120    | 16.33  | ug/l   | 98       |
| 89) 1,2,4-Trichlorobenzene    | 14.854 | 180  | 58300    | 18.69  | ug/l   | 100      |
| 90) Hexachlorobutadiene       | 14.948 | 225  | 32039    | 18.34  | ug/l   | 99       |
| 91) Naphthalene               | 15.074 | 128  | 156539   | 20.88  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 15.251 | 180  | 56246    | 19.07  | ug/l   | 96       |

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

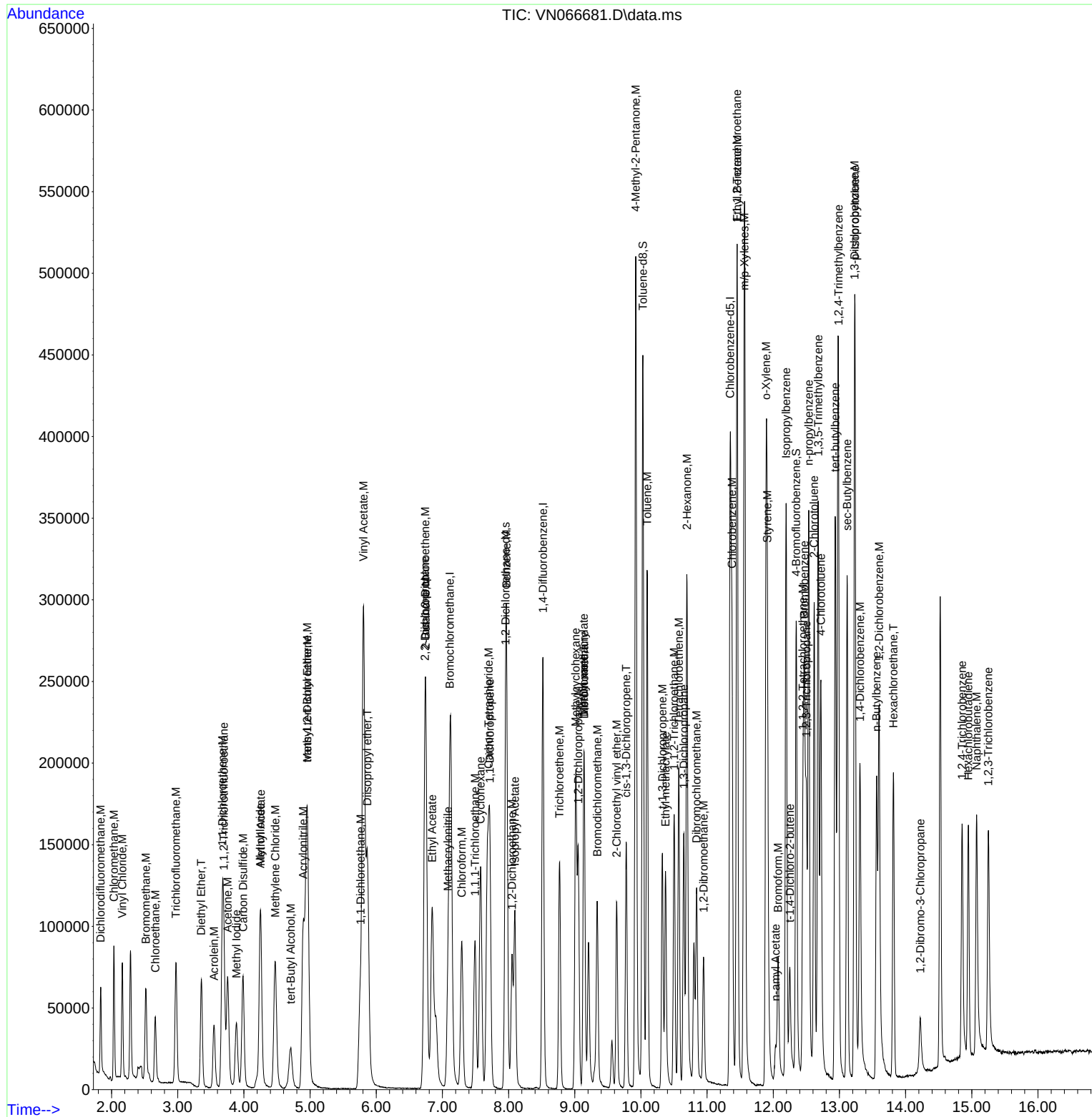
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Data File : VN066681.D  
Acq On : 20 Apr 2021 14:53  
Operator : JC/MD  
Sample : VN0420WBSD01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 11 Sample Multiplier: 1

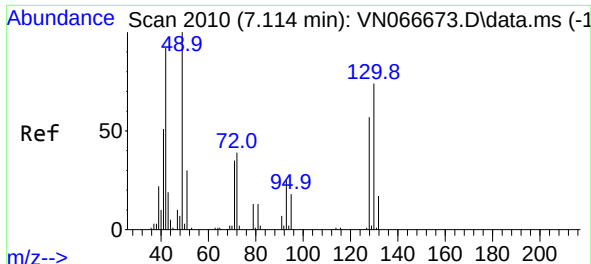
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

Manual Integrations  
APPROVED

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4/21/2021 4:34:55 PM

Quant Time: Apr 21 10:07:51 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N042021W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Tue Apr 20 12:52:17 2021  
Response via : Initial Calibration





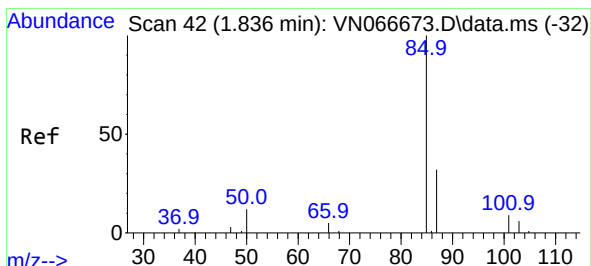
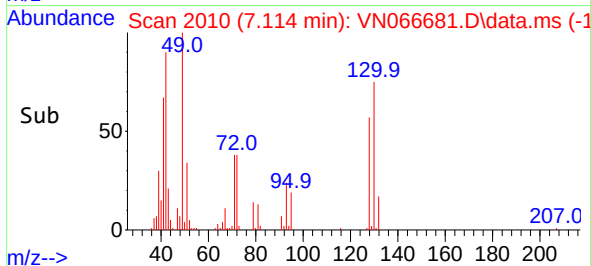
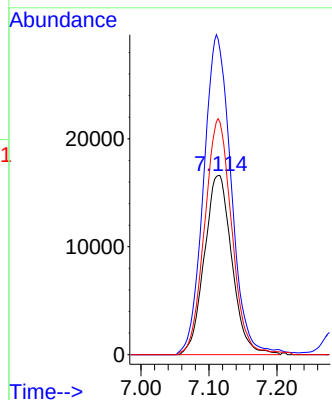
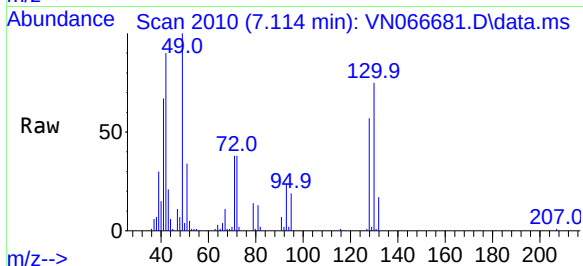
#1  
Bromochloromethane  
Concen: 30.00 ug/l  
RT: 7.114 min Scan# 2010  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion: 128 Resp: 46793  
Ion Ratio Lower Upper  
128 100  
49 177.3 0.0 429.3  
130 128.2 0.0 328.5

Instrument :  
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VN0420WBSD01

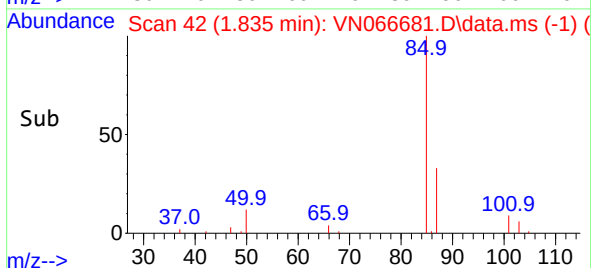
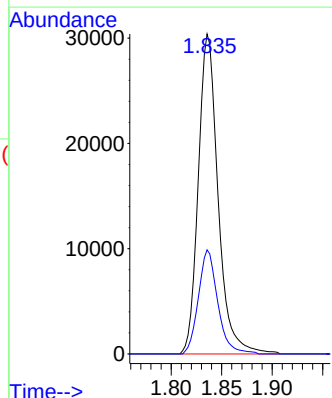
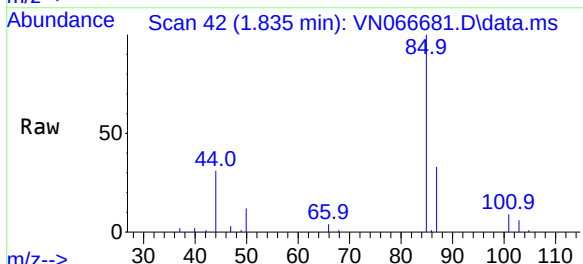
Manual Integrations  
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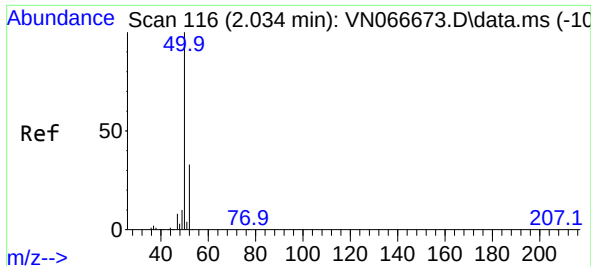
MMDadoda  
4/21/2021 4:34:55 PM



#2  
Dichlorodifluoromethane  
Concen: 18.02 ug/l  
RT: 1.835 min Scan# 42  
Delta R.T. -0.001 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

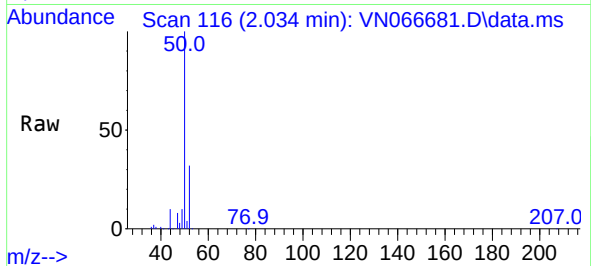
Tgt Ion: 85 Resp: 41526  
Ion Ratio Lower Upper  
85 100  
87 32.6 15.4 46.4





#3  
Chloromethane  
Concen: 18.40 ug/l  
RT: 2.034 min Scan# 116  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

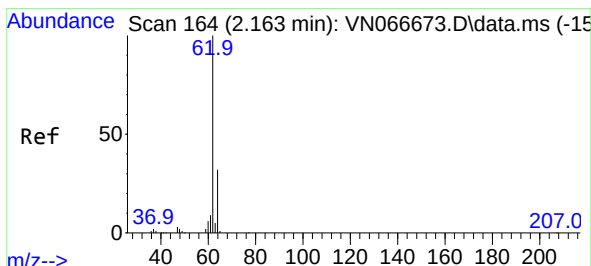
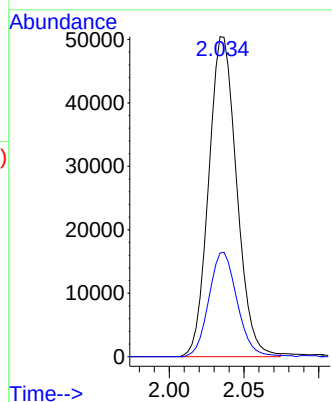
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01



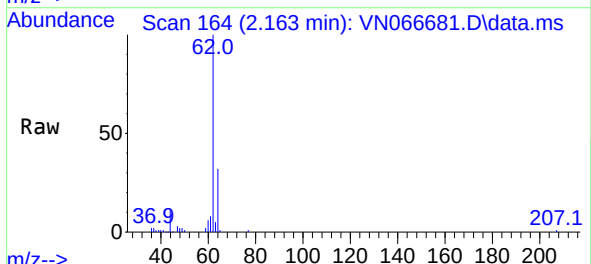
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Ion Ratio Lower Upper  
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52 32.4 26.2 39.4

Manual Integrations  
APPROVED

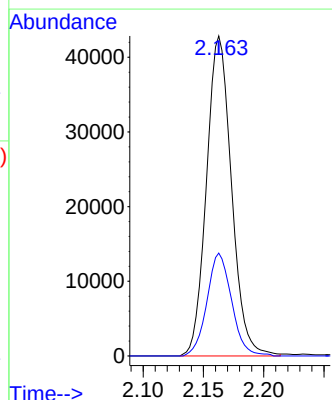
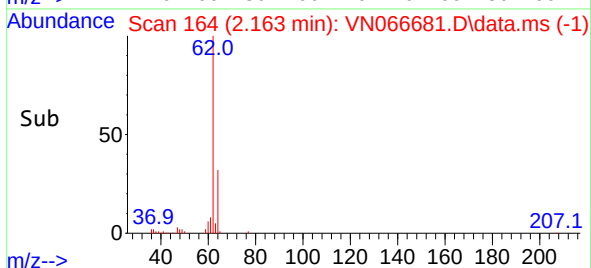
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4/21/2021 4:34:55 PM

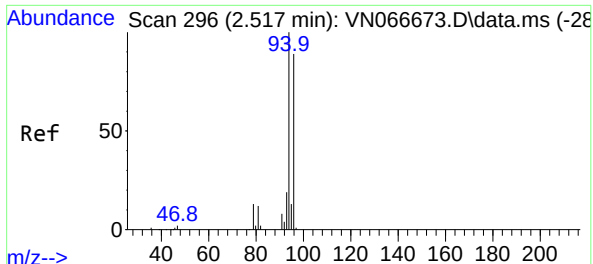


#4  
Vinyl Chloride  
Concen: 18.13 ug/l  
RT: 2.163 min Scan# 164  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

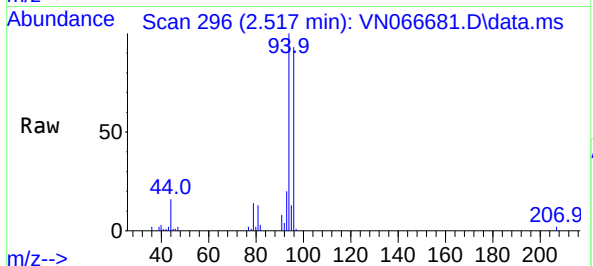


Tgt Ion: 62 Resp: 61946  
Ion Ratio Lower Upper  
62 100  
64 32.1 25.8 38.6

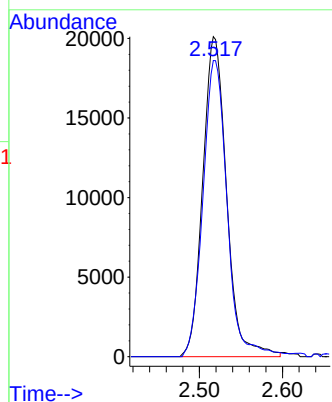
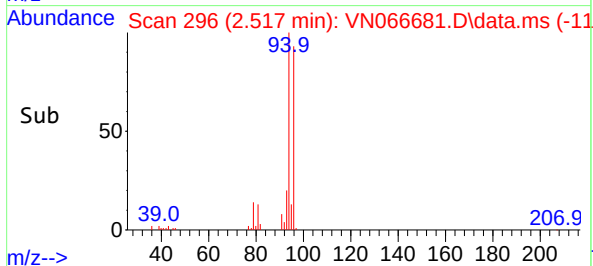




#5  
Bromomethane  
Concen: 19.90 ug/l  
RT: 2.517 min Scan# 296  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



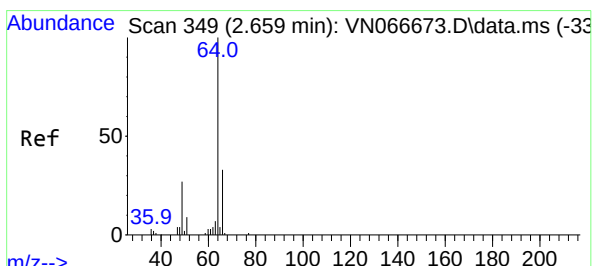
Tgt Ion: 94 Resp: 39972  
Ion Ratio Lower Upper  
94 100  
96 92.6 77.8 116.8



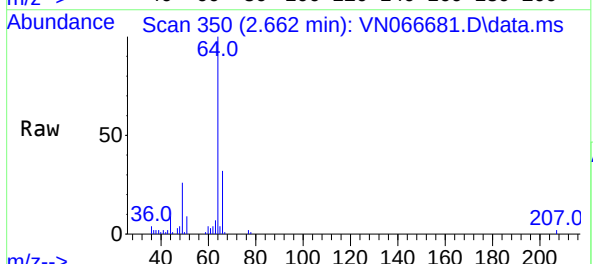
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

Manual Integrations  
APPROVED

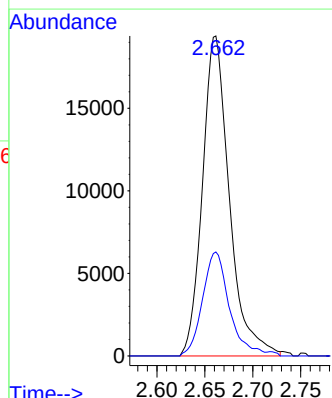
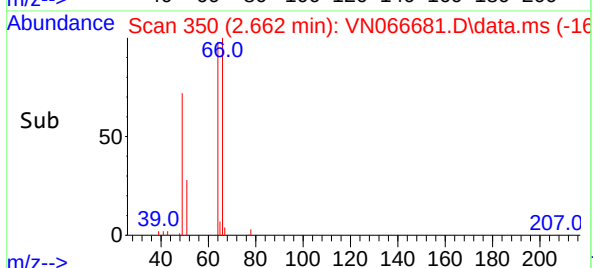
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4/21/2021 4:34:55 PM

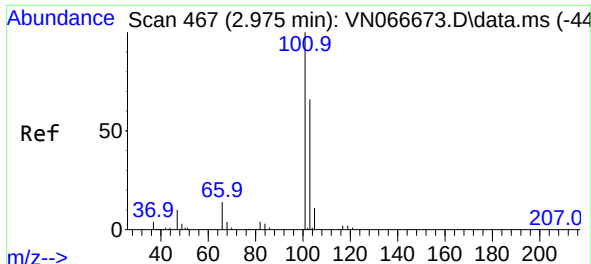


#6  
Chloroethane  
Concen: 18.19 ug/l  
RT: 2.662 min Scan# 350  
Delta R.T. 0.003 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



Tgt Ion: 64 Resp: 37922  
Ion Ratio Lower Upper  
64 100  
66 32.5 24.2 36.4





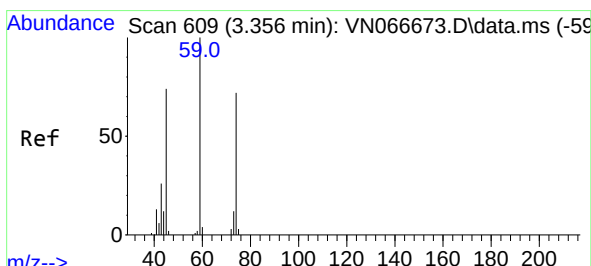
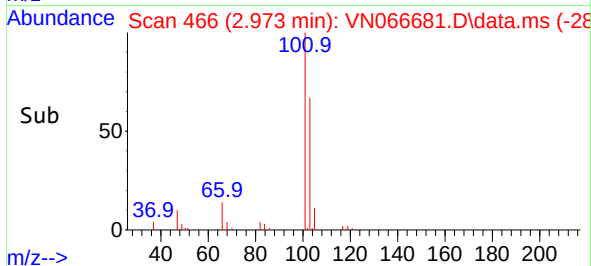
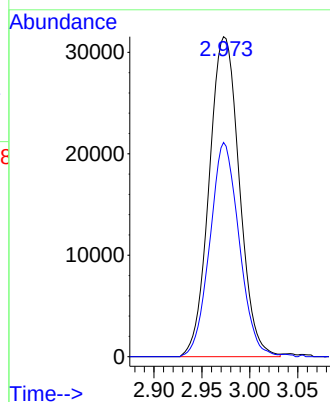
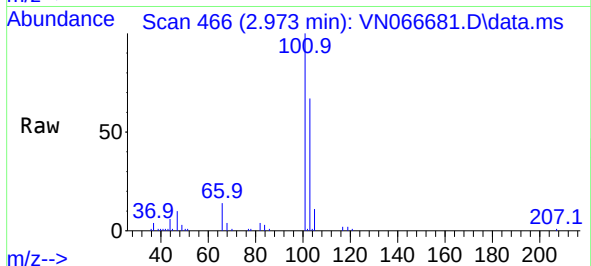
#7  
Trichlorofluoromethane  
Concen: 18.14 ug/l  
RT: 2.973 min Scan# 466  
Delta R.T. -0.002 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion:101 Resp: 69045  
Ion Ratio Lower Upper  
101 100  
103 66.9 51.6 77.4

Instrument :  
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ClientSampleId :  
VN0420WBSD01

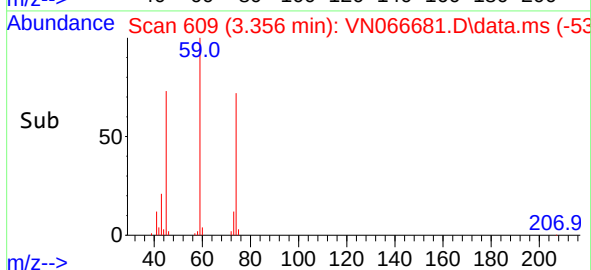
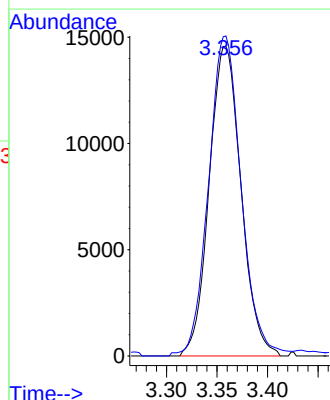
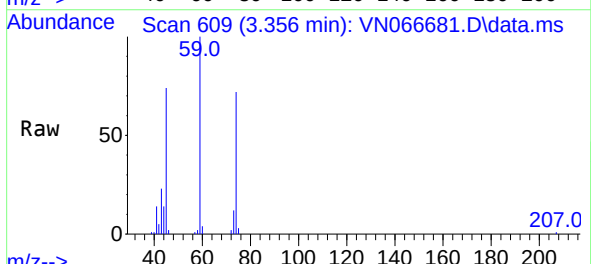
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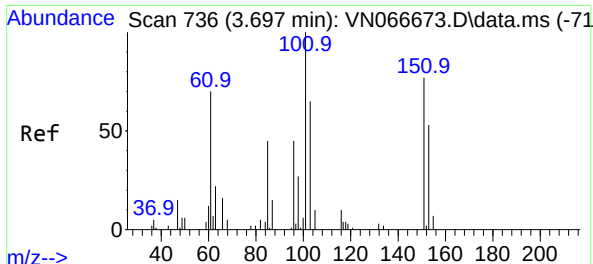
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#8  
Diethyl Ether  
Concen: 18.88 ug/l  
RT: 3.356 min Scan# 609  
Delta R.T. 0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion: 74 Resp: 31898  
Ion Ratio Lower Upper  
74 100  
45 104.0 19.6 176.4





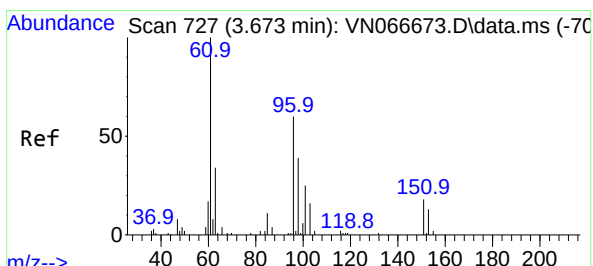
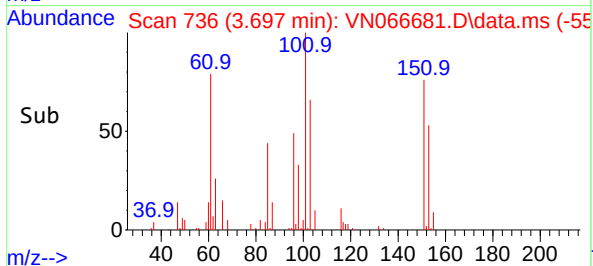
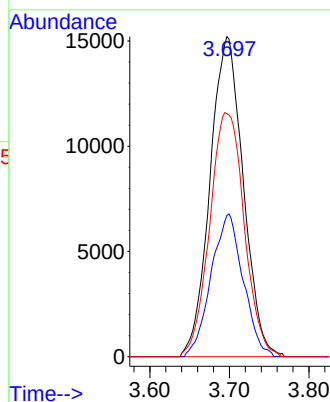
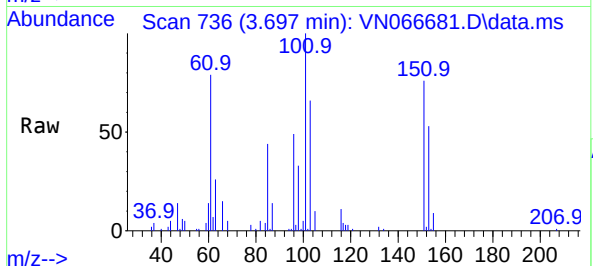
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.21 ug/l  
RT: 3.697 min Scan# 736  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 43944 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 43.2  | 0.0   | 90.6  |
| 151      | 79.4  | 0.0   | 159.0 |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

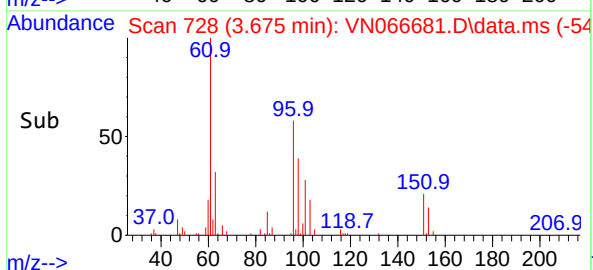
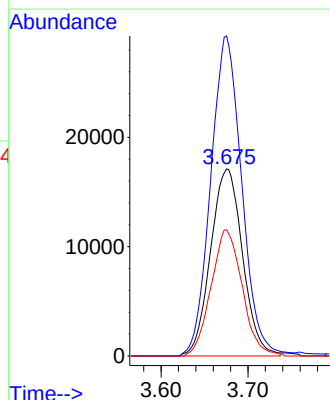
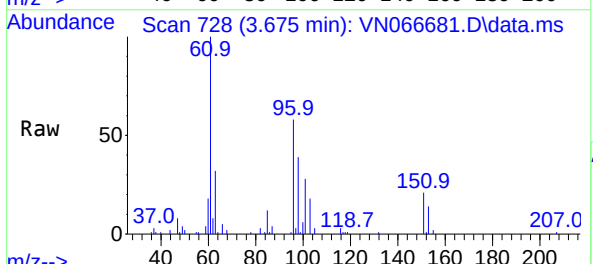
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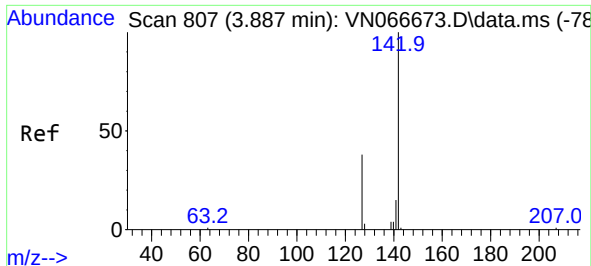


#10  
1,1-Dichloroethene  
Concen: 17.97 ug/l  
RT: 3.675 min Scan# 728  
Delta R.T. 0.002 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 43703 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 171.1 | 139.6 | 209.4 |
| 98       | 67.4  | 53.7  | 80.5  |

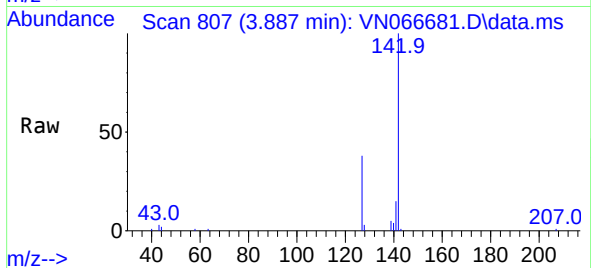






#11  
Methyl Iodide  
Concen: 18.06 ug/l  
RT: 3.887 min Scan# 807  
Delta R.T. 0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

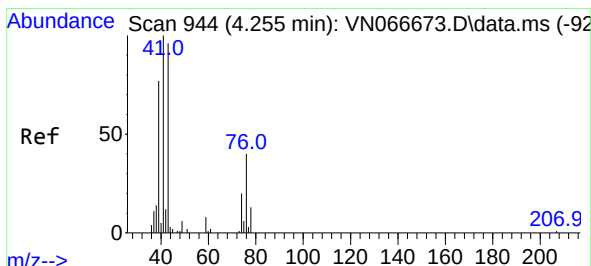
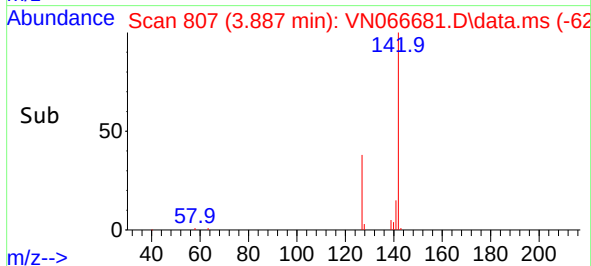
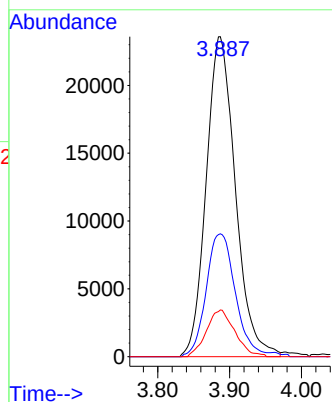


Tgt Ion: 142 Resp: 66527

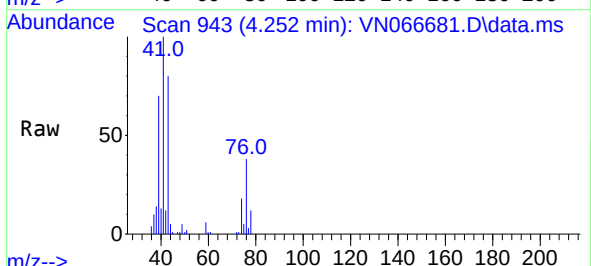
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 127 | 38.3  | 20.5  | 61.6  |
| 141 | 14.7  | 7.4   | 22.3  |

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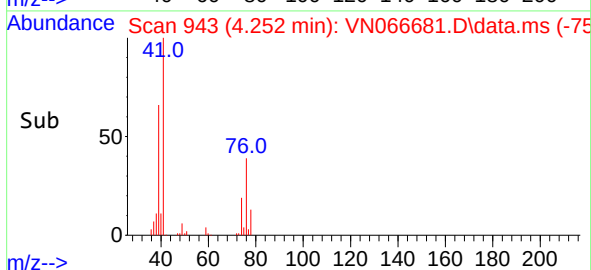
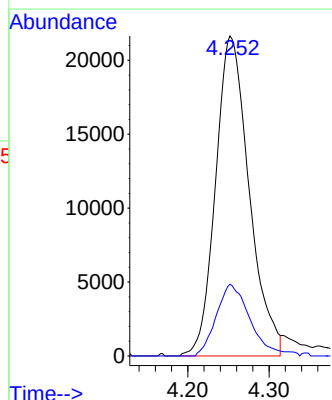


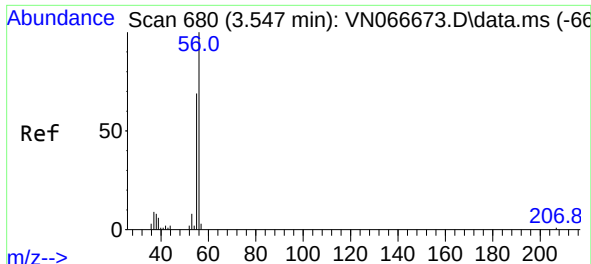
#12  
Methyl Acetate  
Concen: 18.74 ug/l  
RT: 4.252 min Scan# 943  
Delta R.T. -0.003 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



Tgt Ion: 43 Resp: 62141

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 74  | 22.3  | 18.0  | 27.0  |





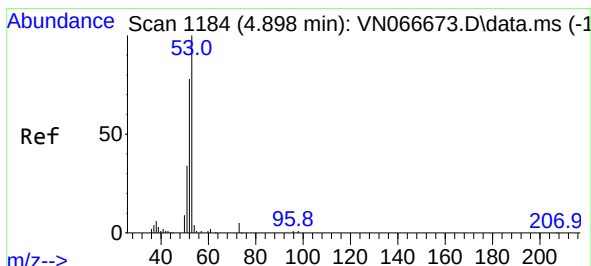
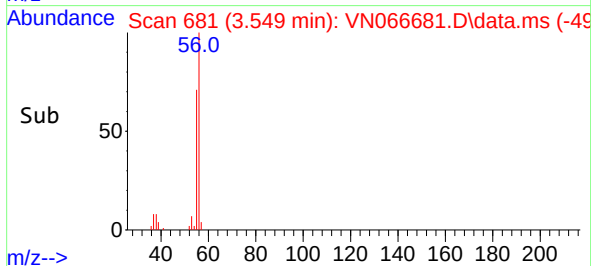
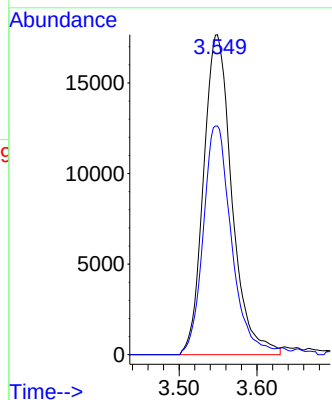
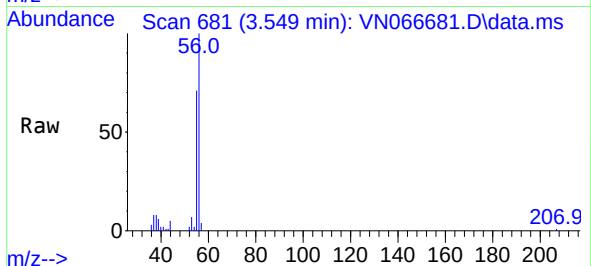
#13  
Acrolein  
Concen: 95.49 ug/l  
RT: 3.549 min Scan# 681  
Delta R.T. 0.002 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion: 56 Resp: 44773  
Ion Ratio Lower Upper  
56 100  
55 71.0 54.1 81.1

Instrument :  
MSVOA\_N  
ClientSampleId :  
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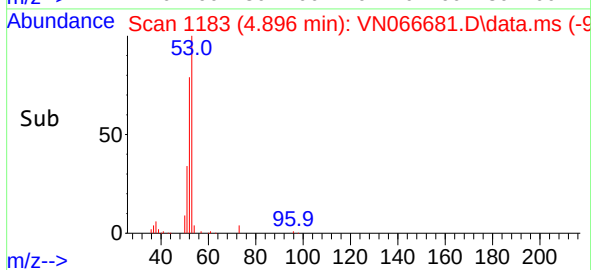
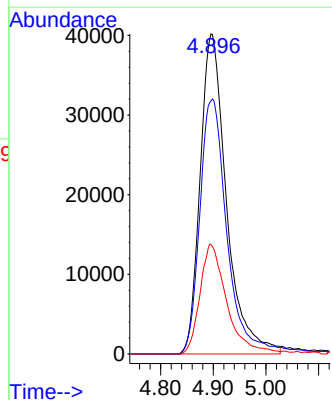
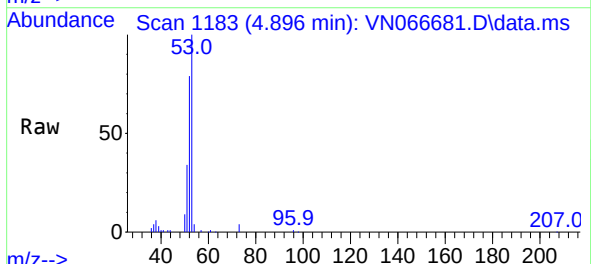
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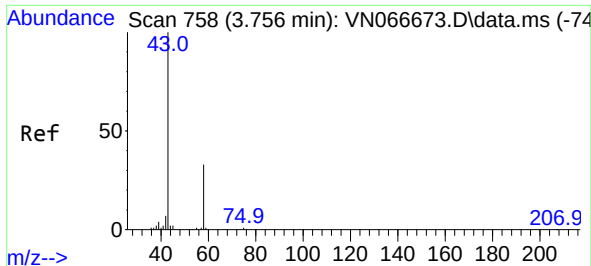
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#14  
Acrylonitrile  
Concen: 95.77 ug/l  
RT: 4.896 min Scan# 1183  
Delta R.T. -0.002 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion: 53 Resp: 139525  
Ion Ratio Lower Upper  
53 100  
52 81.0 41.0 123.0  
51 34.2 17.8 53.4





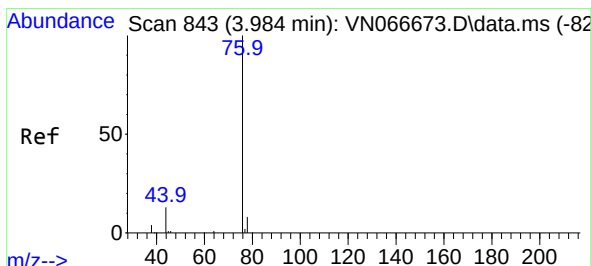
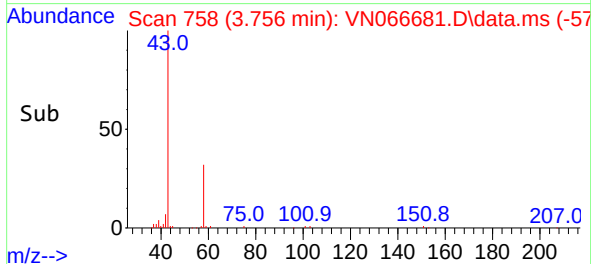
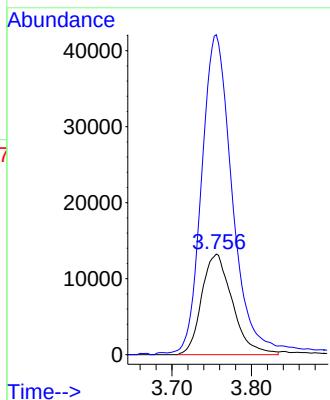
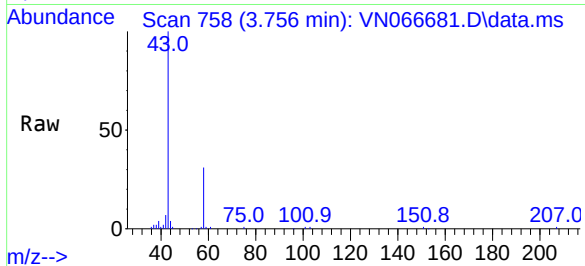
#15  
Acetone  
Concen: 92.98 ug/l  
RT: 3.756 min Scan# 758  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion: 58 Resp: 35556  
Ion Ratio Lower Upper  
58 100  
43 313.6 267.3 400.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
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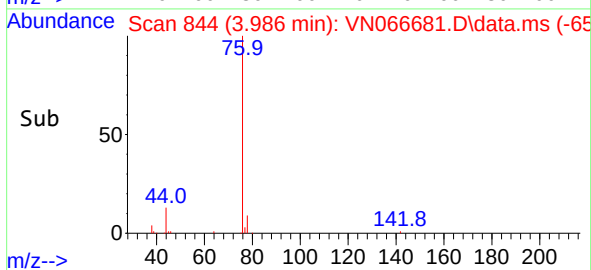
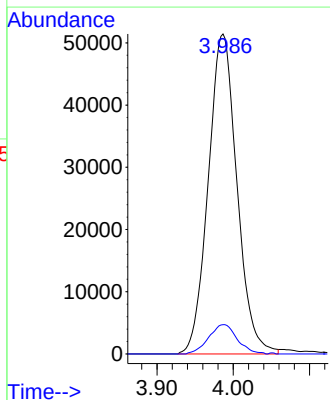
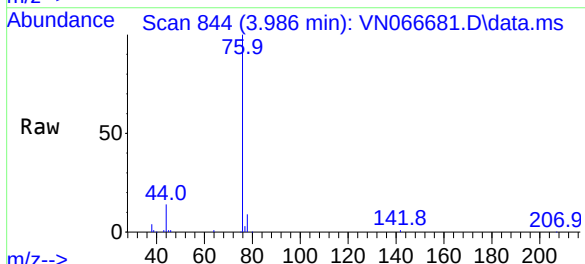
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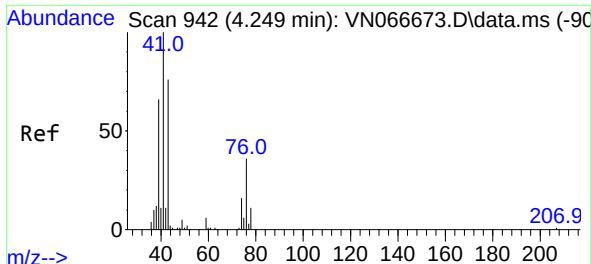
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#16  
Carbon Disulfide  
Concen: 17.94 ug/l  
RT: 3.986 min Scan# 844  
Delta R.T. 0.002 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

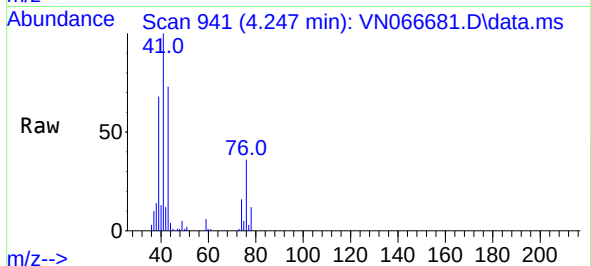
Tgt Ion: 76 Resp: 134539  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.0 10.6





#17  
 Allyl chloride  
 Concen: 18.38 ug/l  
 RT: 4.247 min Scan# 941  
 Delta R.T. -0.002 min  
 Lab File: VN066681.D  
 Acq: 20 Apr 2021 14:53

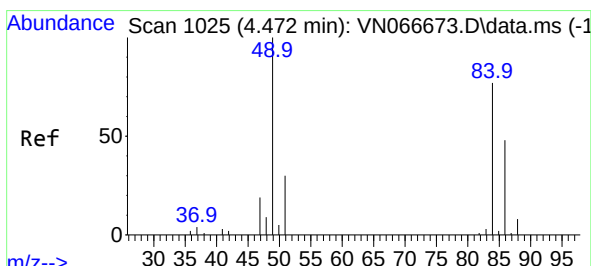
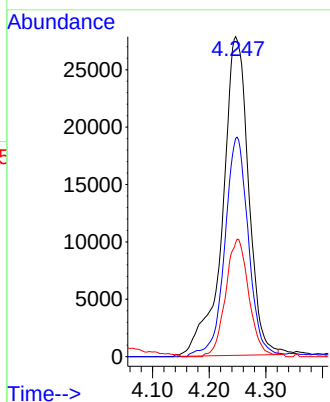
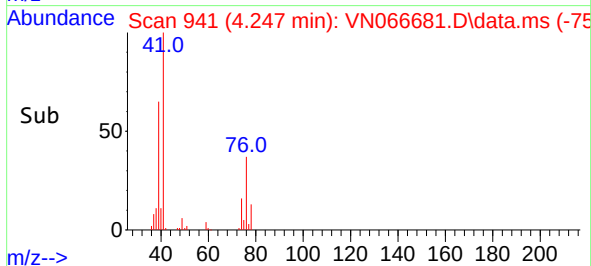
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0420WBSD01



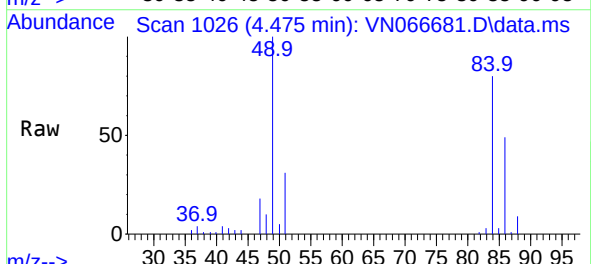
Tgt Ion: 41 Resp: 88619  
 Ion Ratio Lower Upper  
 41 100  
 39 68.6 38.6 116.0  
 76 35.2 17.6 52.8

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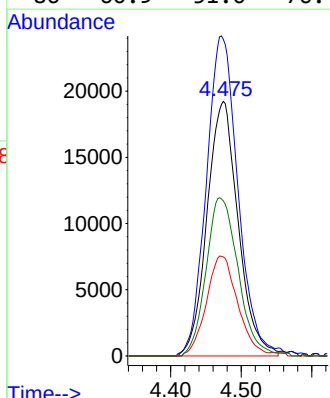
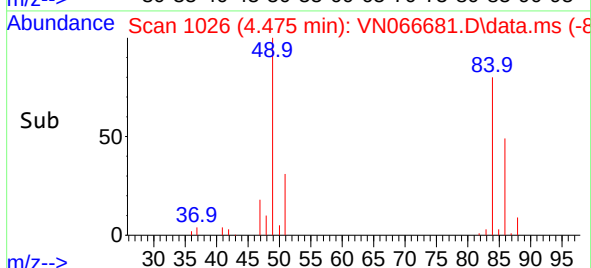
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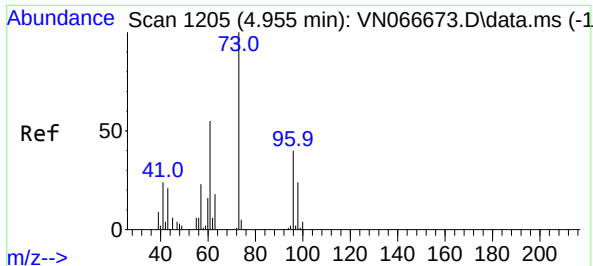


#18  
 Methylene Chloride  
 Concen: 18.96 ug/l  
 RT: 4.475 min Scan# 1026  
 Delta R.T. 0.003 min  
 Lab File: VN066681.D  
 Acq: 20 Apr 2021 14:53



Tgt Ion: 84 Resp: 58995  
 Ion Ratio Lower Upper  
 84 100  
 49 123.5 98.9 148.3  
 51 38.9 30.8 46.2  
 86 60.9 51.0 76.4





#19

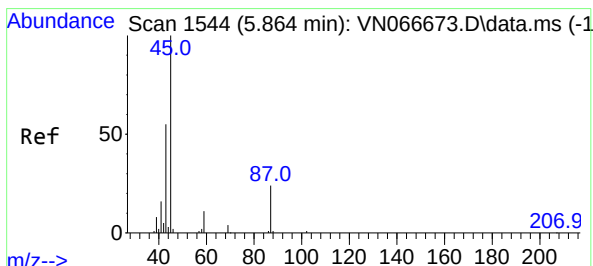
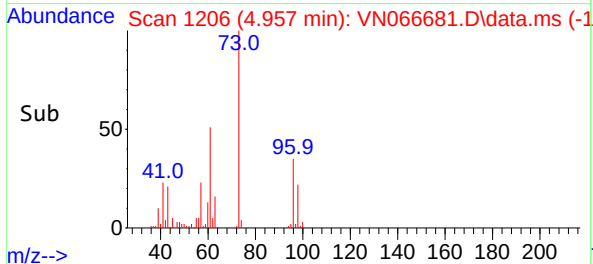
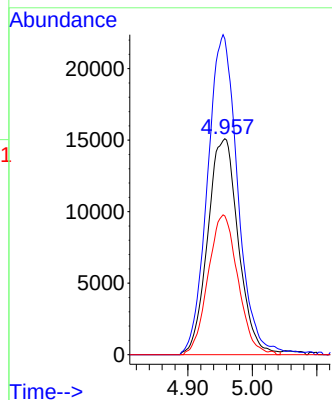
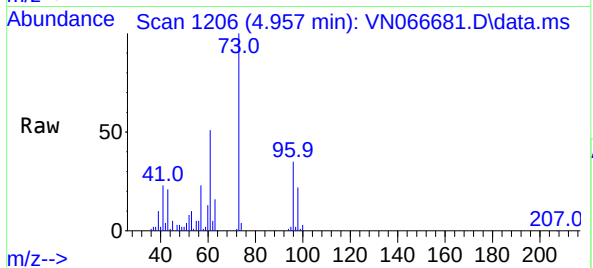
trans-1,2-Dichloroethene  
Concen: 18.10 ug/l  
RT: 4.957 min Scan# 1206  
Delta R.T. 0.002 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion: 96 Resp: 49845  
Ion Ratio Lower Upper  
96 100  
61 146.2 113.3 169.9  
98 64.3 51.4 77.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

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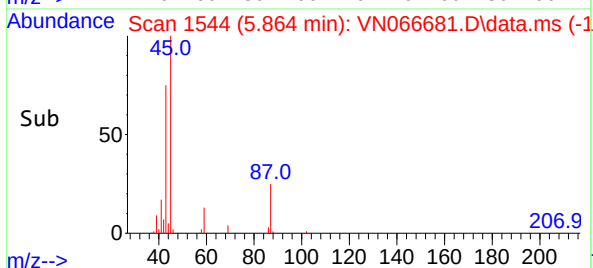
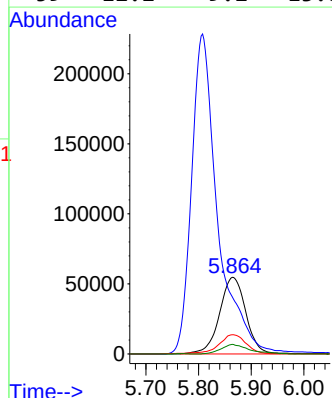
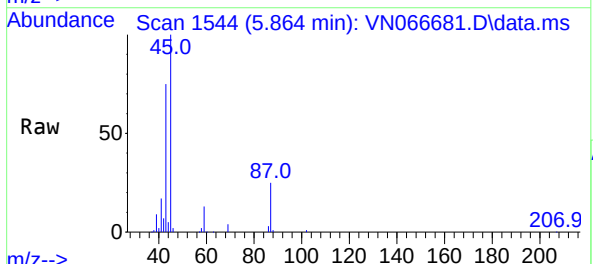
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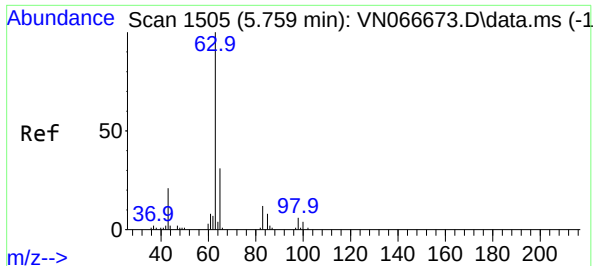


#20

Diisopropyl ether  
Concen: 18.68 ug/l  
RT: 5.864 min Scan# 1544  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion: 45 Resp: 189413  
Ion Ratio Lower Upper  
45 100  
43 70.4 51.4 77.2  
87 24.8 21.4 32.0  
59 12.2 9.2 13.8





#21

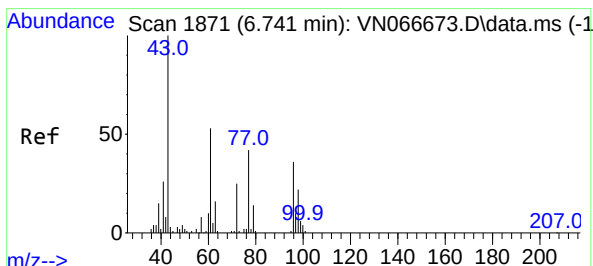
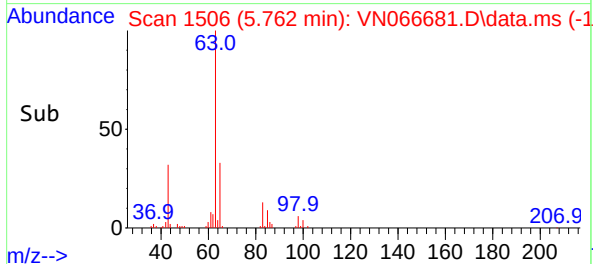
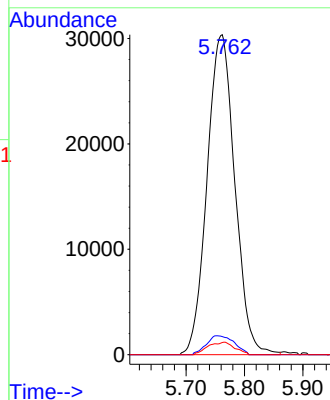
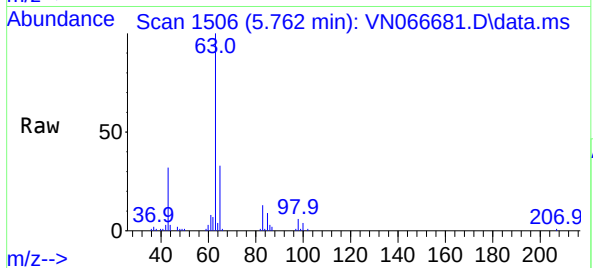
1,1-Dichloroethane  
Concen: 18.39 ug/l  
RT: 5.762 min Scan# 1506  
Delta R.T. 0.003 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion: 63 Resp: 100236  
Ion Ratio Lower Upper  
63 100  
98 5.7 3.3 9.9  
100 3.8 1.9 5.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

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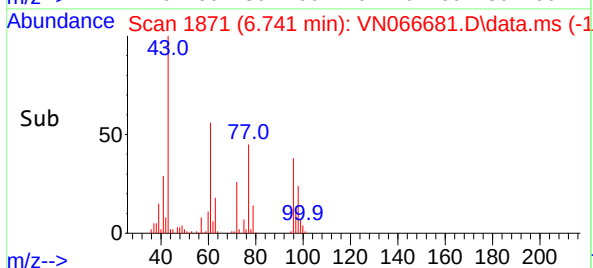
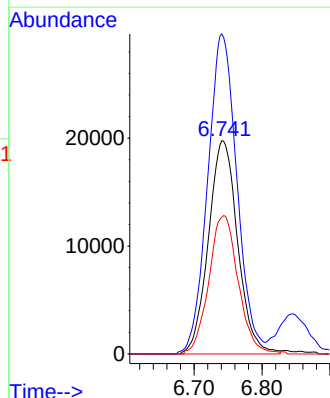
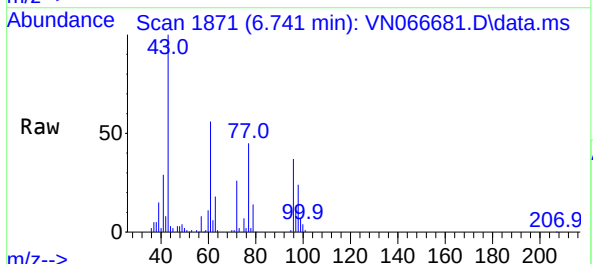
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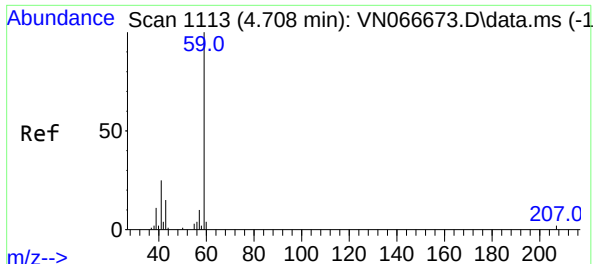


#22

cis-1,2-Dichloroethene  
Concen: 18.51 ug/l  
RT: 6.741 min Scan# 1871  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

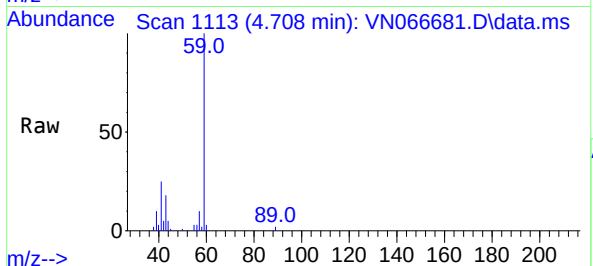
Tgt Ion: 96 Resp: 59128  
Ion Ratio Lower Upper  
96 100  
61 150.0 119.4 179.0  
98 65.1 51.5 77.3



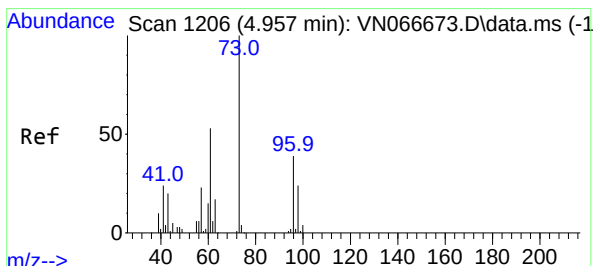
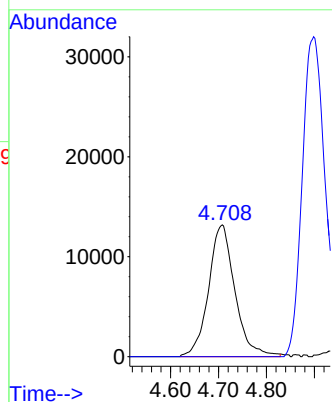
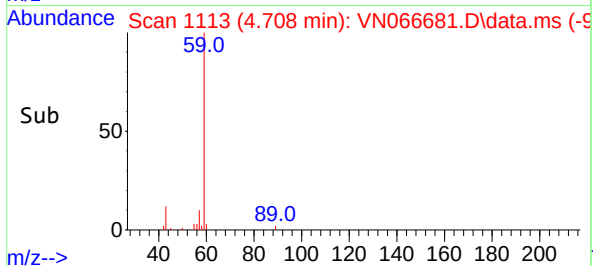


#23  
tert-Butyl Alcohol  
Concen: 101.57 ug/l  
RT: 4.708 min Scan# 1113  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

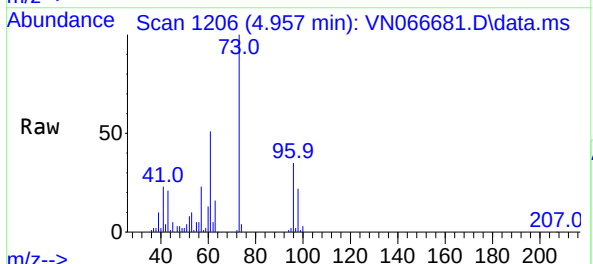
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01



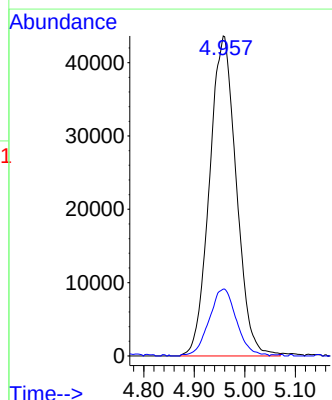
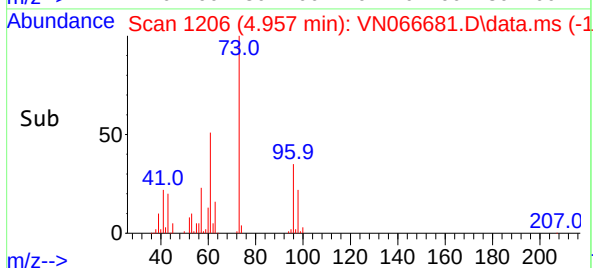
Tgt Ion: 59 Resp: 50367  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.1 0.1#

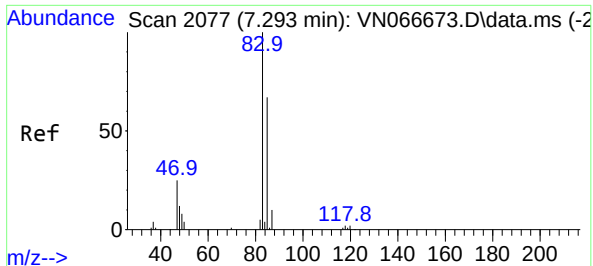


#24  
Methyl tert-Butyl Ether  
Concen: 18.96 ug/l  
RT: 4.957 min Scan# 1206  
Delta R.T. 0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



Tgt Ion: 73 Resp: 160784  
Ion Ratio Lower Upper  
73 100  
43 20.6 18.5 27.7





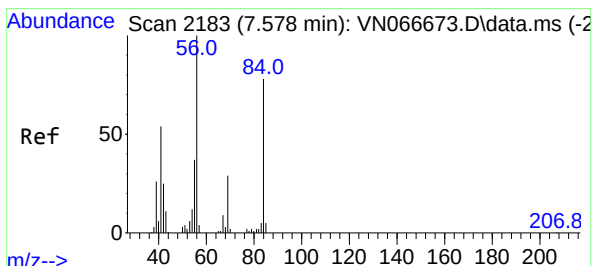
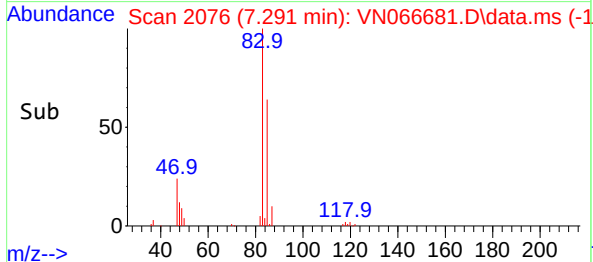
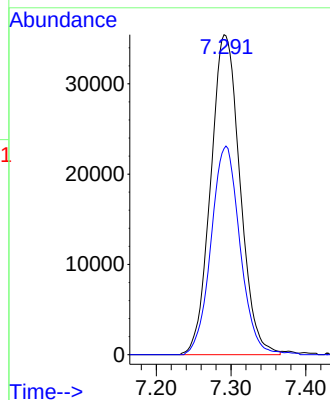
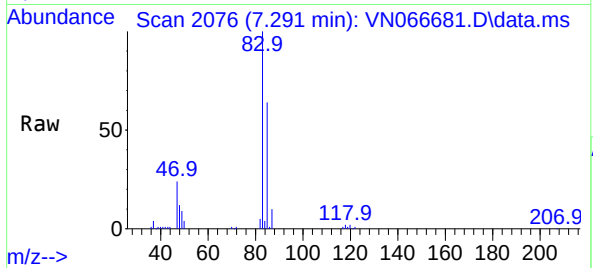
#25  
Chloroform  
Concen: 18.48 ug/l  
RT: 7.291 min Scan# 2076  
Delta R.T. -0.002 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion: 83 Resp: 96505  
Ion Ratio Lower Upper  
83 100  
85 64.4 49.4 74.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

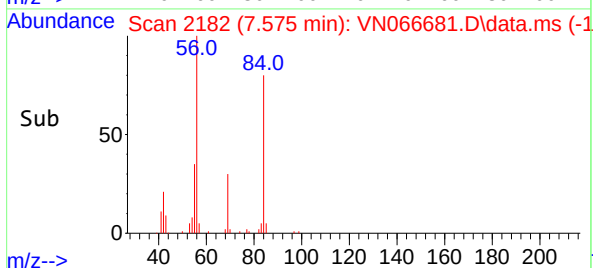
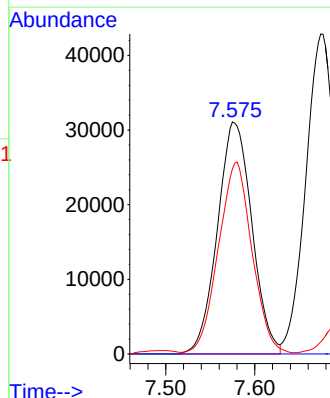
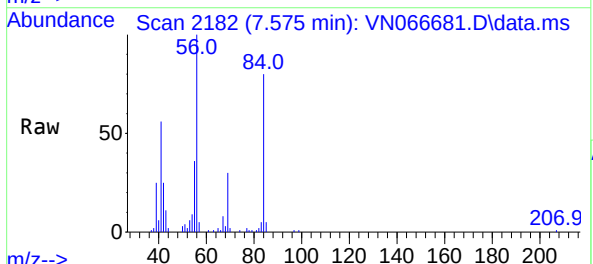
Manual Integrations  
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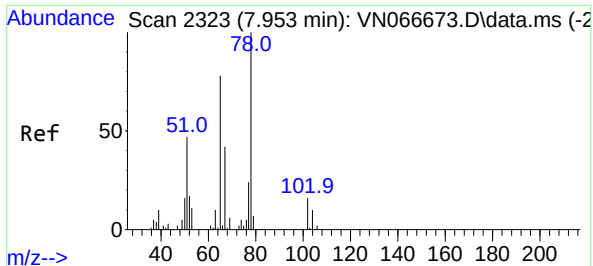


#26  
Cyclohexane  
Concen: 17.89 ug/l  
RT: 7.575 min Scan# 2182  
Delta R.T. -0.003 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion: 56 Resp: 83857  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 80.9 65.4 98.2







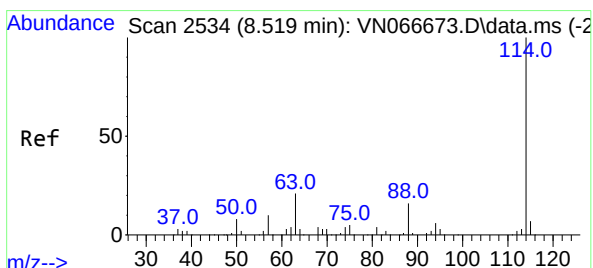
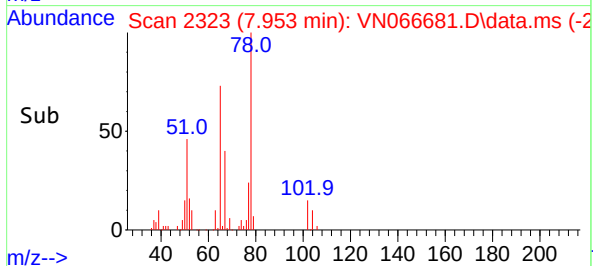
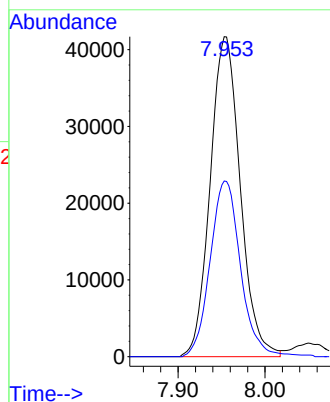
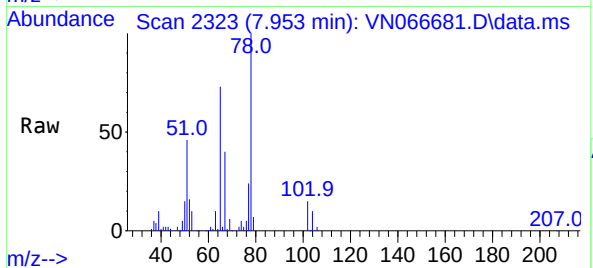
#27  
1,2-Dichloroethane-d4  
Concen: 29.77 ug/l  
RT: 7.953 min Scan# 2323  
Delta R.T. 0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion: 65 Resp: 100357  
Ion Ratio Lower Upper  
65 100  
67 55.6 42.2 63.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

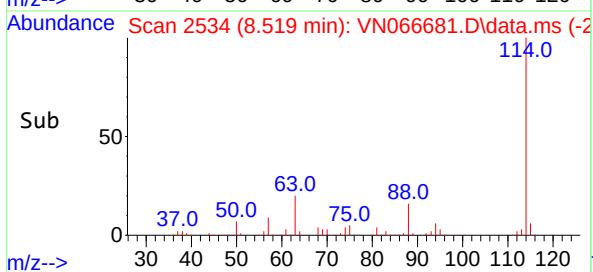
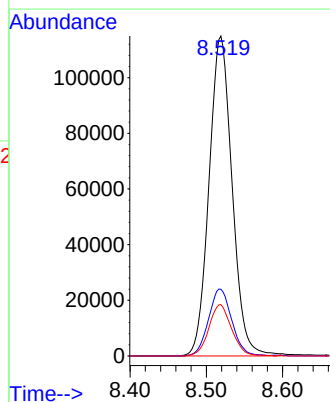
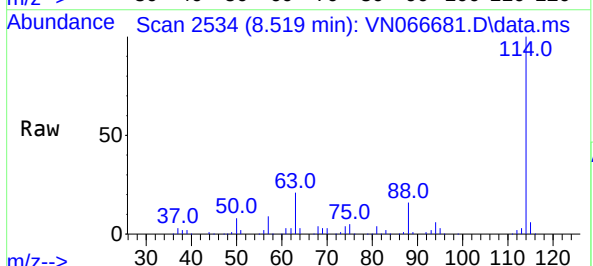
Manual Integrations  
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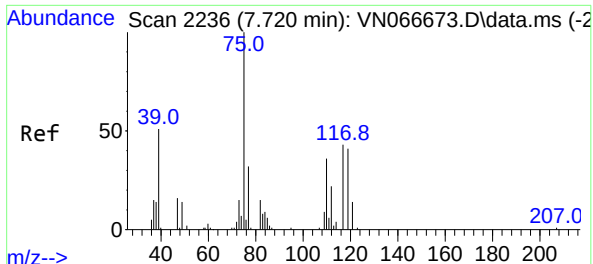
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#28  
1,4-Difluorobenzene  
Concen: 30.00 ug/l  
RT: 8.519 min Scan# 2534  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

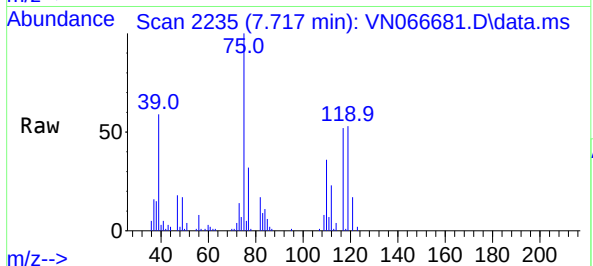
Tgt Ion: 114 Resp: 241494  
Ion Ratio Lower Upper  
114 100  
63 21.1 17.4 26.0  
88 15.8 12.6 19.0





#29  
1,1-Dichloropropene  
Concen: 17.81 ug/l  
RT: 7.717 min Scan# 2235  
Delta R.T. -0.003 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

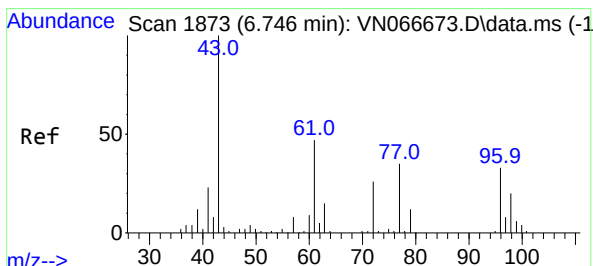
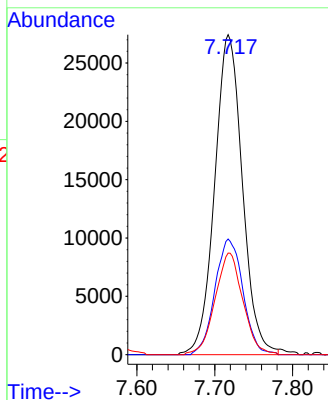
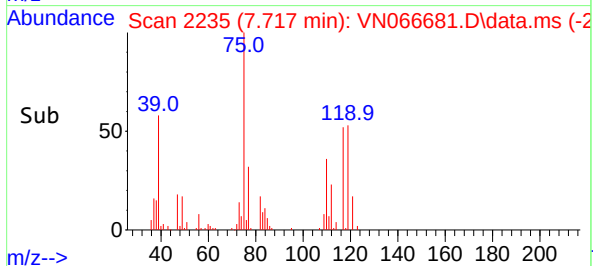
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01



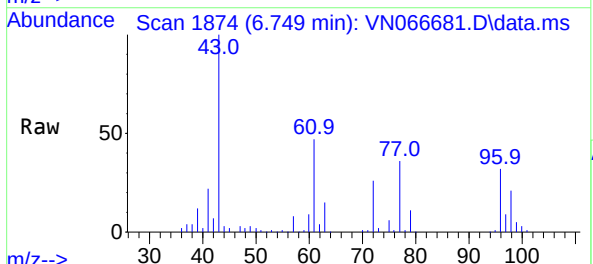
Tgt Ion: 75 Resp: 67728  
Ion Ratio Lower Upper  
75 100  
110 36.6 0.0 69.4  
77 31.9 0.0 60.6

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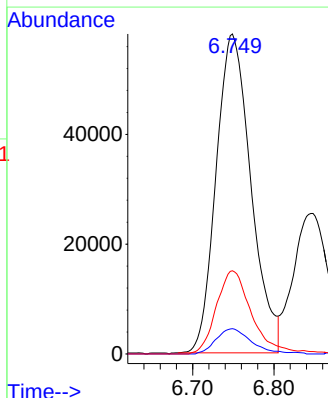
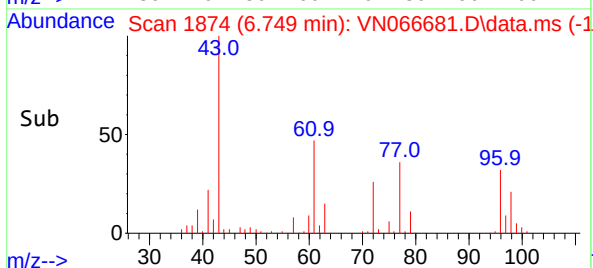
MMDadoda  
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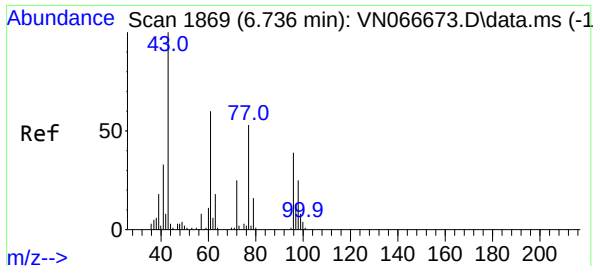


#30  
2-Butanone  
Concen: 94.37 ug/l  
RT: 6.749 min Scan# 1874  
Delta R.T. 0.003 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



Tgt Ion: 43 Resp: 173234  
Ion Ratio Lower Upper  
43 100  
57 7.8 6.9 10.3  
72 26.2 20.9 31.3





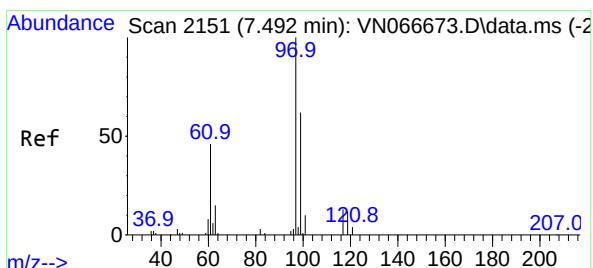
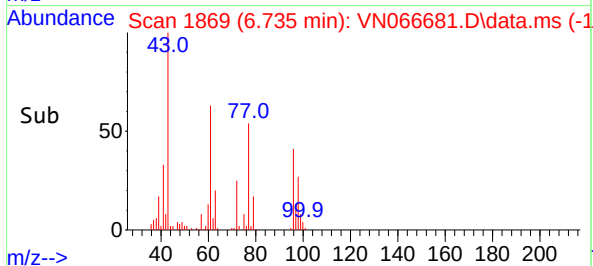
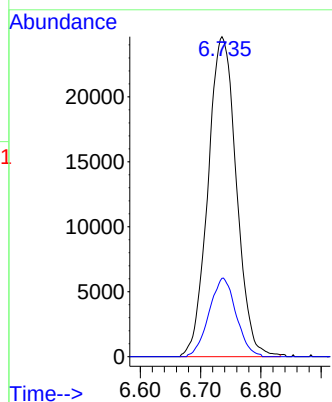
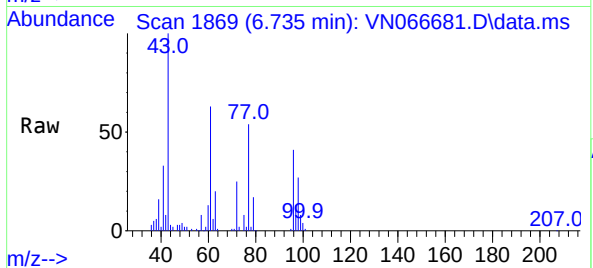
#31  
2,2-Dichloropropane  
Concen: 18.37 ug/l  
RT: 6.735 min Scan# 1869  
Delta R.T. -0.001 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion: 77 Resp: 80501  
Ion Ratio Lower Upper  
77 100  
97 23.4 18.1 27.1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

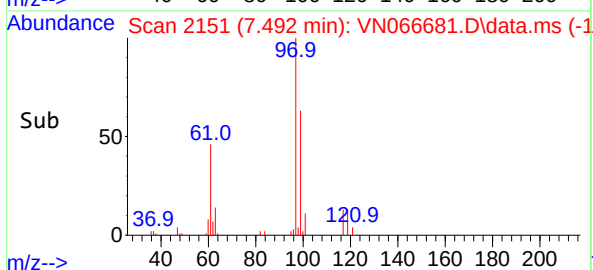
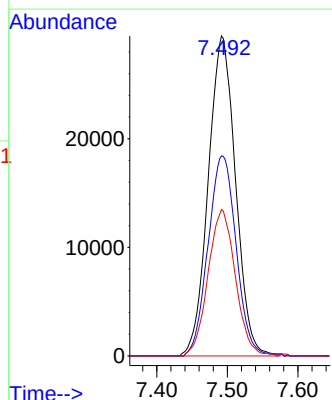
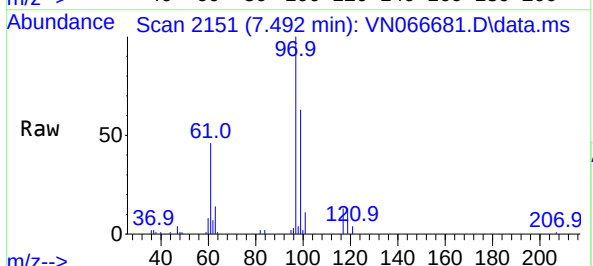
Manual Integrations  
APPROVED

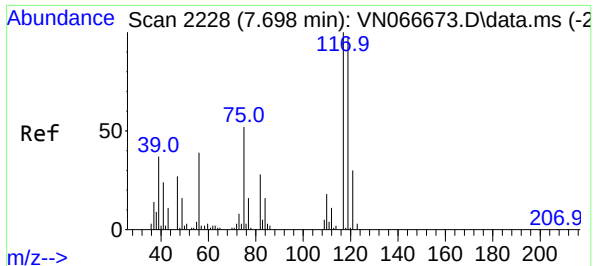
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#32  
1,1,1-Trichloroethane  
Concen: 18.48 ug/l  
RT: 7.492 min Scan# 2151  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

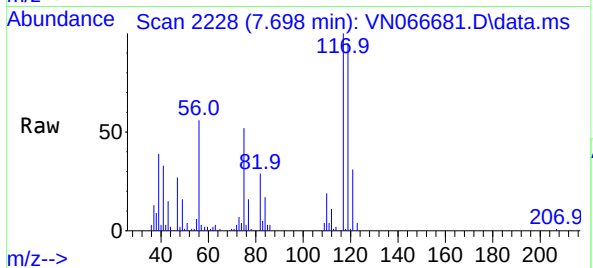
Tgt Ion: 97 Resp: 79335  
Ion Ratio Lower Upper  
97 100  
99 64.2 50.7 76.1  
61 45.5 37.6 56.4





#33  
Carbon Tetrachloride  
Concen: 18.31 ug/l  
RT: 7.698 min Scan# 2228  
Delta R.T. 0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

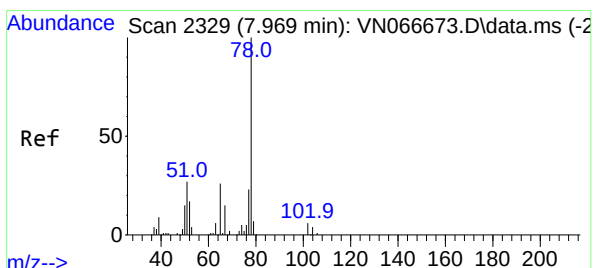
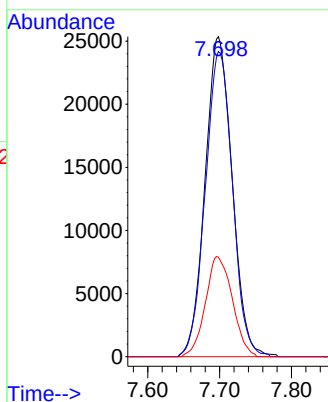
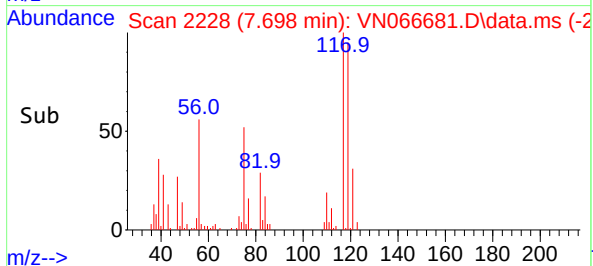
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01



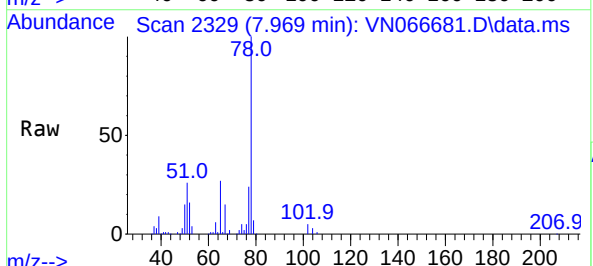
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.4  | 72.6  | 108.8 |
| 121     | 31.1  | 23.5  | 35.3  |

Manual Integrations  
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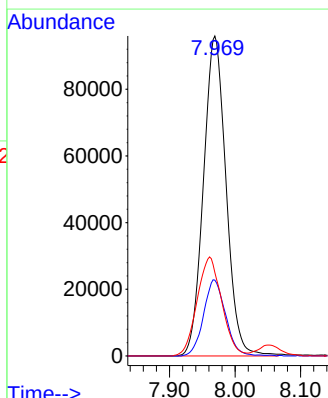
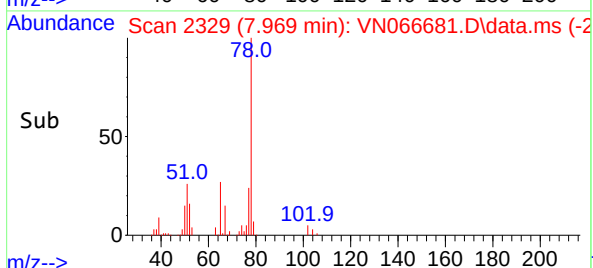
MMDadoda  
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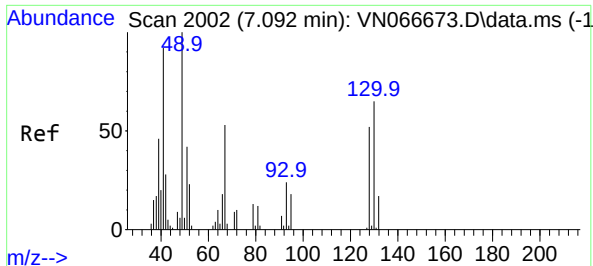


#34  
Benzene  
Concen: 18.72 ug/l  
RT: 7.969 min Scan# 2329  
Delta R.T. 0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.7  | 18.6  | 27.8  |
| 51      | 25.6  | 21.9  | 32.9  |





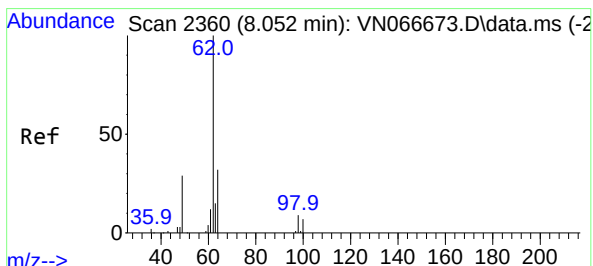
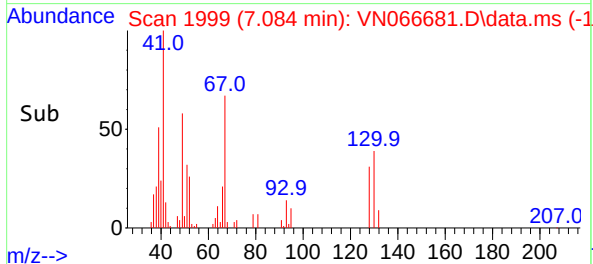
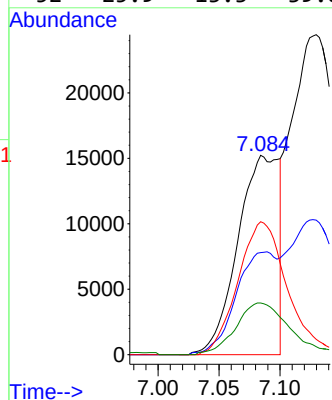
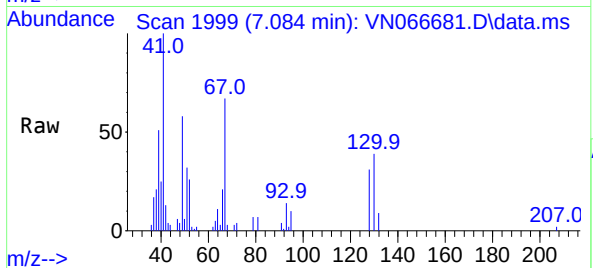
#35  
Methacrylonitrile  
Concen: 20.20 ug/l m  
RT: 7.084 min Scan# 1999  
Delta R.T. -0.008 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 35698 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 51.2  | 27.3  | 81.8  |
| 67       | 66.7  | 31.4  | 94.3  |
| 52       | 25.9  | 13.3  | 39.8  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

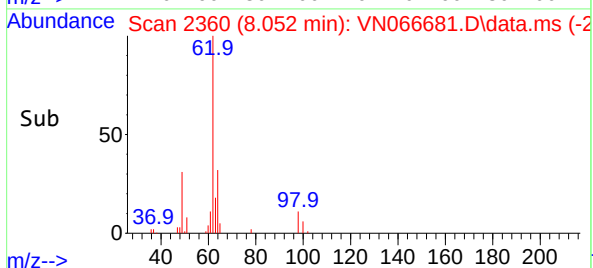
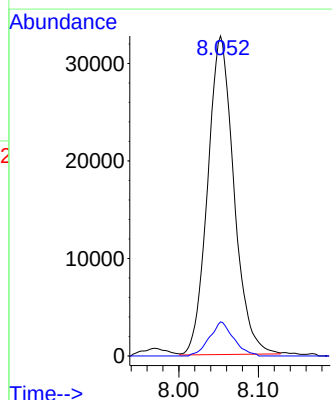
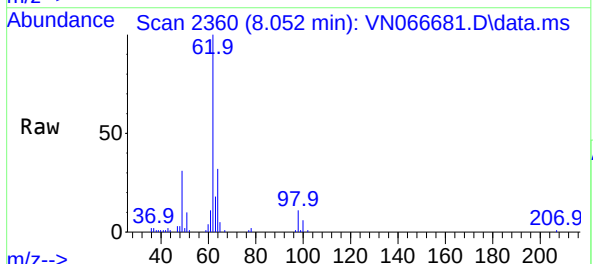
Manual Integrations  
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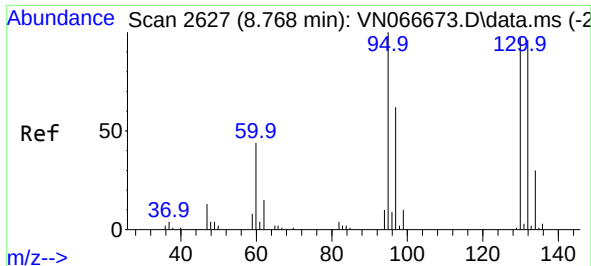
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#36  
1,2-Dichloroethane  
Concen: 18.60 ug/l  
RT: 8.052 min Scan# 2360  
Delta R.T. 0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 74847 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.9   | 6.9   | 10.3  |





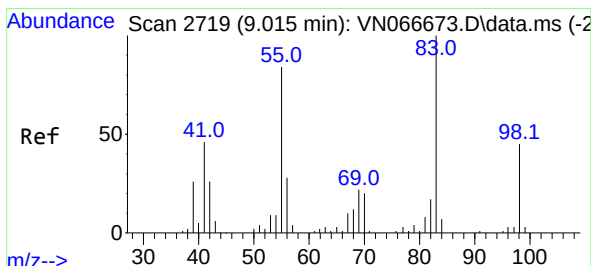
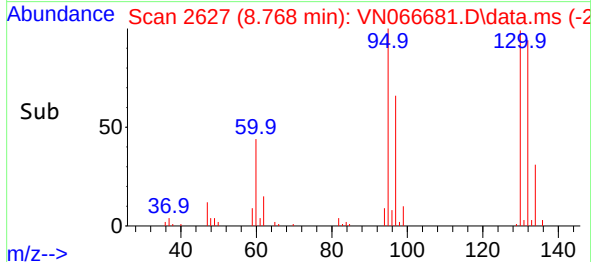
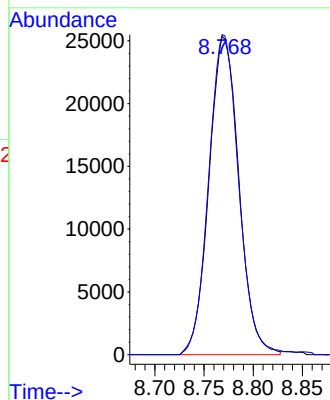
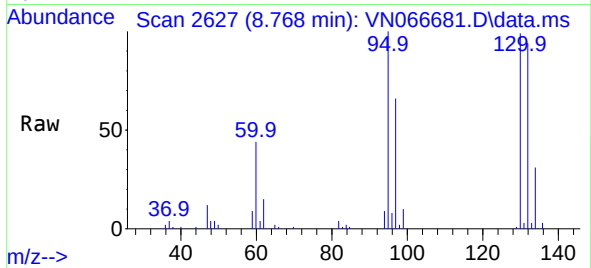
#37  
Trichloroethene  
Concen: 18.42 ug/l  
RT: 8.768 min Scan# 2627  
Delta R.T. 0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion: 130 Resp: 53675  
Ion Ratio Lower Upper  
130 100  
95 100.5 80.7 121.1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

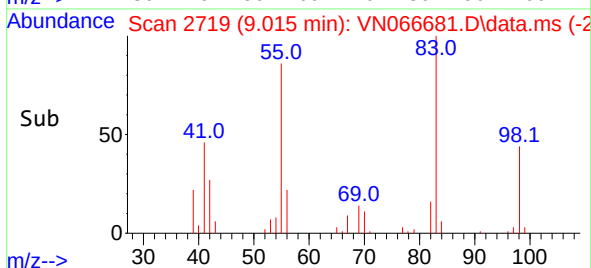
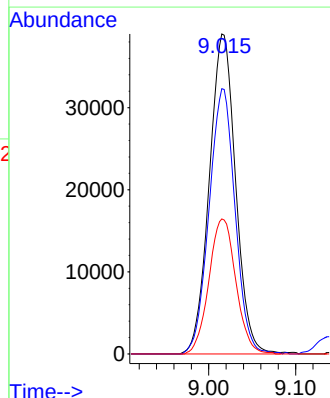
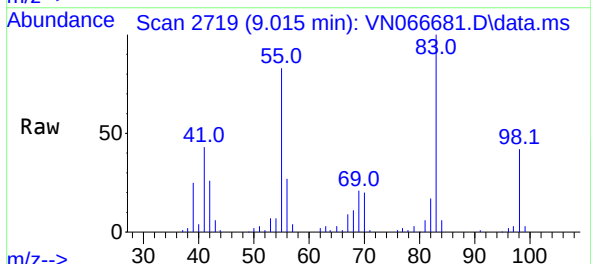
Manual Integrations  
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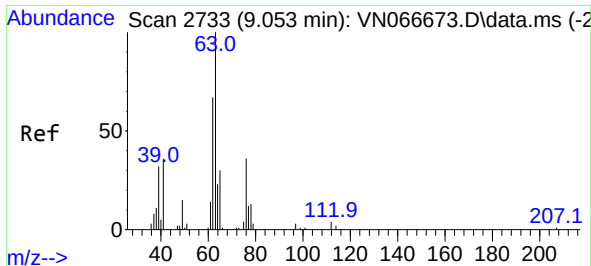
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#38  
Methylcyclohexane  
Concen: 18.06 ug/l  
RT: 9.015 min Scan# 2719  
Delta R.T. 0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion: 83 Resp: 81859  
Ion Ratio Lower Upper  
83 100  
55 82.0 38.8 116.3  
98 43.2 22.2 66.6





#39

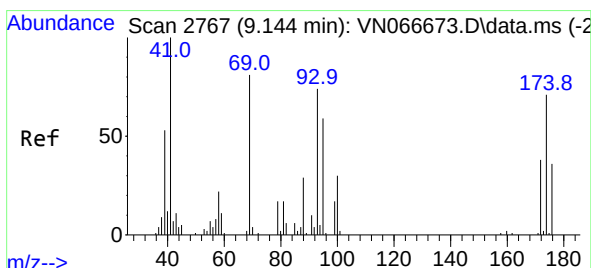
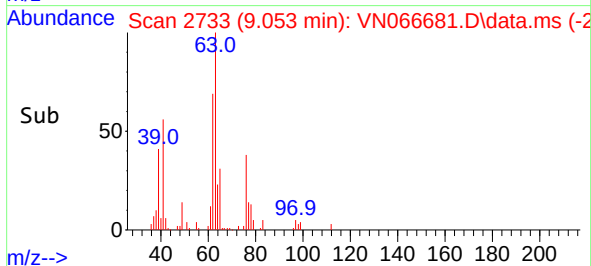
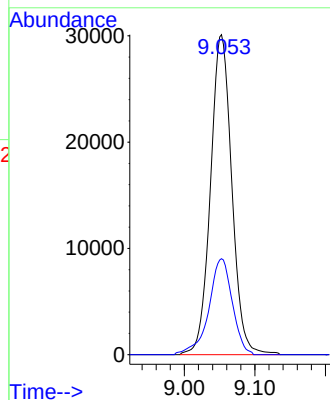
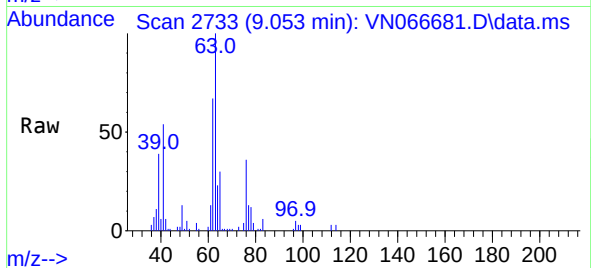
1,2-Dichloropropane  
Concen: 18.91 ug/l  
RT: 9.053 min Scan# 2733  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion: 63 Resp: 63286  
Ion Ratio Lower Upper  
63 100  
65 30.0 24.9 37.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

Manual Integrations  
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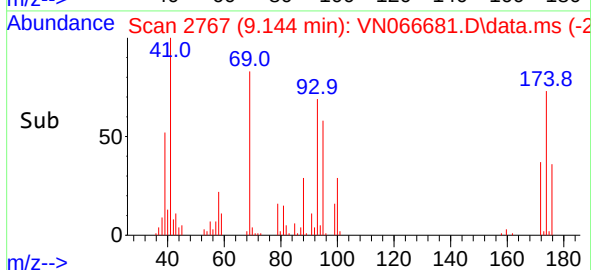
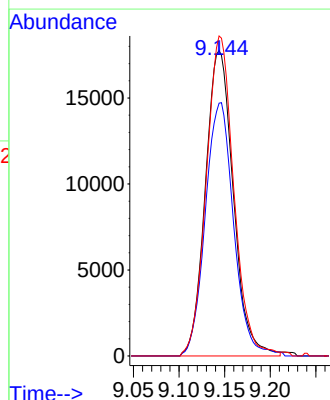
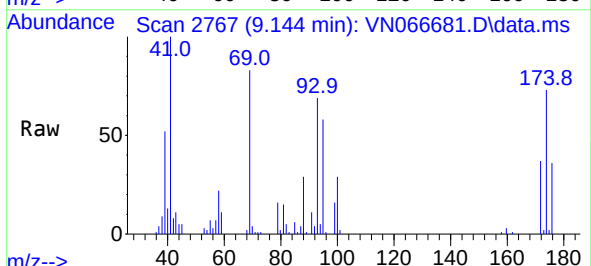
MMDadoda  
4/21/2021 4:34:55 PM

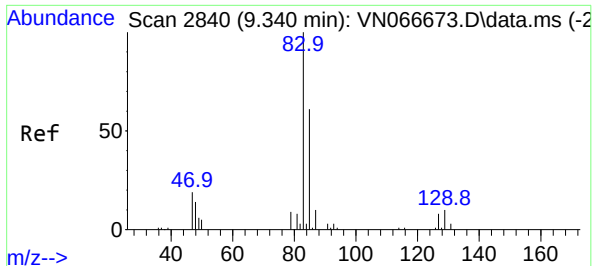


#40

Dibromomethane  
Concen: 18.87 ug/l  
RT: 9.144 min Scan# 2767  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion: 93 Resp: 37846  
Ion Ratio Lower Upper  
93 100  
95 83.4 0.0 169.0  
174 103.3 0.0 205.8





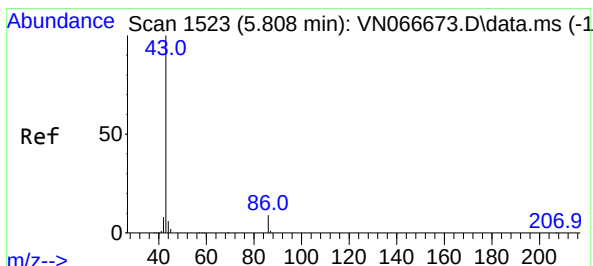
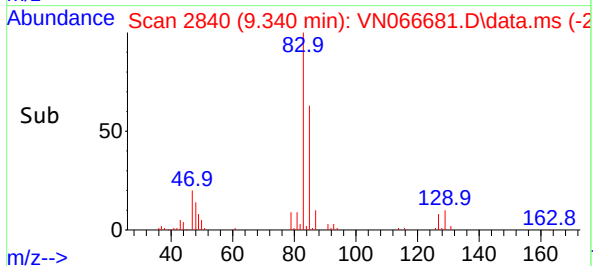
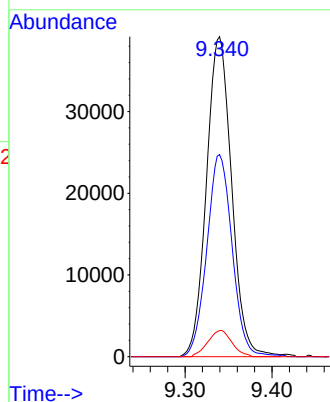
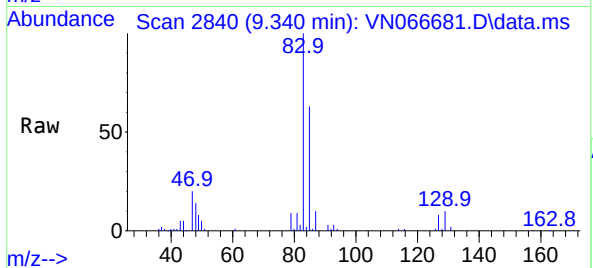
#41  
Bromodichloromethane  
Concen: 18.71 ug/l  
RT: 9.340 min Scan# 2840  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 78783 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.2  | 50.6  | 75.8  |
| 127      | 8.1   | 6.9   | 10.3  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

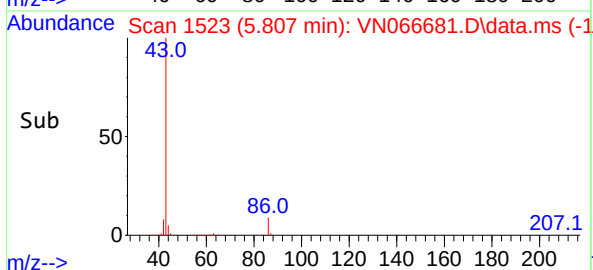
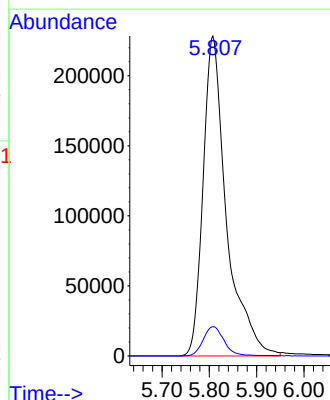
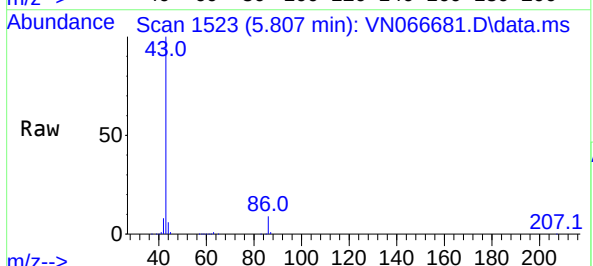
Manual Integrations  
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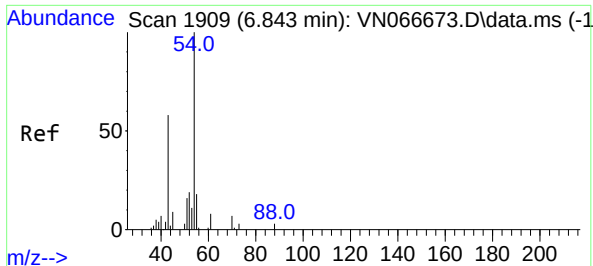


#42  
Vinyl Acetate  
Concen: 95.34 ug/l  
RT: 5.807 min Scan# 1523  
Delta R.T. -0.001 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 784489 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 86       | 8.1   | 6.7   | 10.1   |







#43

Ethyl Acetate

Concen: 17.55 ug/l

RT: 6.845 min Scan# 1910

Delta R.T. 0.002 min

Lab File: VN066681.D

Acq: 20 Apr 2021 14:53

Tgt Ion: 43 Resp: 70852

Ion Ratio Lower Upper

43 100

45 13.9 6.3 9.5#

Instrument :

MSVOA\_N

ClientSampleId :

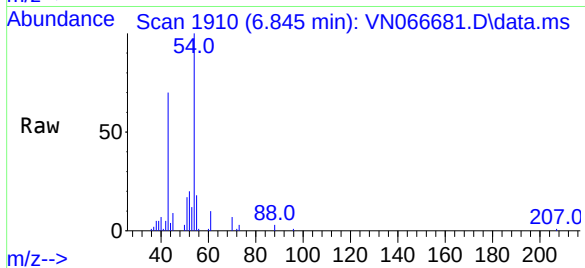
VN0420WBSD01

Manual Integrations

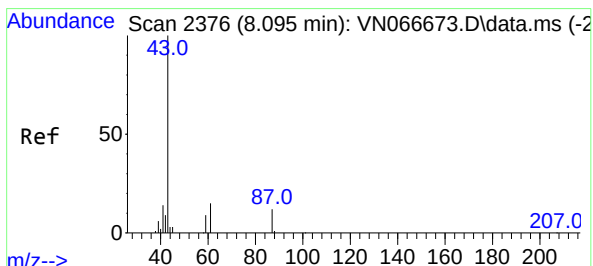
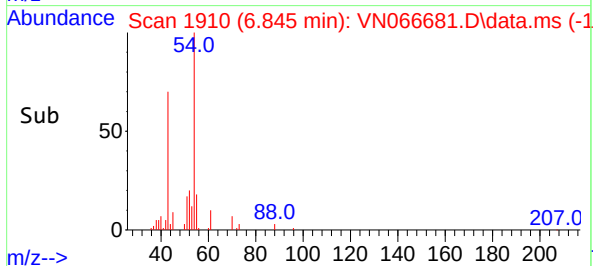
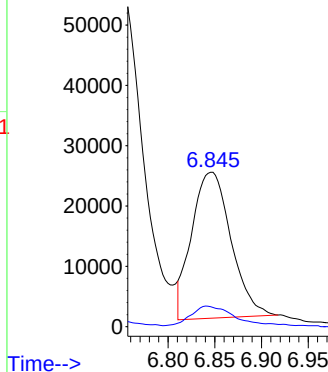
APPROVED

MMDadoda

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Abundance



#44

Isopropyl Acetate

Concen: 18.93 ug/l

RT: 8.095 min Scan# 2376

Delta R.T. 0.000 min

Lab File: VN066681.D

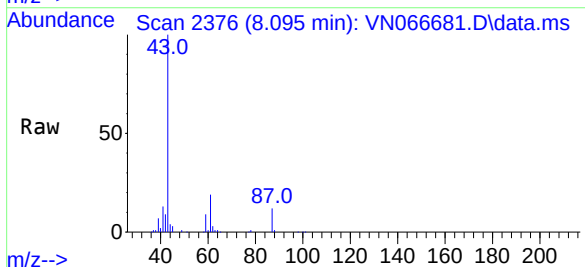
Acq: 20 Apr 2021 14:53

Tgt Ion: 43 Resp: 127454

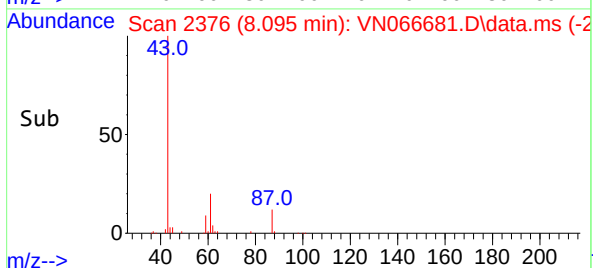
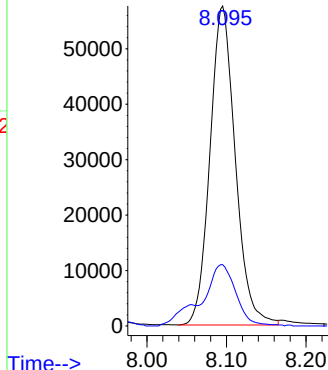
Ion Ratio Lower Upper

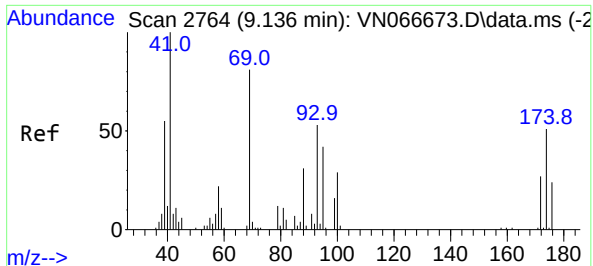
43 100

61 19.4 20.4 30.6#



Abundance





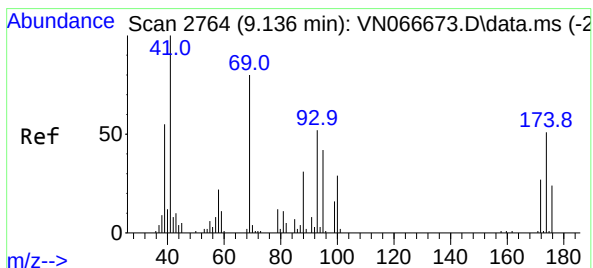
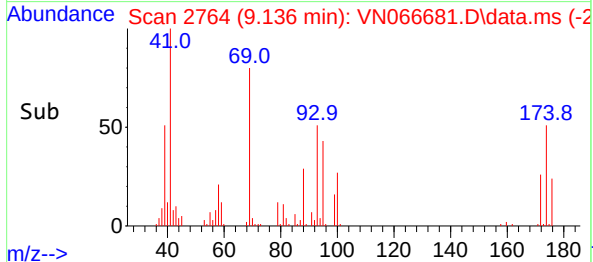
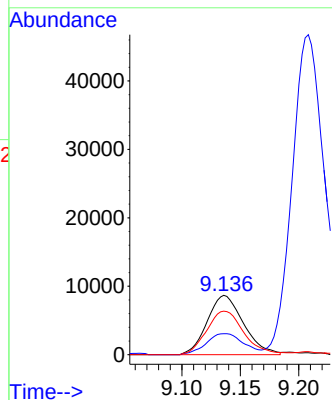
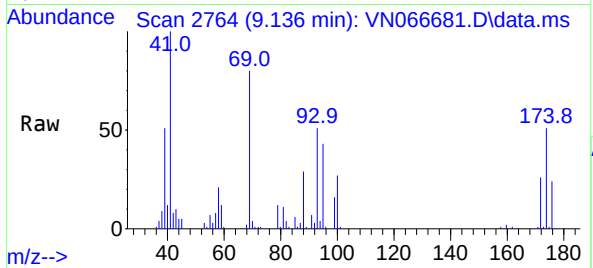
#45  
1,4-Dioxane  
Concen: 381.92 ug/l  
RT: 9.136 min Scan# 2764  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion: 88 Resp: 18712  
Ion Ratio Lower Upper  
88 100  
43 36.6 27.0 40.4  
58 75.7 57.9 86.9

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0420WBSD01

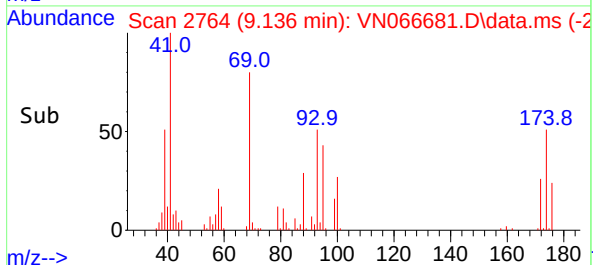
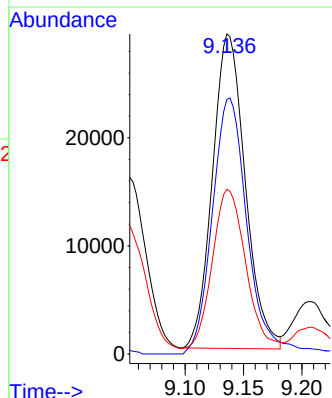
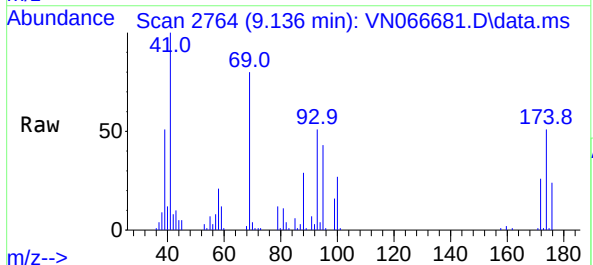
Manual Integrations  
APPROVED

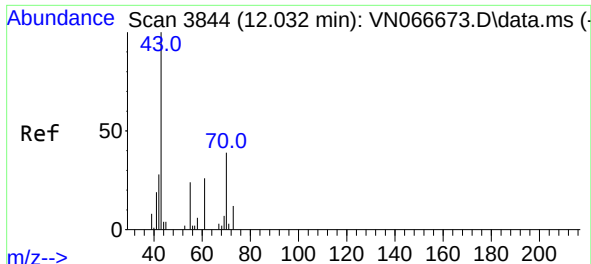
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#46  
Methyl methacrylate  
Concen: 18.47 ug/l  
RT: 9.136 min Scan# 2764  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion: 41 Resp: 56821  
Ion Ratio Lower Upper  
41 100  
69 81.1 40.6 121.7  
39 50.7 33.2 99.6





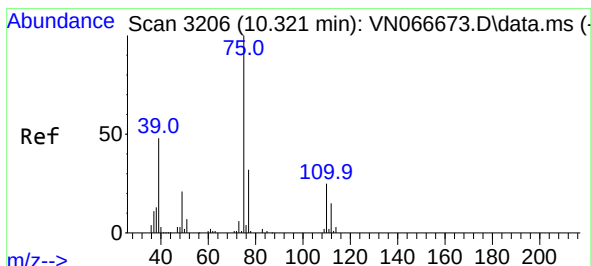
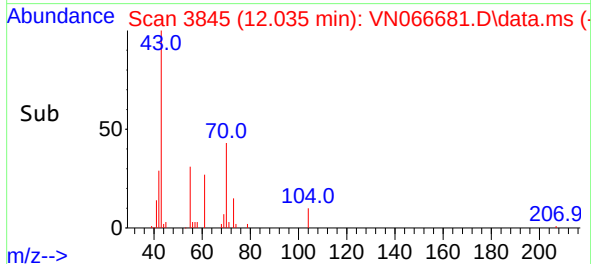
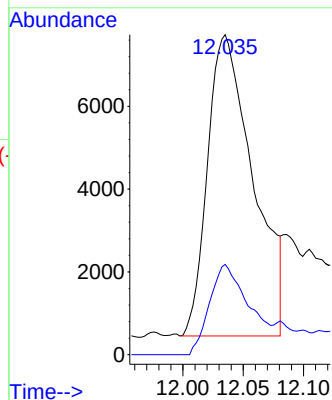
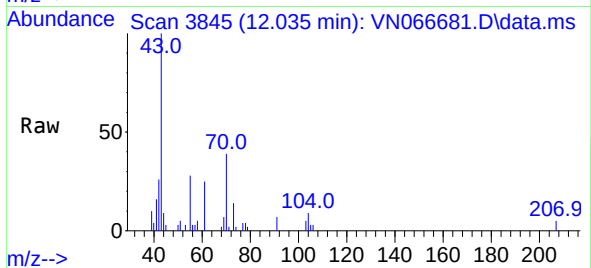
#47  
n-amy1 Acetate  
Concen: 22.51 ug/l  
RT: 12.035 min Scan# 3845  
Delta R.T. 0.003 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion: 43 Resp: 19115  
Ion Ratio Lower Upper  
43 100  
55 26.1 17.7 26.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

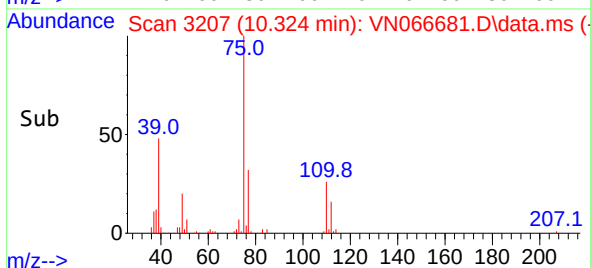
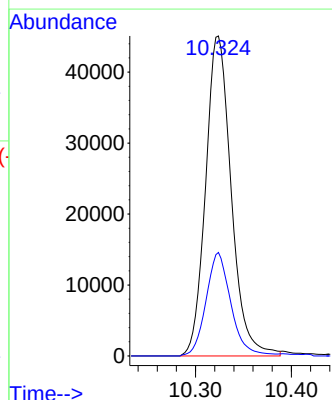
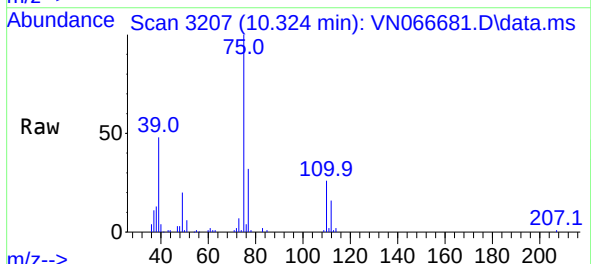
Manual Integrations  
APPROVED

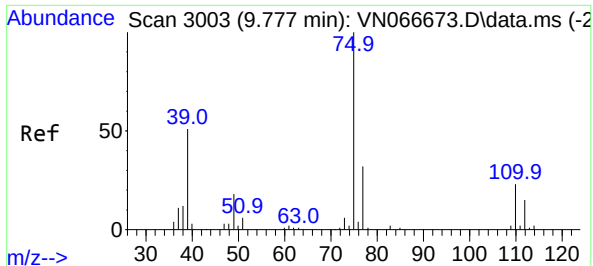
MMDadoda  
4/21/2021 4:34:55 PM



#48  
t-1,3-Dichloropropene  
Concen: 18.22 ug/l  
RT: 10.324 min Scan# 3207  
Delta R.T. 0.003 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion: 75 Resp: 83847  
Ion Ratio Lower Upper  
75 100  
77 32.4 24.9 37.3





#49

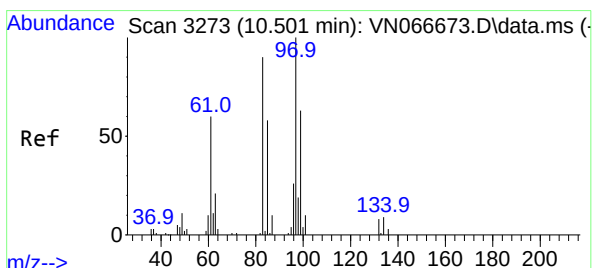
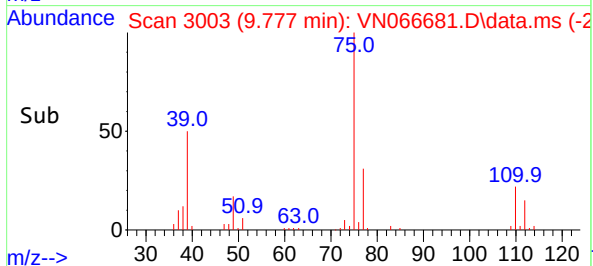
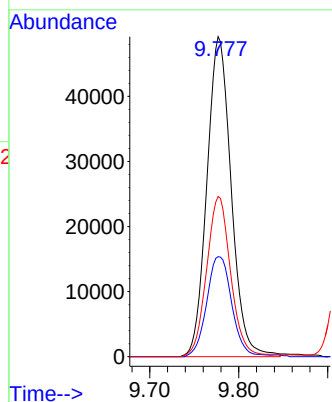
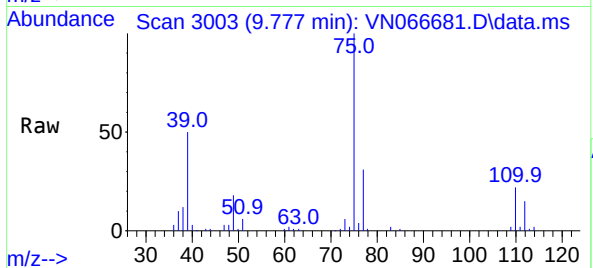
cis-1,3-Dichloropropene  
Concen: 18.33 ug/l  
RT: 9.777 min Scan# 3003  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 93184 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 31.3  | 25.4  | 38.0  |
| 39       | 50.1  | 46.8  | 70.2  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

Manual Integrations  
APPROVED

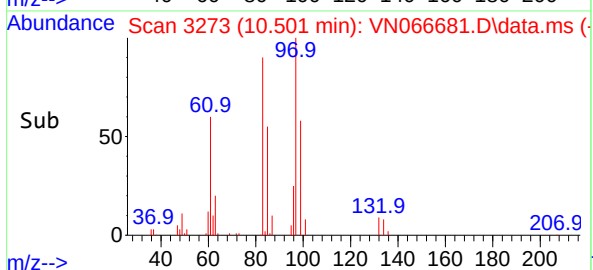
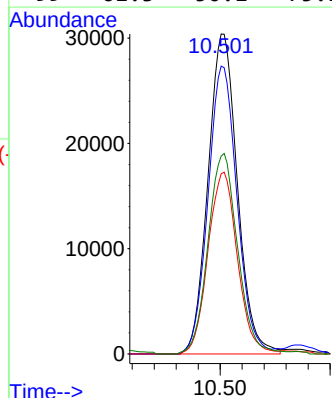
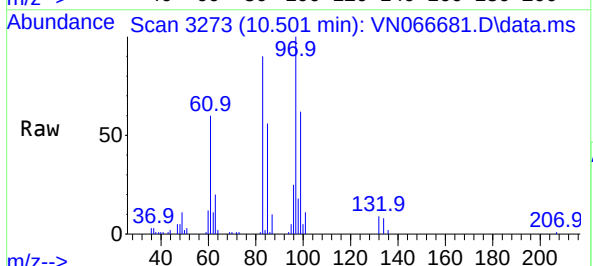
MMDadoda  
4/21/2021 4:34:55 PM

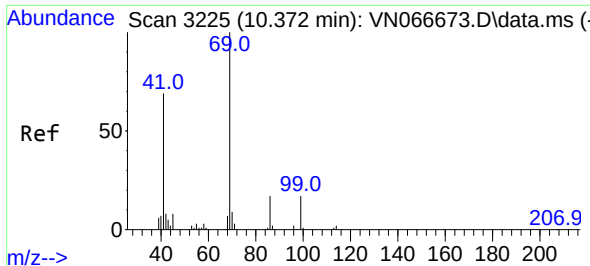


#50

1,1,2-Trichloroethane  
Concen: 19.10 ug/l  
RT: 10.501 min Scan# 3273  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

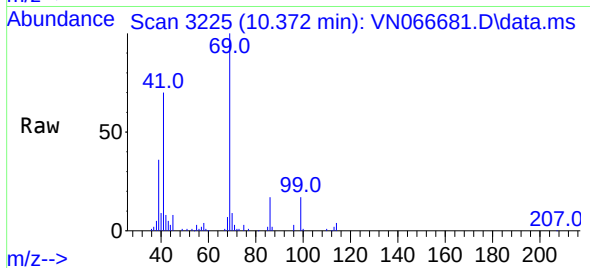
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 56320 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.9  | 68.8  | 103.2 |
| 85       | 56.3  | 44.8  | 67.2  |
| 99       | 61.3  | 50.1  | 75.1  |





#51  
Ethyl methacrylate  
Concen: 17.95 ug/l  
RT: 10.372 min Scan# 3225  
Delta R.T. 0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

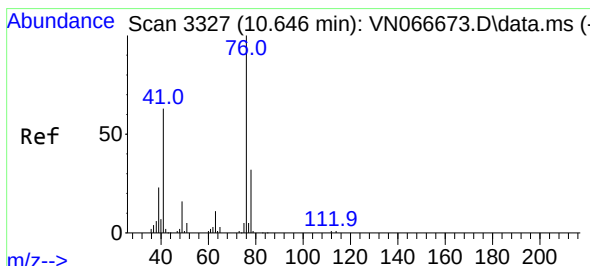
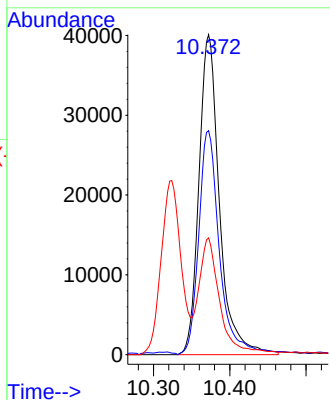
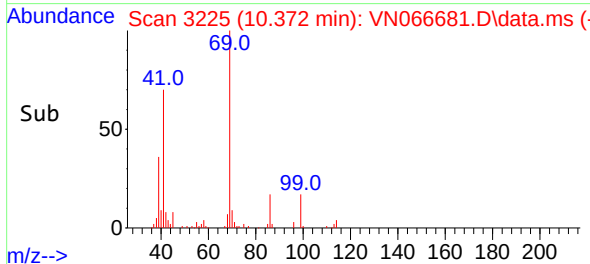
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01



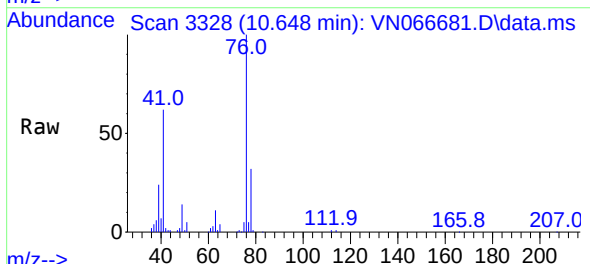
Tgt Ion: 69 Resp: 74773  
Ion Ratio Lower Upper  
69 100  
41 70.0 34.8 104.5  
39 35.7 22.5 67.5

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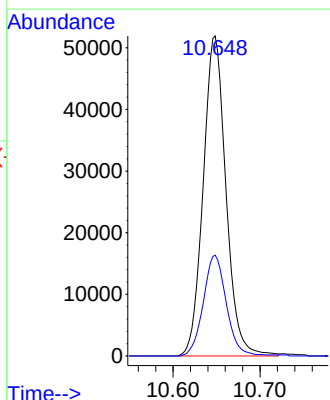
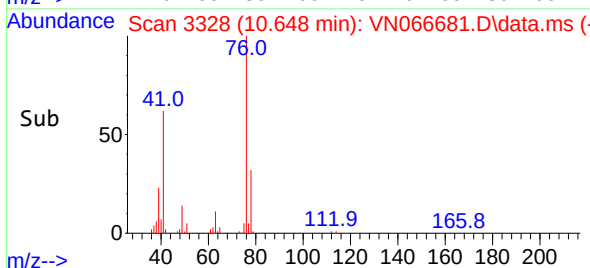
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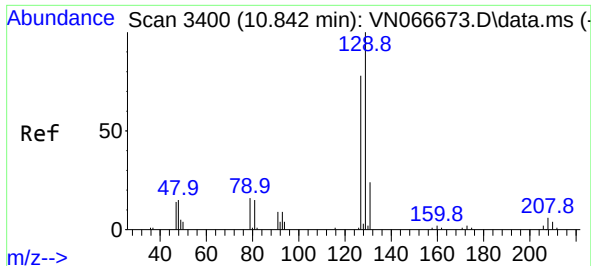


#52  
1,3-Dichloropropane  
Concen: 18.82 ug/l  
RT: 10.648 min Scan# 3328  
Delta R.T. 0.002 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



Tgt Ion: 76 Resp: 94478  
Ion Ratio Lower Upper  
76 100  
78 31.6 0.0 65.6





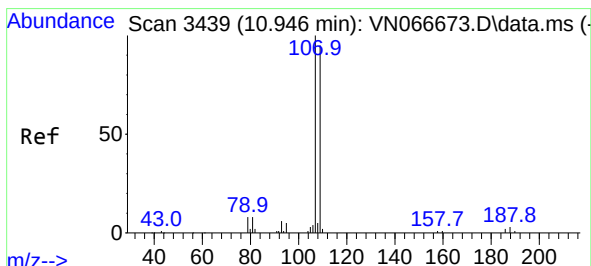
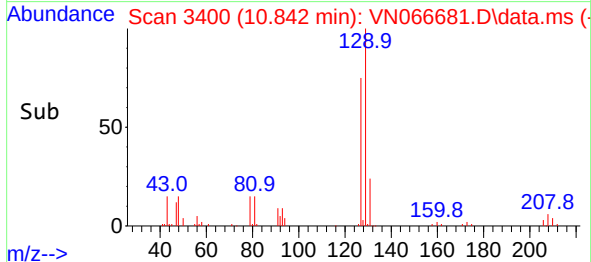
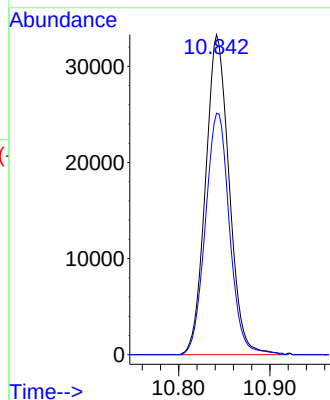
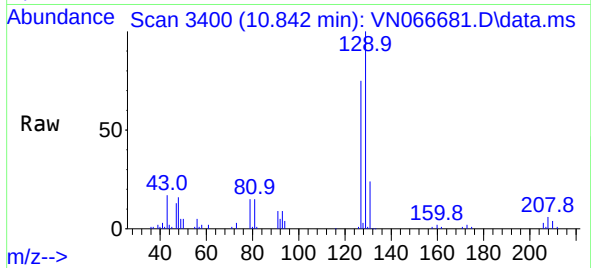
#53  
Dibromochloromethane  
Concen: 18.82 ug/l  
RT: 10.842 min Scan# 3400  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion:129 Resp: 60021  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.6 115.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

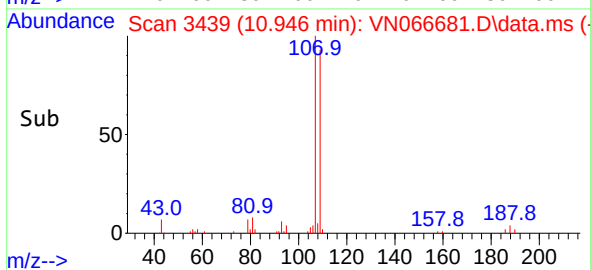
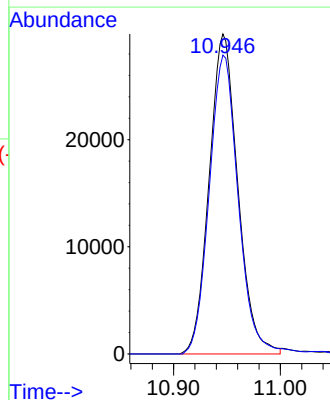
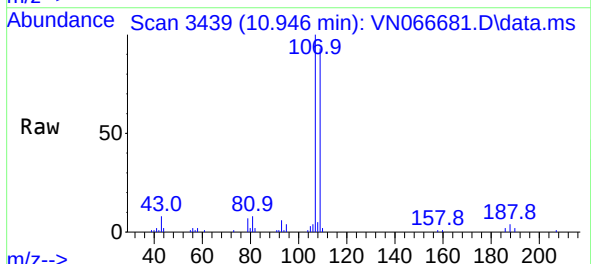
Manual Integrations  
APPROVED

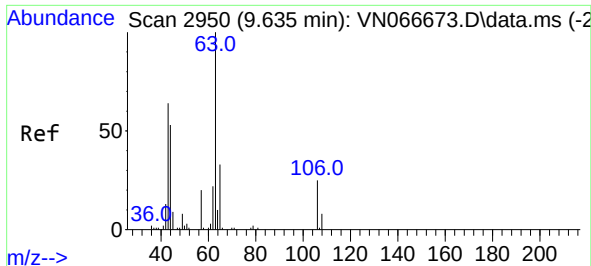
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4/21/2021 4:34:55 PM



#54  
1,2-Dibromoethane  
Concen: 18.82 ug/l  
RT: 10.946 min Scan# 3439  
Delta R.T. 0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion:107 Resp: 55655  
Ion Ratio Lower Upper  
107 100  
109 94.6 75.8 113.6





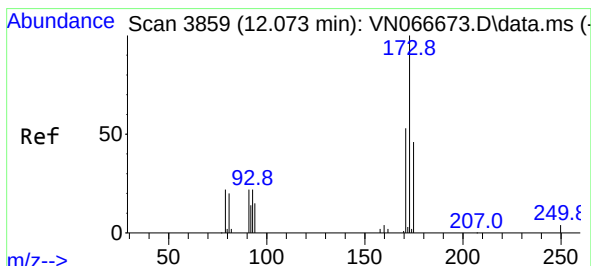
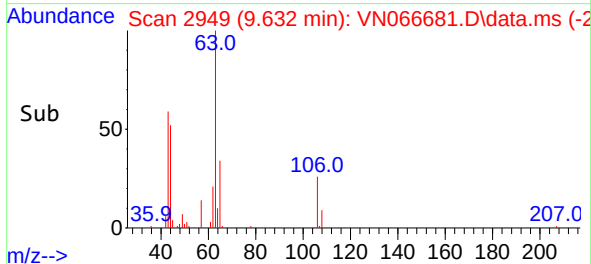
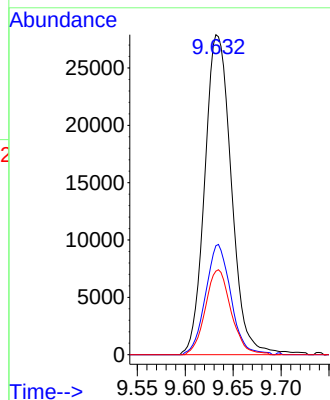
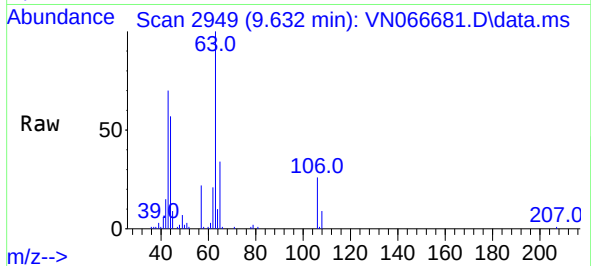
#55  
2-Chloroethyl vinyl ether  
Concen: 84.45 ug/l  
RT: 9.632 min Scan# 2949  
Delta R.T. -0.003 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 53790 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 32.9  | 26.0  | 39.0  |
| 106      | 25.6  | 20.6  | 31.0  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

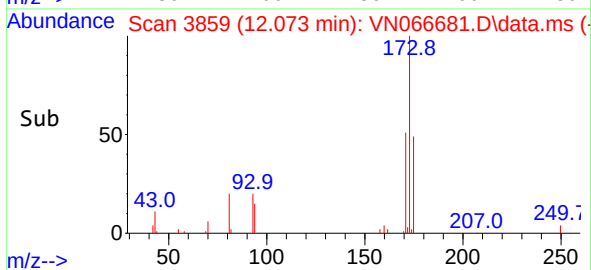
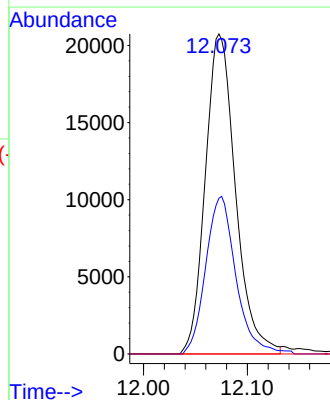
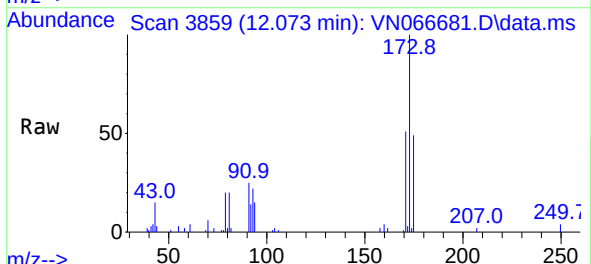
Manual Integrations  
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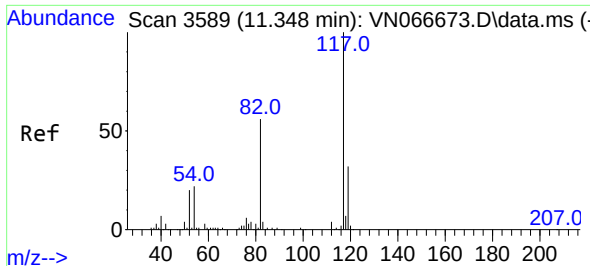
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4/21/2021 4:34:55 PM



#56  
Bromoform  
Concen: 18.24 ug/l  
RT: 12.073 min Scan# 3859  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

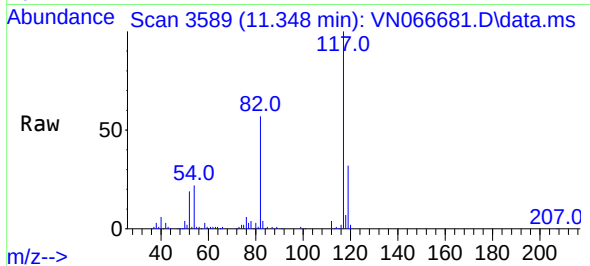
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 41932 |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 49.1  | 38.3  | 57.5  |
| 254      | 0.0   | 0.0   | 0.0   |





#57  
Chlorobenzene-d5  
Concen: 30.00 ug/l  
RT: 11.348 min Scan# 3589  
Delta R.T. 0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

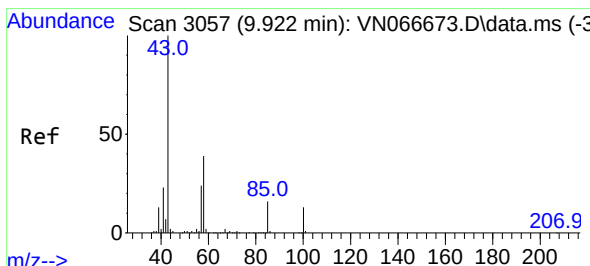
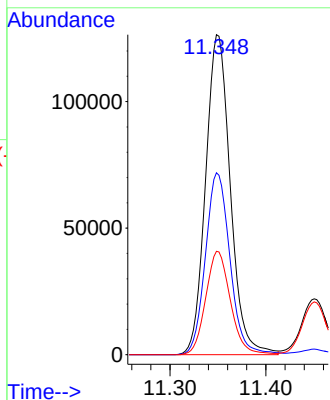
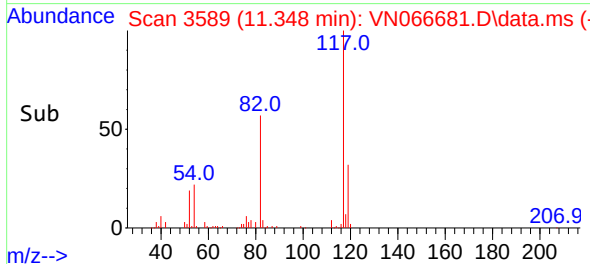
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01



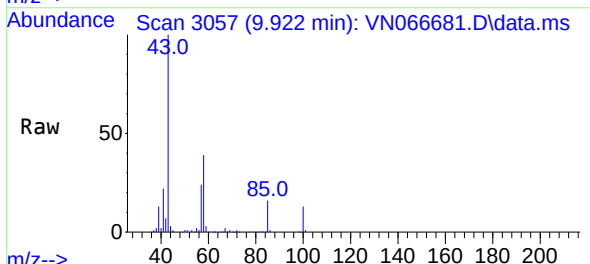
Tgt Ion: 117 Resp: 226810  
Ion Ratio Lower Upper  
117 100  
82 56.6 45.0 67.6  
119 32.3 25.5 38.3

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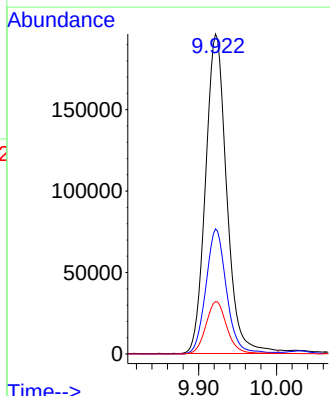
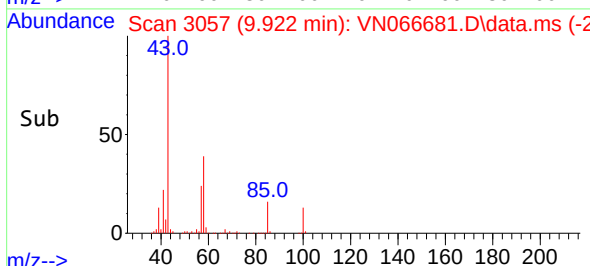
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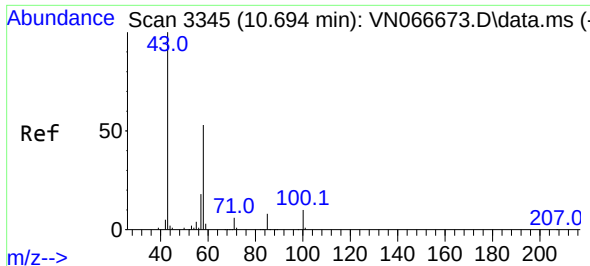
#58  
4-Methyl-2-Pentanone  
Concen: 96.02 ug/l  
RT: 9.922 min Scan# 3057  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



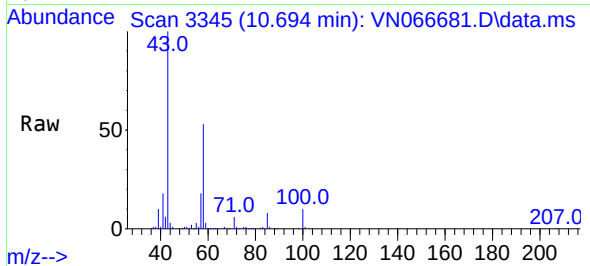
Tgt Ion: 43 Resp: 370923  
Ion Ratio Lower Upper  
43 100  
58 38.3 30.4 45.6  
85 16.3 13.8 20.8



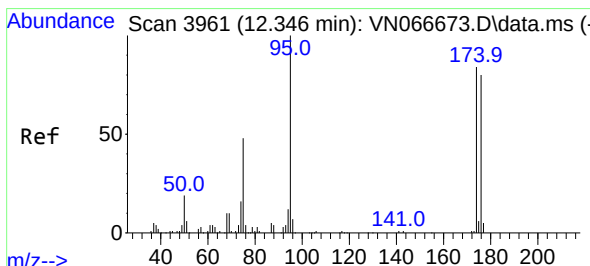
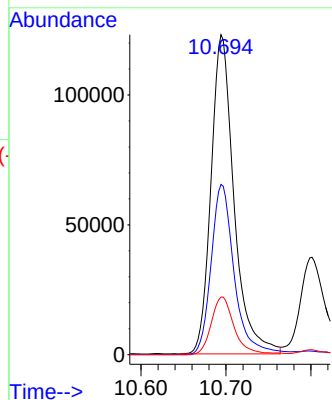
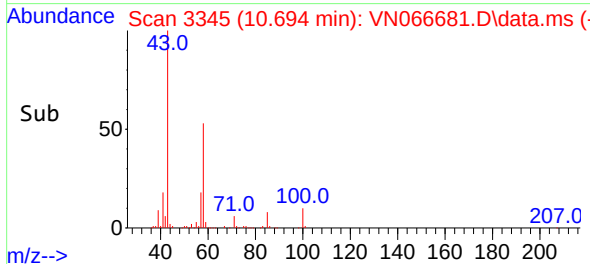




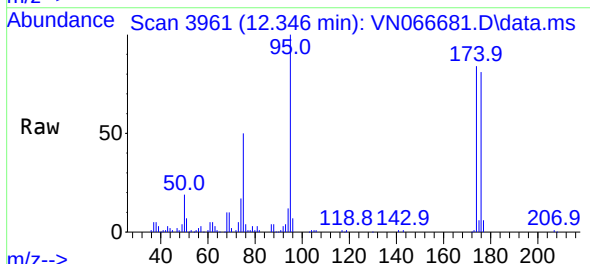
#59  
2-Hexanone  
Concen: 93.12 ug/l  
RT: 10.694 min Scan# 3345  
Delta R.T. 0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



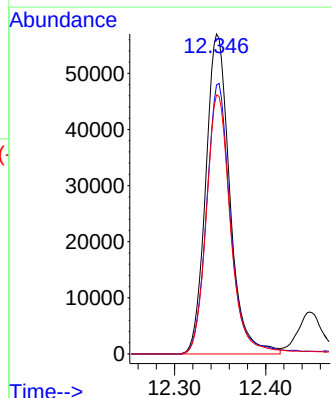
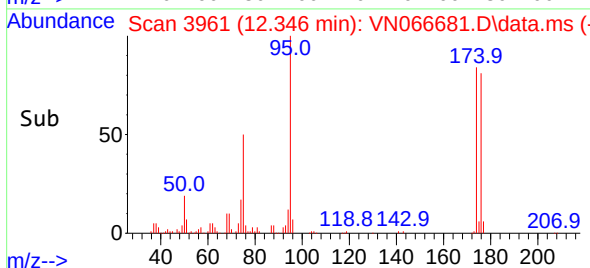
Tgt Ion: 43 Resp: 231250  
Ion Ratio Lower Upper  
43 100  
58 53.8 41.8 62.6  
57 18.0 14.9 22.3



#60  
4-Bromofluorobenzene  
Concen: 29.38 ug/l  
RT: 12.346 min Scan# 3961  
Delta R.T. 0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



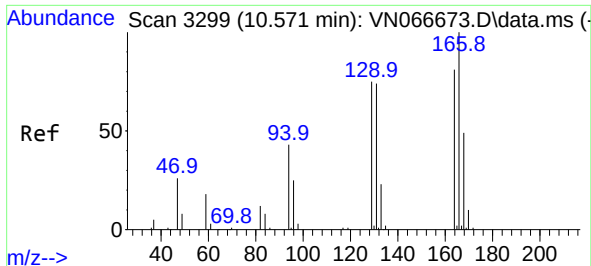
Tgt Ion: 95 Resp: 104449  
Ion Ratio Lower Upper  
95 100  
174 84.1 68.1 102.1  
176 80.6 65.4 98.0



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

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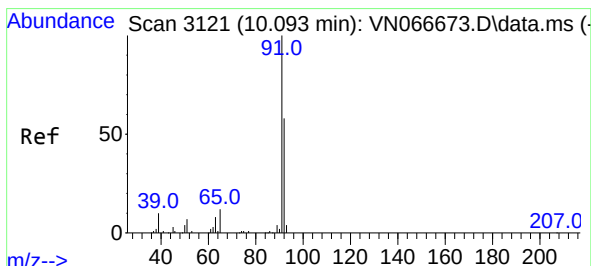
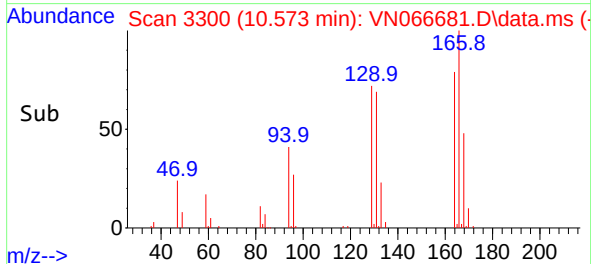
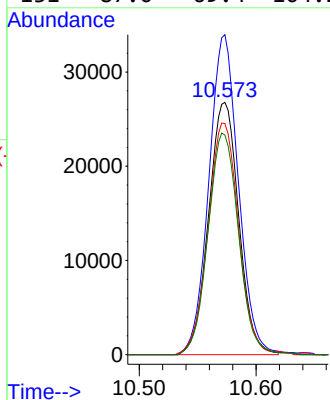
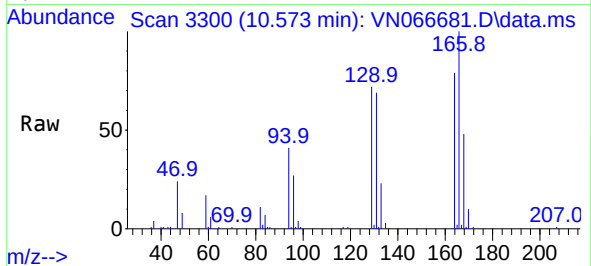
#61  
Tetrachloroethene  
Concen: 19.15 ug/l  
RT: 10.573 min Scan# 3300  
Delta R.T. 0.002 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 47950 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 126.8 | 100.5 | 150.7 |
| 129      | 91.0  | 74.7  | 112.1 |
| 131      | 87.0  | 69.4  | 104.2 |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

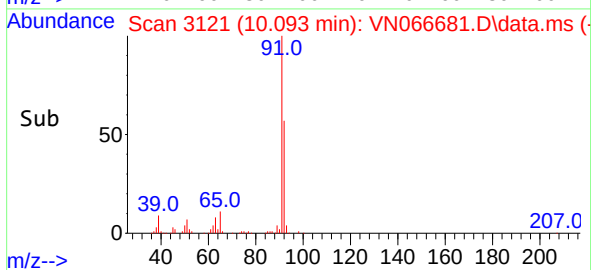
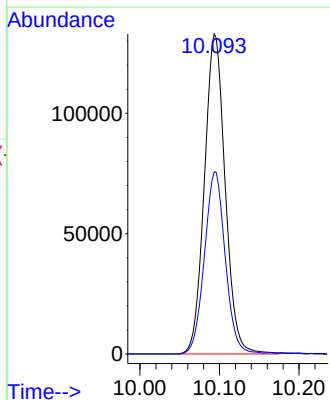
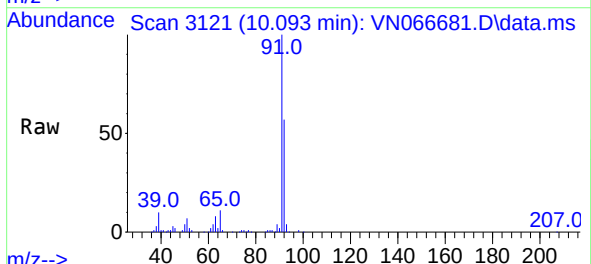
Manual Integrations  
APPROVED

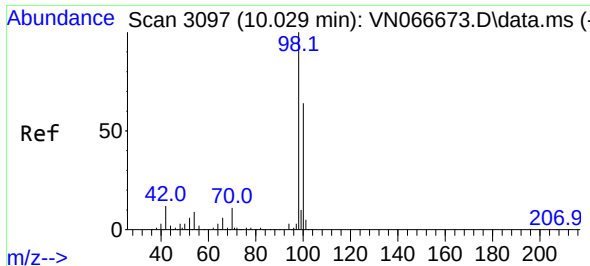
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#62  
Toluene  
Concen: 18.78 ug/l  
RT: 10.093 min Scan# 3121  
Delta R.T. 0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

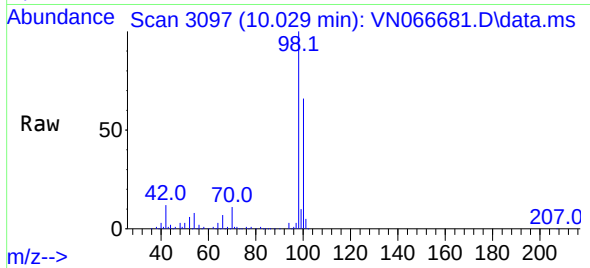
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 241773 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 57.1  | 46.2  | 69.2   |





#63  
Toluene-d8  
Concen: 29.90 ug/l  
RT: 10.029 min Scan# 3097  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

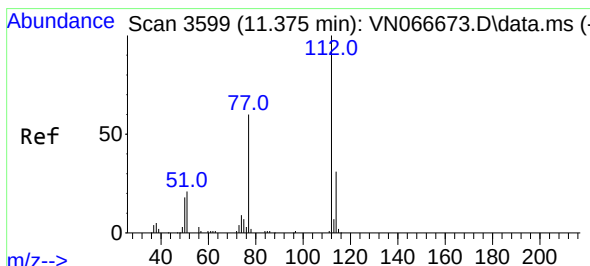
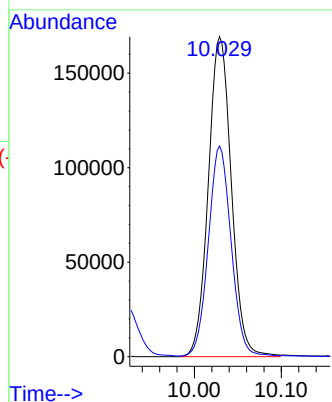
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01



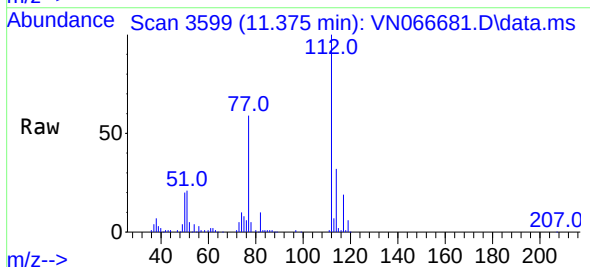
Tgt Ion: 98 Resp: 312006  
Ion Ratio Lower Upper  
98 100  
100 64.5 51.1 76.7

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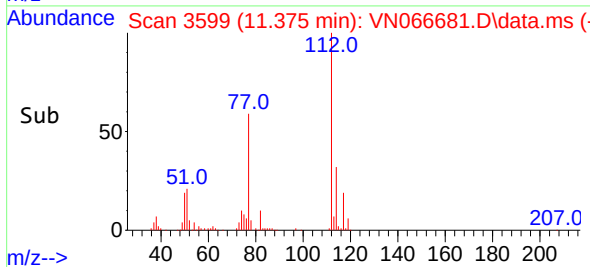
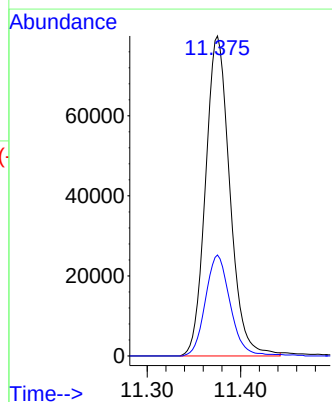
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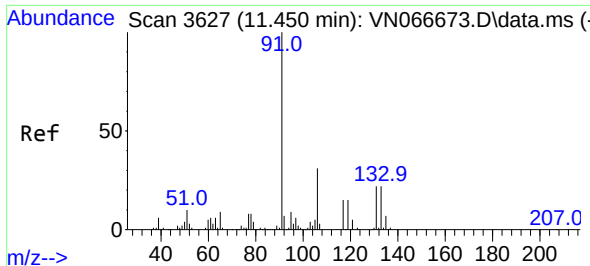


#64  
Chlorobenzene  
Concen: 18.76 ug/l  
RT: 11.375 min Scan# 3599  
Delta R.T. 0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



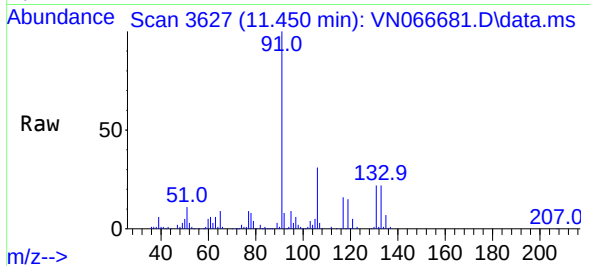
Tgt Ion: 112 Resp: 144497  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.6 38.4





#65  
1,1,1,2-Tetrachloroethane  
Concen: 19.06 ug/l  
RT: 11.450 min Scan# 3627  
Delta R.T. 0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

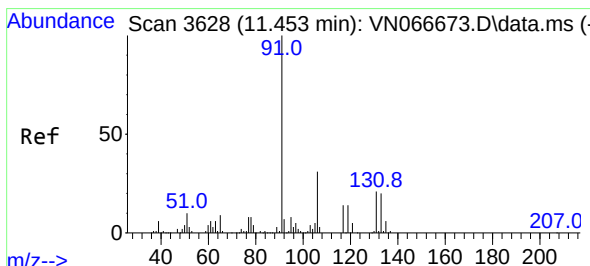
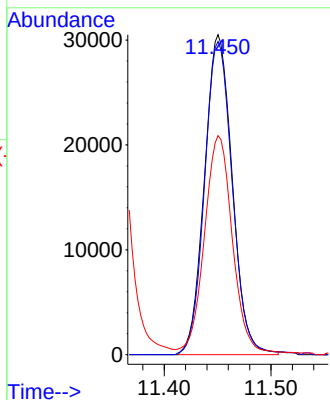
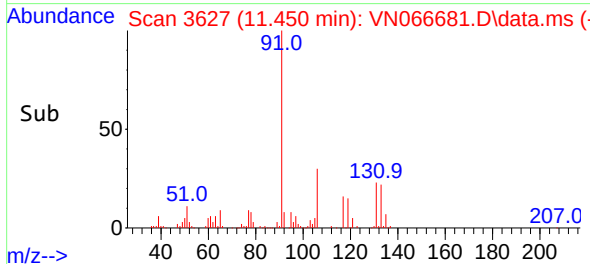
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01



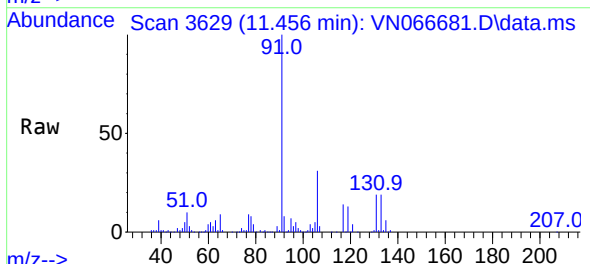
Tgt Ion:131 Resp: 55091  
Ion Ratio Lower Upper  
131 100  
133 97.4 0.0 188.4  
119 68.4 0.0 134.4

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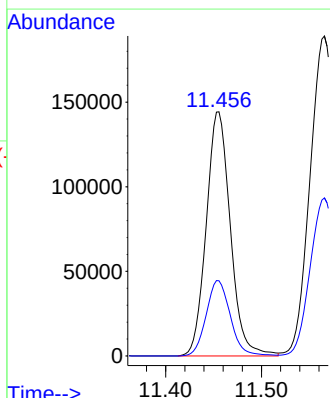
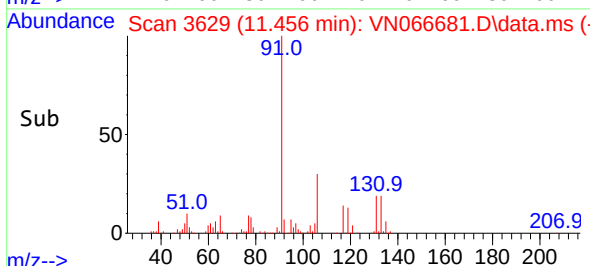
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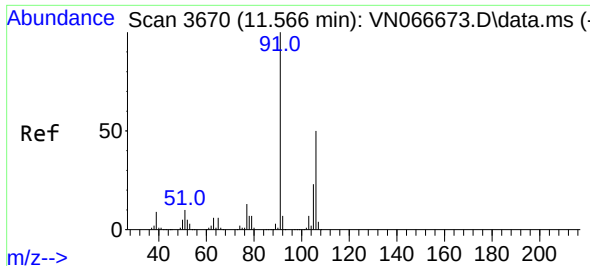


#66  
Ethyl Benzene  
Concen: 18.37 ug/l  
RT: 11.456 min Scan# 3629  
Delta R.T. 0.003 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



Tgt Ion: 91 Resp: 252668  
Ion Ratio Lower Upper  
91 100  
106 30.8 25.5 38.3





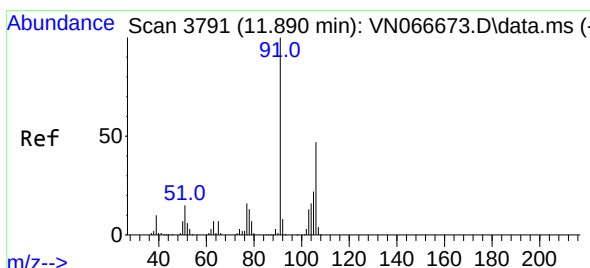
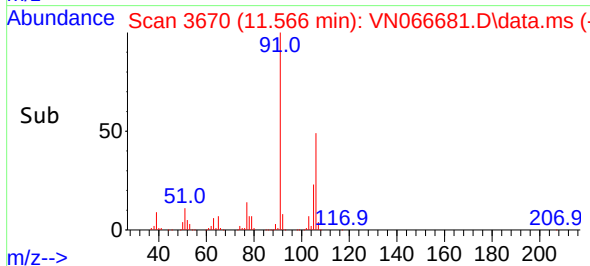
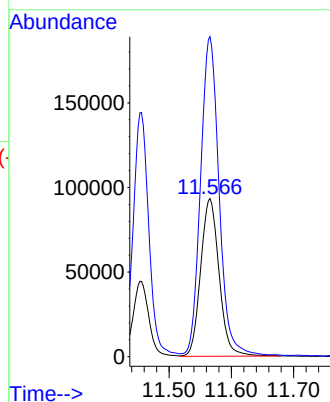
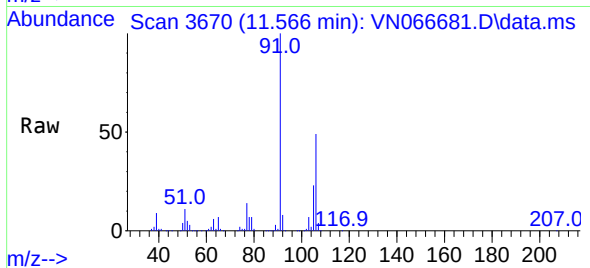
#67  
m/p-Xylenes  
Concen: 37.02 ug/l  
RT: 11.566 min Scan# 3670  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion:106 Resp: 191181  
Ion Ratio Lower Upper  
106 100  
91 202.4 164.8 247.2

Instrument :  
MSVOA\_N  
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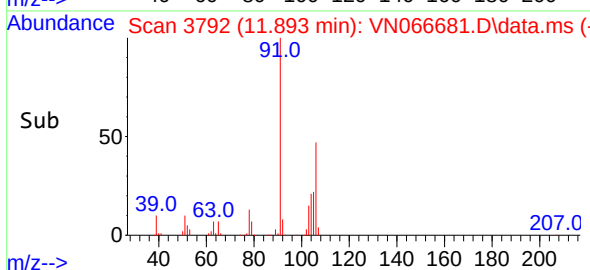
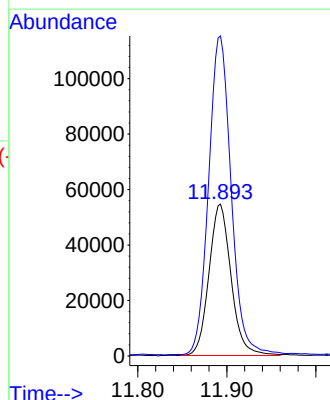
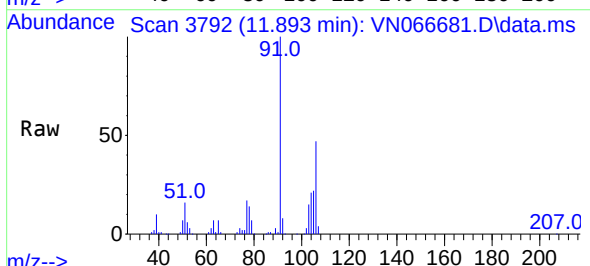
Manual Integrations  
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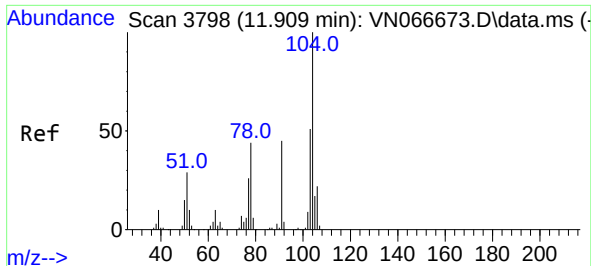
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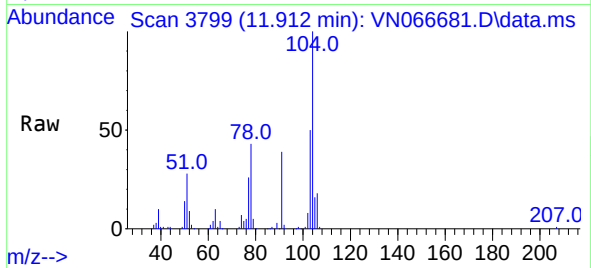
#68  
o-Xylene  
Concen: 18.79 ug/l  
RT: 11.893 min Scan# 3792  
Delta R.T. 0.003 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion:106 Resp: 94100  
Ion Ratio Lower Upper  
106 100  
91 214.1 107.1 321.4

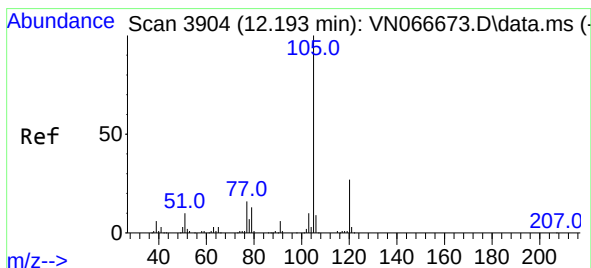
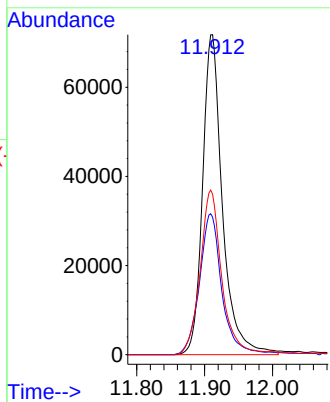
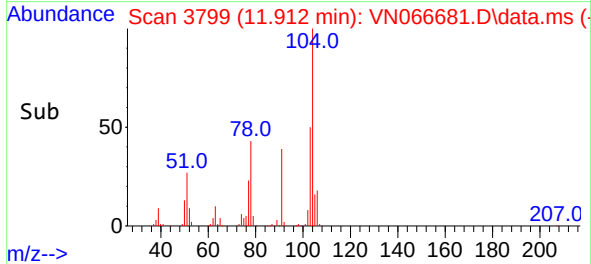




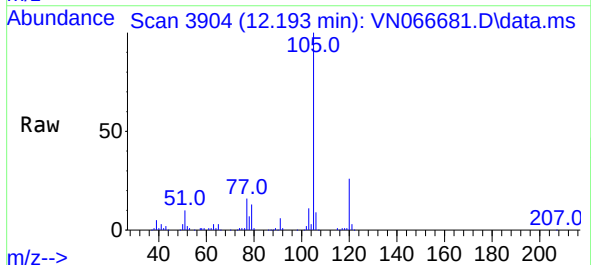
#69  
Styrene  
Concen: 18.16 ug/l  
RT: 11.912 min Scan# 3799  
Delta R.T. 0.003 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



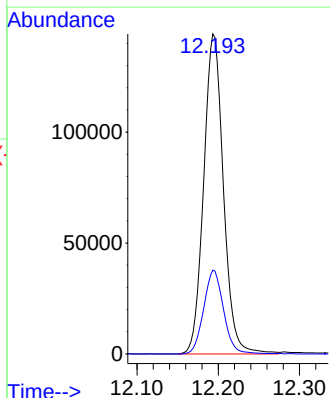
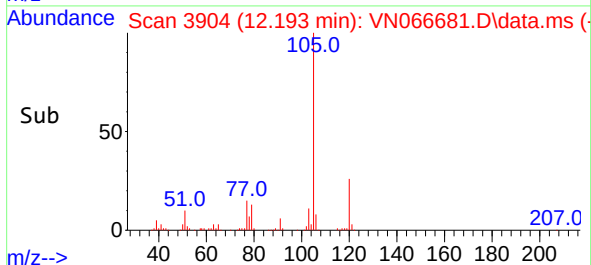
Tgt Ion:104 Resp: 146220  
Ion Ratio Lower Upper  
104 100  
78 49.3 41.0 61.6  
103 55.8 43.7 65.5



#70  
Isopropylbenzene  
Concen: 18.63 ug/l  
RT: 12.193 min Scan# 3904  
Delta R.T. 0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



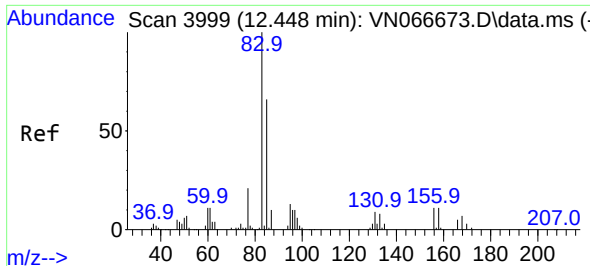
Tgt Ion:105 Resp: 243719  
Ion Ratio Lower Upper  
105 100  
120 26.3 18.7 34.7



Instrument :  
MSVOA\_N  
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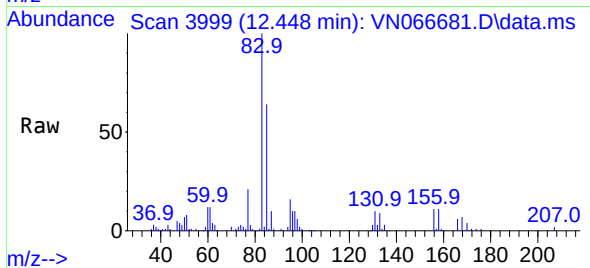
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#71  
1,1,2,2-Tetrachloroethane  
Concen: 20.11 ug/l  
RT: 12.448 min Scan# 3999  
Delta R.T. 0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

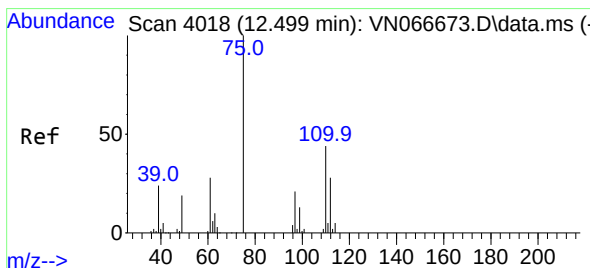
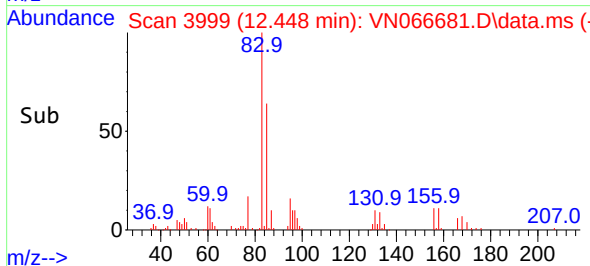
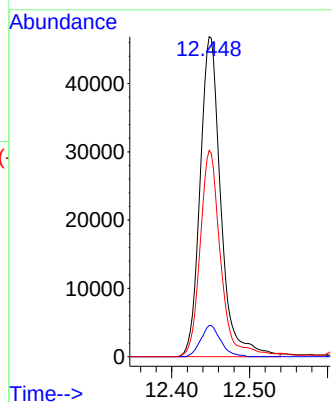
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 131     | 9.4   | 4.9   | 14.6  |
| 85      | 61.3  | 31.4  | 94.2  |

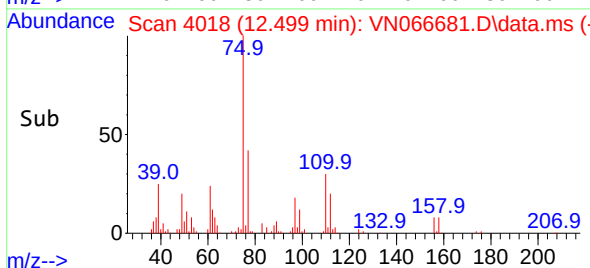
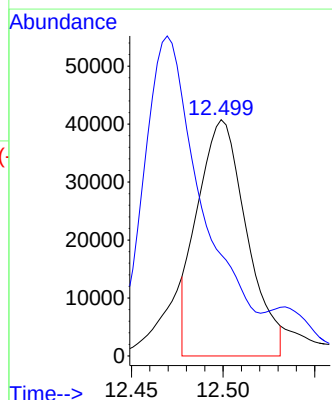
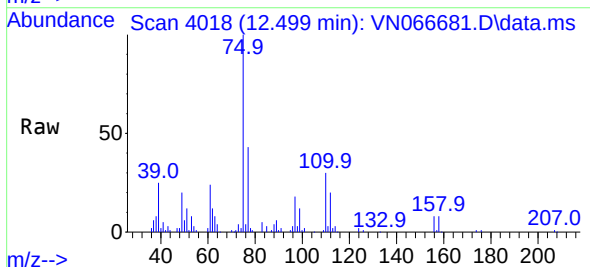
Manual Integrations  
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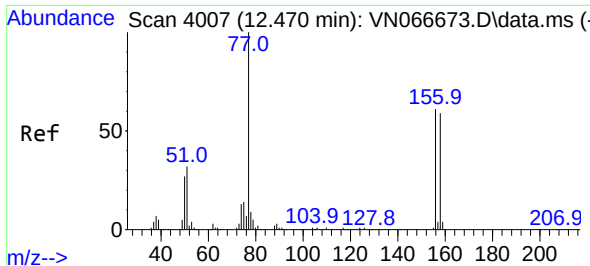
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#72  
1,2,3-Trichloropropane  
Concen: 20.14 ug/l m  
RT: 12.499 min Scan# 4018  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 163.7 | 0.0   | 310.8 |





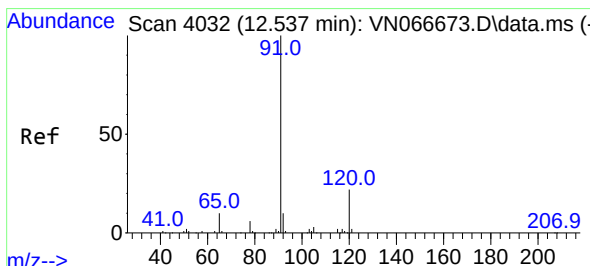
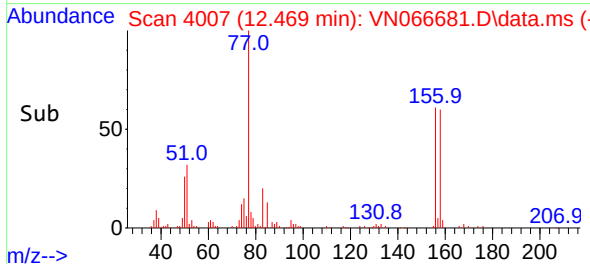
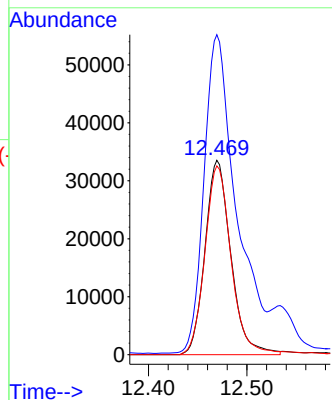
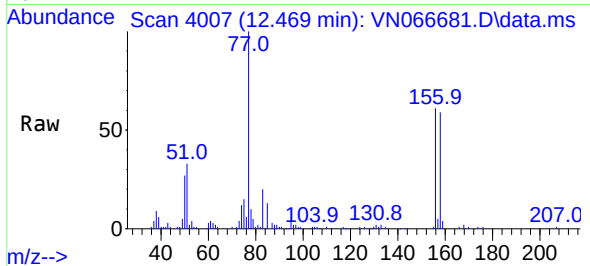
#73  
Bromobenzene  
Concen: 18.58 ug/l  
RT: 12.469 min Scan# 4007  
Delta R.T. -0.001 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion: 156 Resp: 61474  
Ion Ratio Lower Upper  
156 100  
77 201.7 0.0 399.6  
158 98.9 0.0 192.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

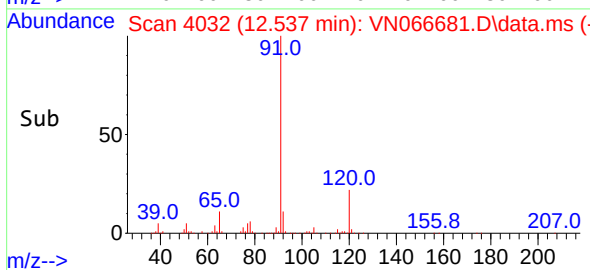
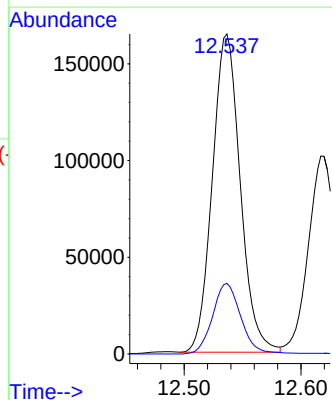
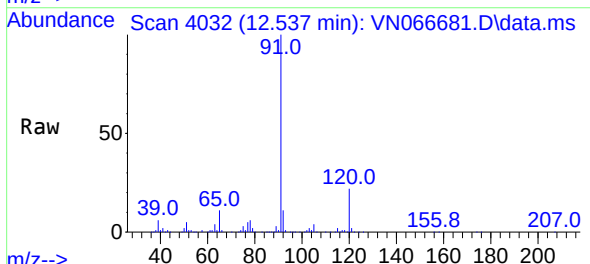
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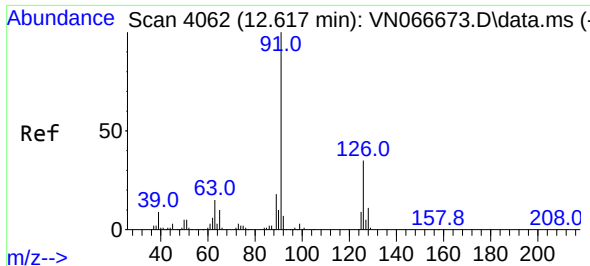


#74  
n-propylbenzene  
Concen: 17.99 ug/l  
RT: 12.537 min Scan# 4032  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion: 91 Resp: 273154  
Ion Ratio Lower Upper  
91 100  
120 22.5 0.0 45.2

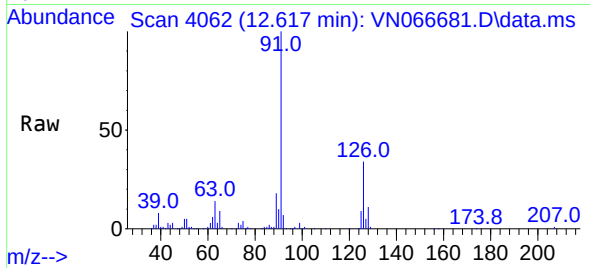






#75  
2-Chlorotoluene  
Concen: 18.74 ug/l  
RT: 12.617 min Scan# 4062  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

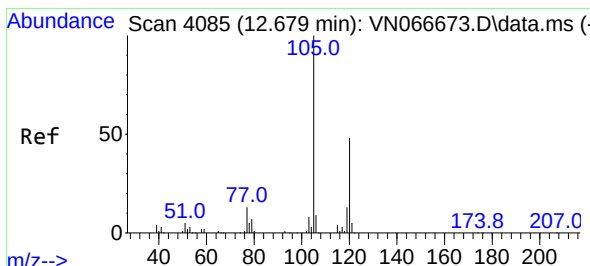
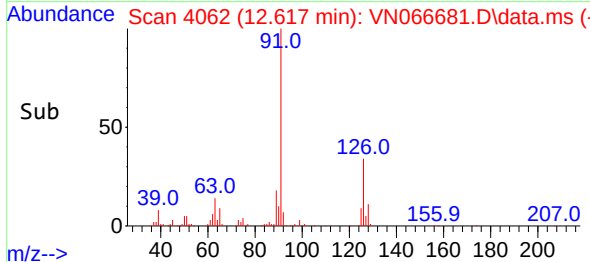
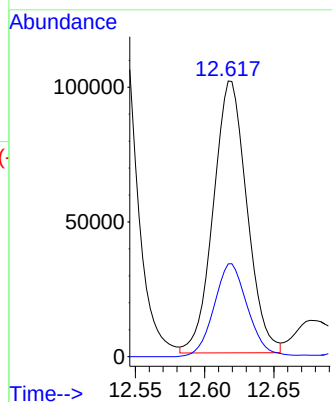
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01



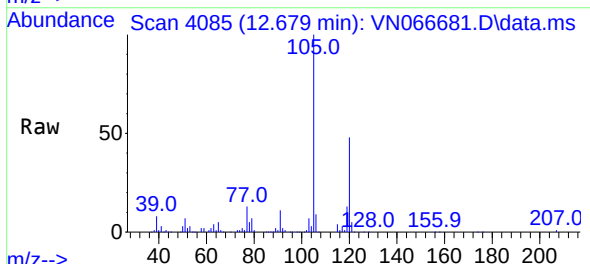
Tgt Ion: 91 Resp: 170370  
Ion Ratio Lower Upper  
91 100  
126 34.2 0.0 68.6

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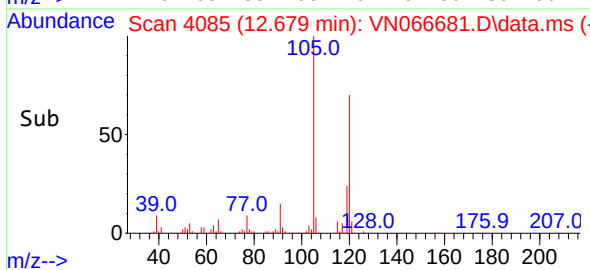
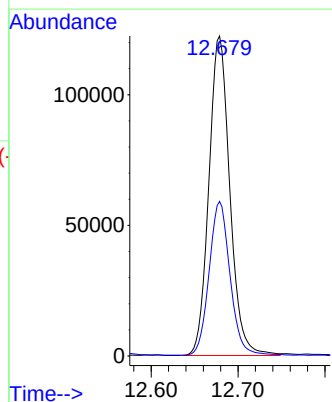
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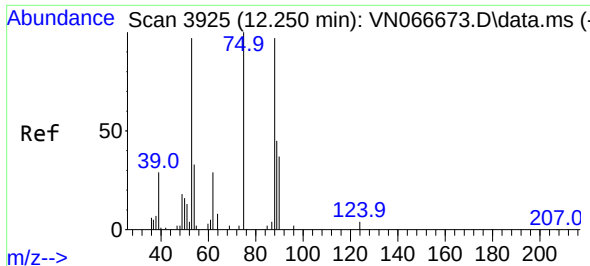


#76  
1,3,5-Trimethylbenzene  
Concen: 18.52 ug/l  
RT: 12.679 min Scan# 4085  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

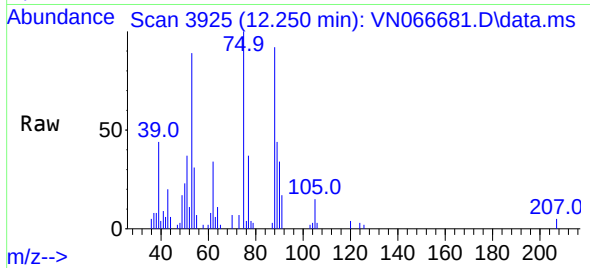


Tgt Ion: 105 Resp: 204896  
Ion Ratio Lower Upper  
105 100  
120 48.0 0.0 98.2

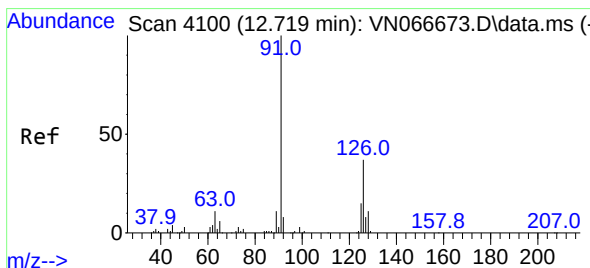
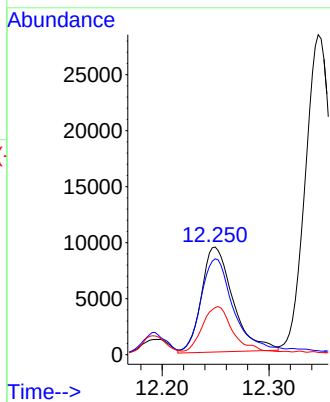
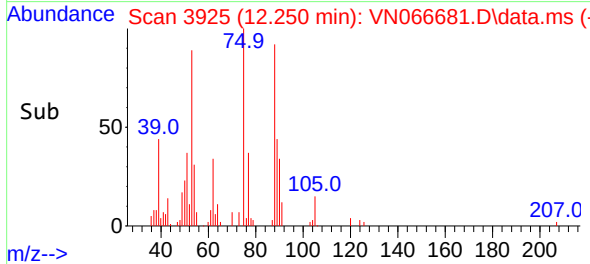




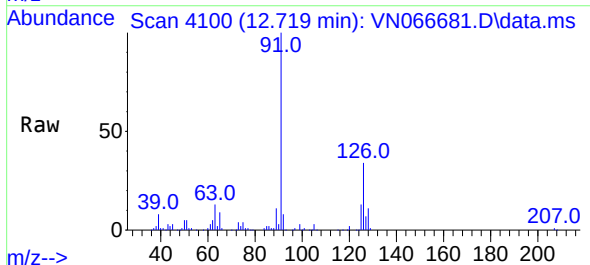
#77  
t-1,4-Dichloro-2-butene  
Concen: 16.23 ug/l  
RT: 12.250 min Scan# 3925  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



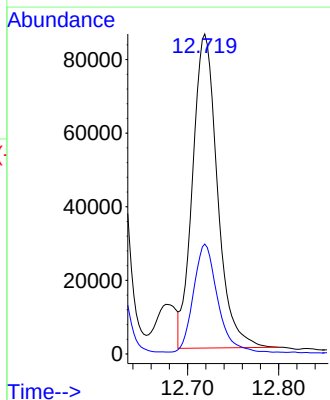
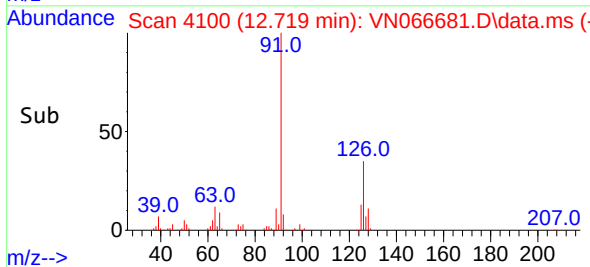
Tgt Ion: 75 Resp: 19277  
Ion Ratio Lower Upper  
75 100  
53 88.5 49.6 149.0  
89 42.4 22.9 68.7



#78  
4-Chlorotoluene  
Concen: 18.11 ug/l  
RT: 12.719 min Scan# 4100  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



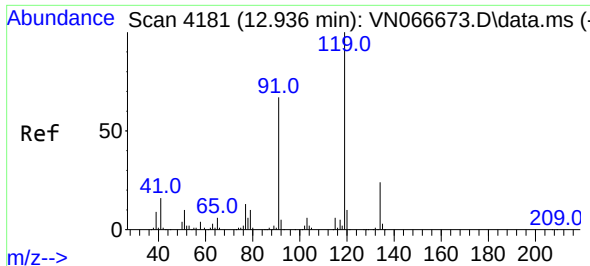
Tgt Ion: 91 Resp: 161363  
Ion Ratio Lower Upper  
91 100  
126 33.2 0.0 65.4



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

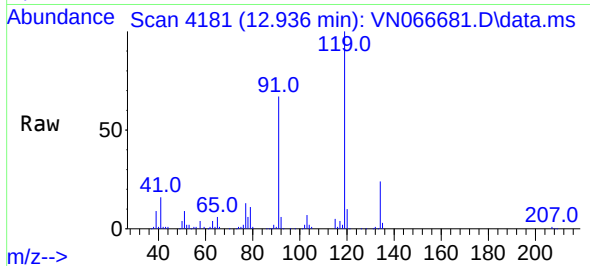
Manual Integrations  
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#79  
tert-butylbenzene  
Concen: 18.43 ug/l  
RT: 12.936 min Scan# 4181  
Delta R.T. 0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

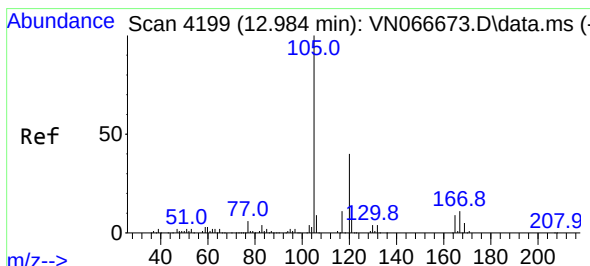
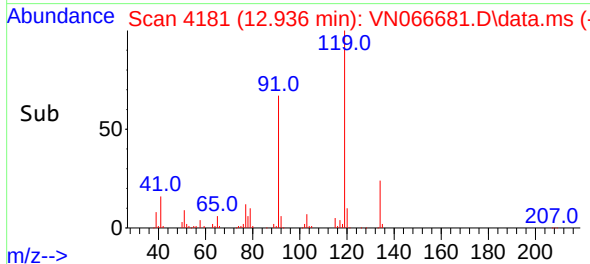
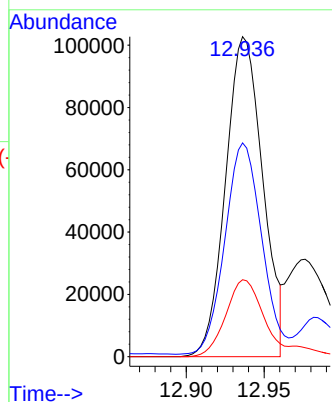
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01



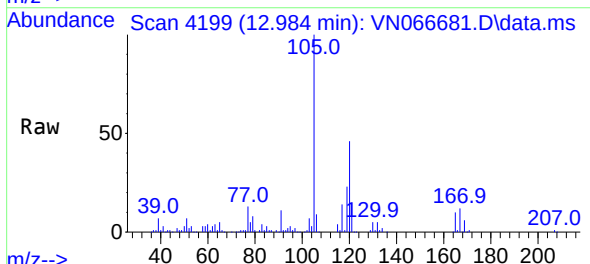
Tgt Ion:119 Resp: 170728  
Ion Ratio Lower Upper  
119 100  
91 65.3 0.0 133.4  
134 24.3 0.0 51.0

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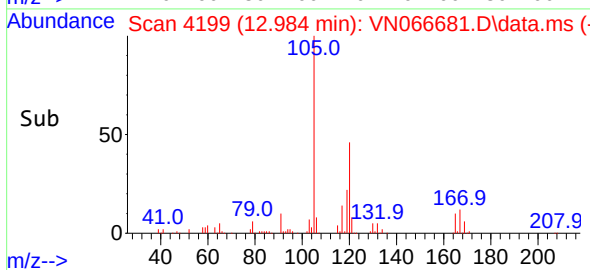
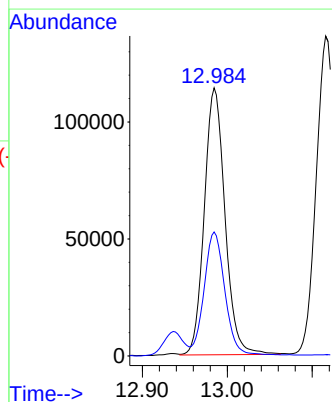
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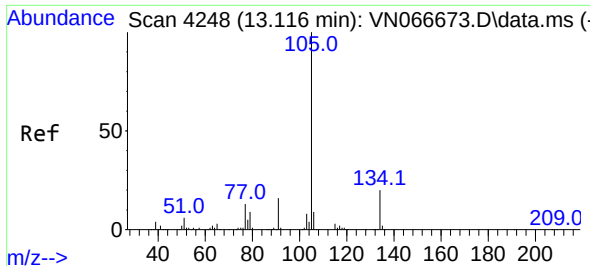


#80  
1,2,4-Trimethylbenzene  
Concen: 18.18 ug/l  
RT: 12.984 min Scan# 4199  
Delta R.T. 0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



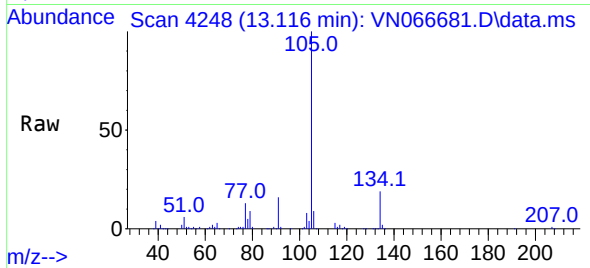
Tgt Ion:105 Resp: 192899  
Ion Ratio Lower Upper  
105 100  
120 46.3 0.0 90.6





#81  
 sec-Butylbenzene  
 Concen: 18.44 ug/l  
 RT: 13.116 min Scan# 4248  
 Delta R.T. -0.000 min  
 Lab File: VN066681.D  
 Acq: 20 Apr 2021 14:53

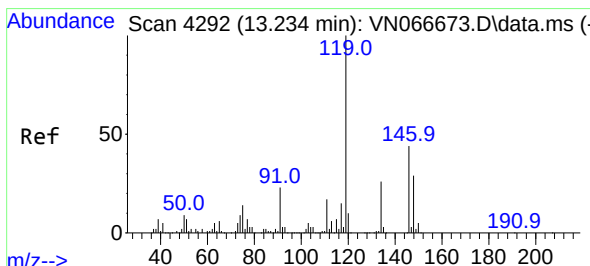
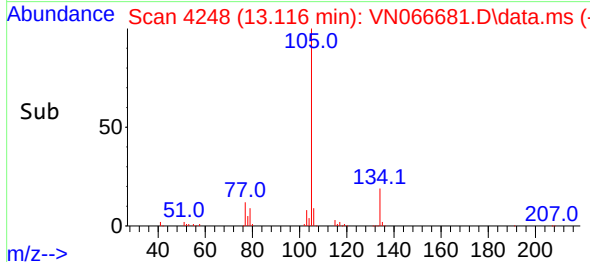
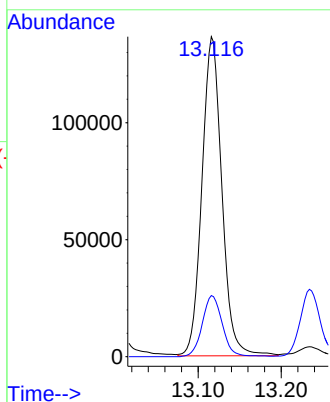
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0420WBSD01



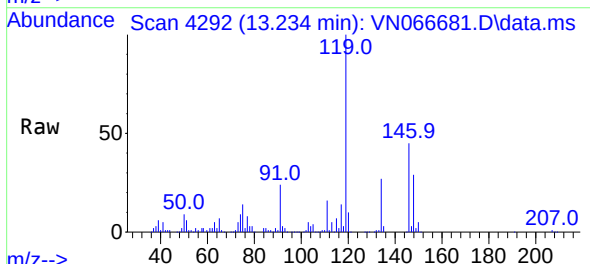
Tgt Ion:105 Resp: 227297  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 0.0 40.0

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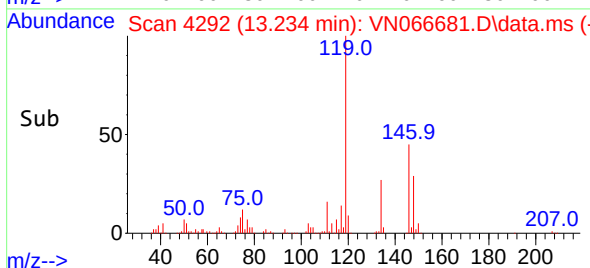
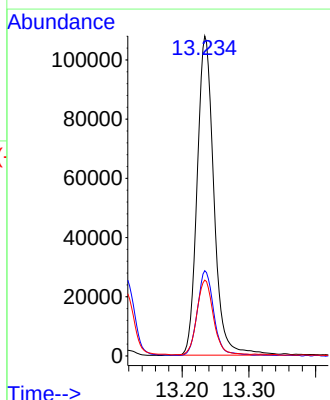
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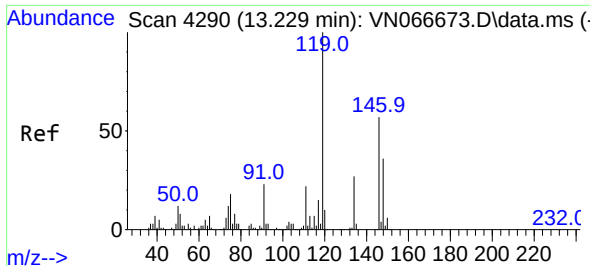


#82  
 p-Isopropyltoluene  
 Concen: 17.81 ug/l  
 RT: 13.234 min Scan# 4292  
 Delta R.T. -0.000 min  
 Lab File: VN066681.D  
 Acq: 20 Apr 2021 14:53

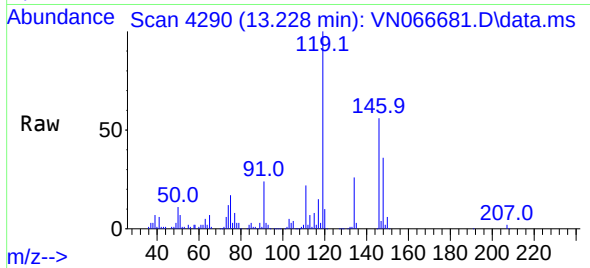


Tgt Ion:119 Resp: 187769  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 0.0 53.4  
 91 23.2 0.0 47.6

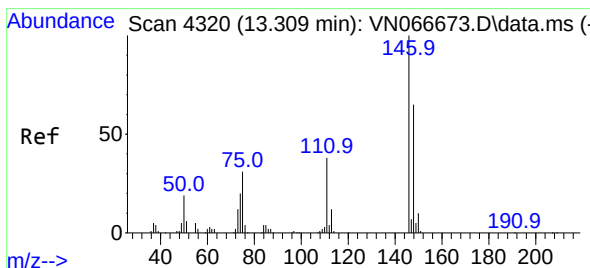
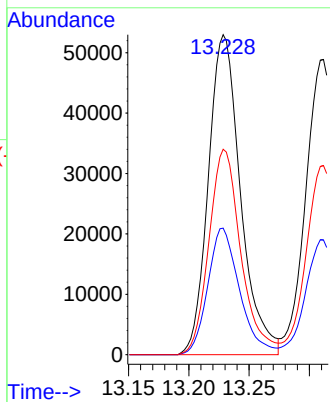
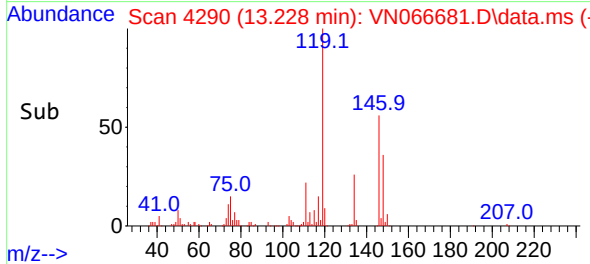




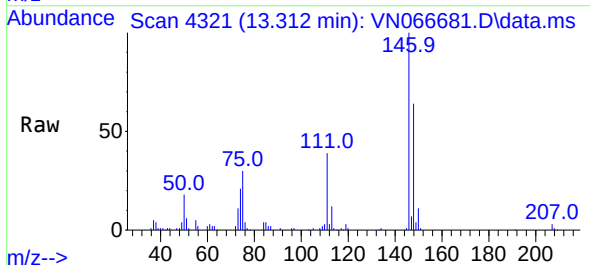
#83  
1,3-Dichlorobenzene  
Concen: 17.94 ug/l  
RT: 13.228 min Scan# 4290  
Delta R.T. -0.001 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



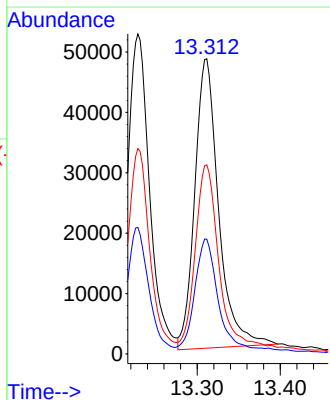
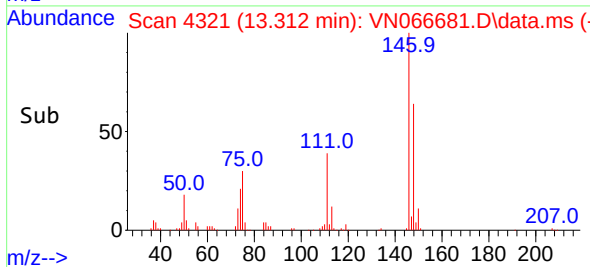
Tgt Ion:146 Resp: 98553  
Ion Ratio Lower Upper  
146 100  
111 39.1 19.3 57.9  
148 63.8 31.9 95.9



#84  
1,4-Dichlorobenzene  
Concen: 18.02 ug/l  
RT: 13.312 min Scan# 4321  
Delta R.T. 0.003 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



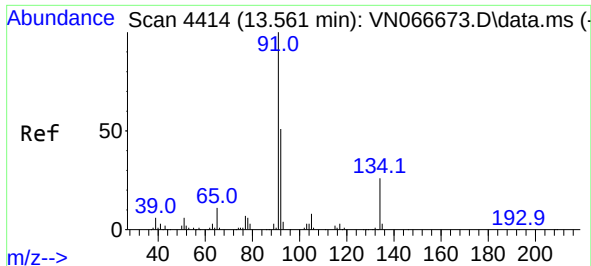
Tgt Ion:146 Resp: 95575  
Ion Ratio Lower Upper  
146 100  
111 36.7 18.4 55.0  
148 57.9 31.9 95.5



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

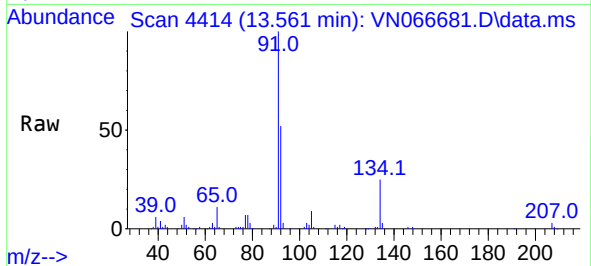
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#85  
n-Butylbenzene  
Concen: 17.09 ug/l  
RT: 13.561 min Scan# 4414  
Delta R.T. 0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

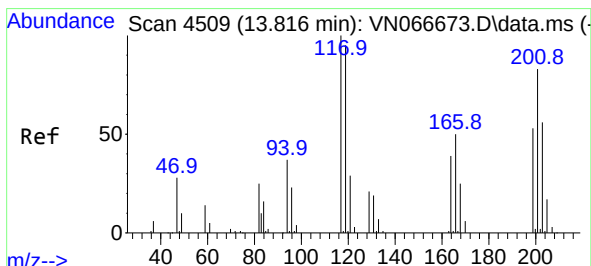
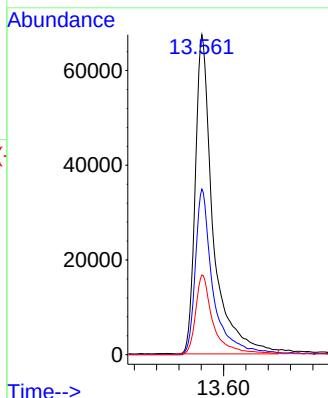
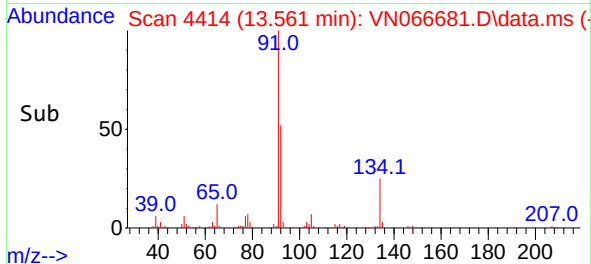
Instrument :  
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ClientSampleId :  
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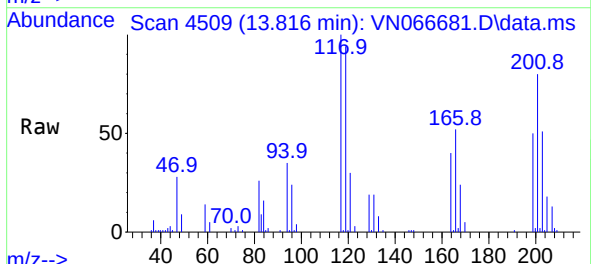
Tgt Ion: 91 Resp: 149781  
Ion Ratio Lower Upper  
91 100  
92 50.0 0.0 102.6  
134 24.6 0.0 49.0

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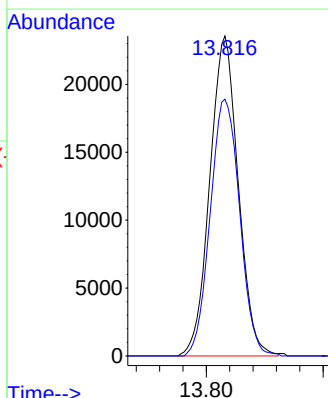
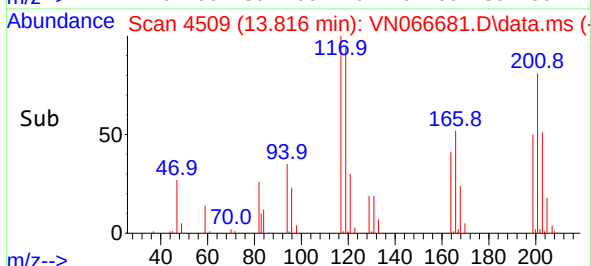
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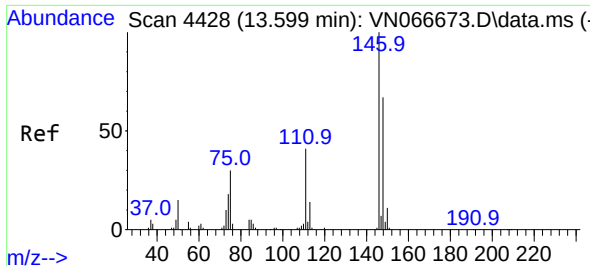


#86  
Hexachloroethane  
Concen: 17.95 ug/l  
RT: 13.816 min Scan# 4509  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

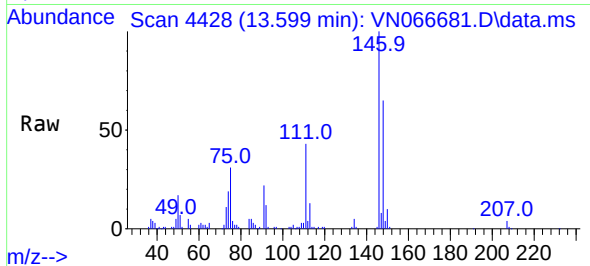


Tgt Ion: 117 Resp: 39834  
Ion Ratio Lower Upper  
117 100  
201 82.9 43.3 129.8

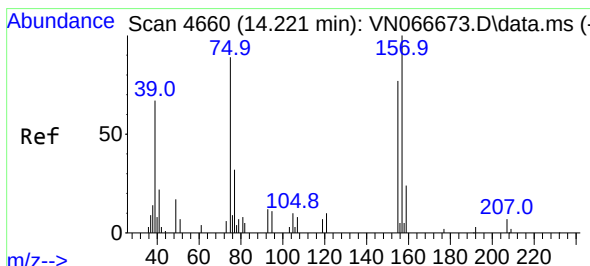
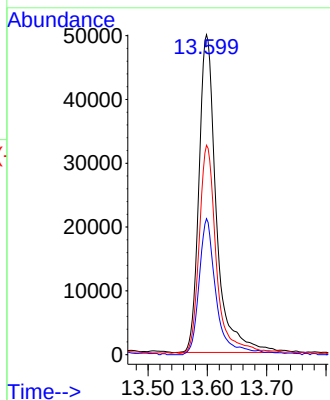
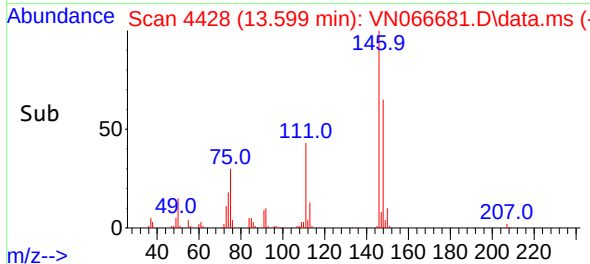




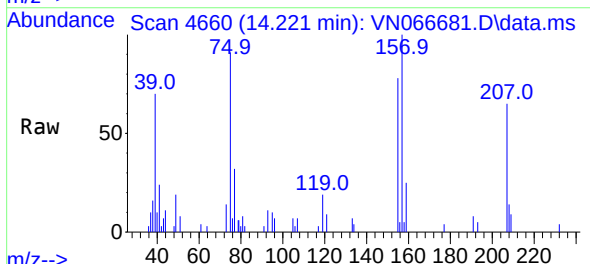
#87  
1,2-Dichlorobenzene  
Concen: 18.86 ug/l  
RT: 13.599 min Scan# 4428  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



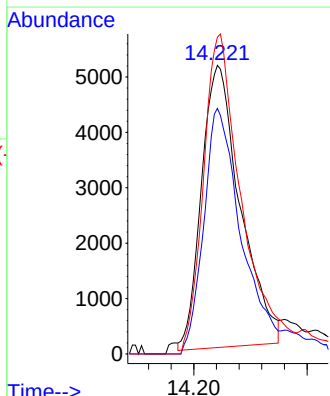
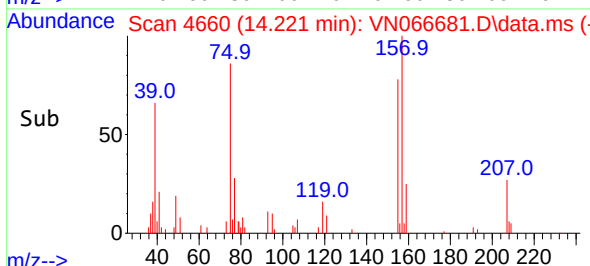
Tgt Ion:146 Resp: 101772  
Ion Ratio Lower Upper  
146 100  
111 39.8 20.3 60.9  
148 64.1 32.0 96.0



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 16.33 ug/l  
RT: 14.221 min Scan# 4660  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



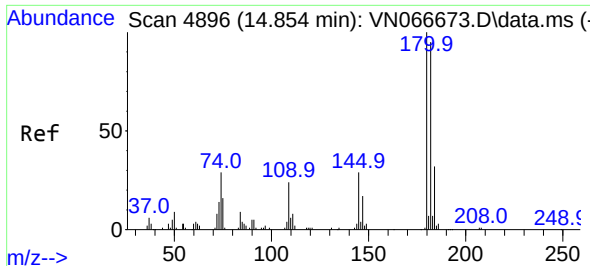
Tgt Ion: 75 Resp: 12120  
Ion Ratio Lower Upper  
75 100  
155 84.1 68.3 102.5  
157 113.1 87.8 131.6



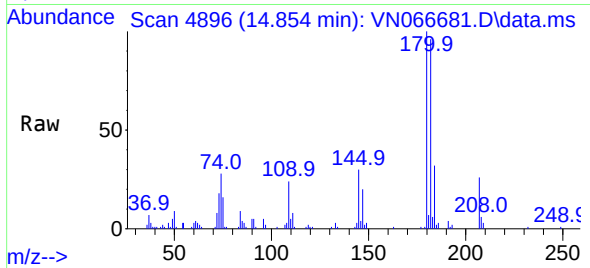
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

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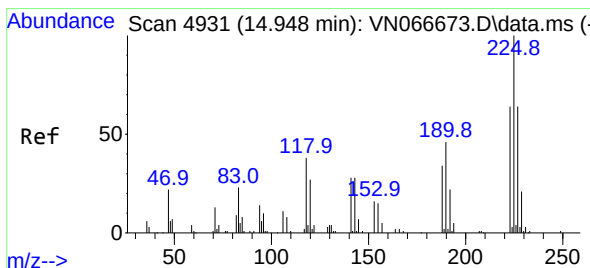
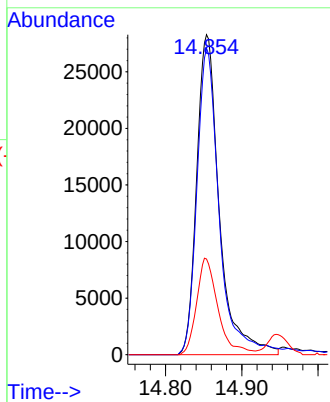
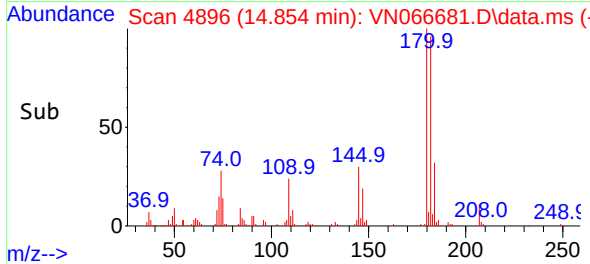
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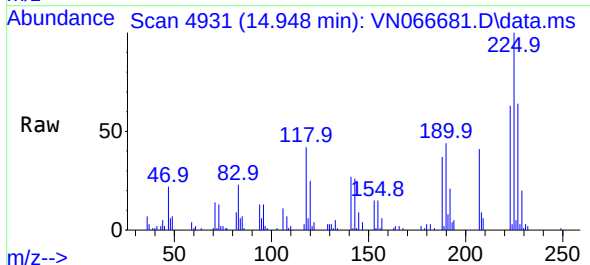
#89  
1,2,4-Trichlorobenzene  
Concen: 18.69 ug/l  
RT: 14.854 min Scan# 4896  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



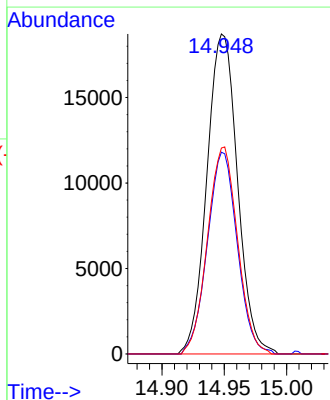
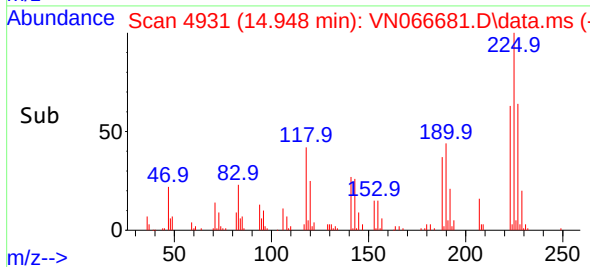
Tgt Ion:180 Resp: 58300  
Ion Ratio Lower Upper  
180 100  
182 92.9 74.3 111.5  
145 28.6 23.4 35.0



#90  
Hexachlorobutadiene  
Concen: 18.34 ug/l  
RT: 14.948 min Scan# 4931  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53



Tgt Ion:225 Resp: 32039  
Ion Ratio Lower Upper  
225 100  
223 61.4 0.0 124.6  
227 63.5 0.0 126.6

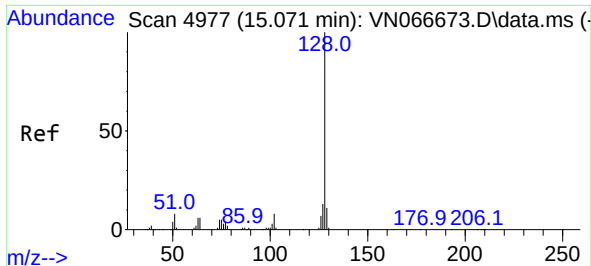


Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

Manual Integrations  
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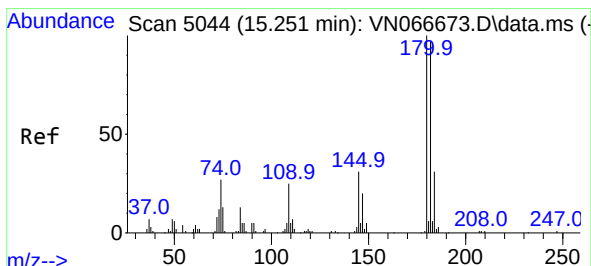
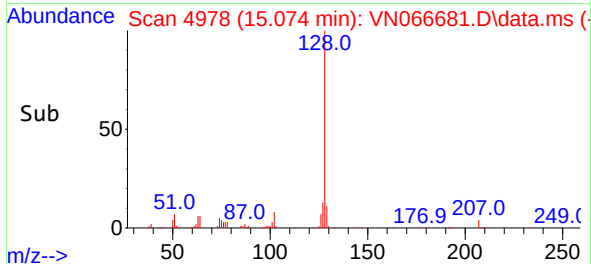
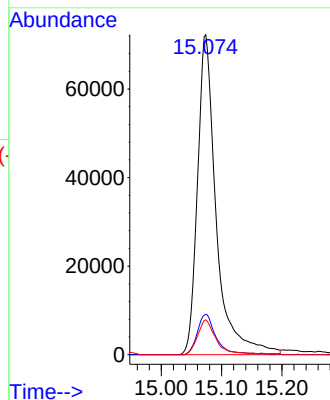
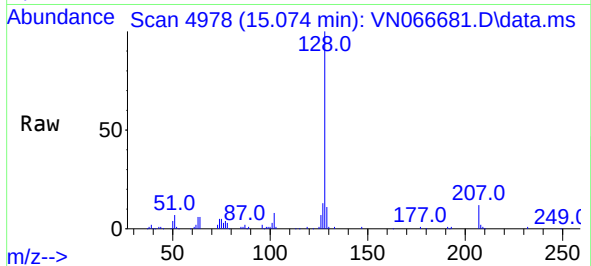
#91  
Naphthalene  
Concen: 20.88 ug/l  
RT: 15.074 min Scan# 4978  
Delta R.T. 0.003 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion:128 Resp: 156539  
Ion Ratio Lower Upper  
128 100  
127 12.4 10.2 15.2  
129 10.7 8.6 13.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0420WBSD01

Manual Integrations  
APPROVED

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#92  
1,2,3-Trichlorobenzene  
Concen: 19.07 ug/l  
RT: 15.251 min Scan# 5044  
Delta R.T. -0.000 min  
Lab File: VN066681.D  
Acq: 20 Apr 2021 14:53

Tgt Ion:180 Resp: 56246  
Ion Ratio Lower Upper  
180 100  
182 99.2 0.0 190.0  
145 29.1 0.0 60.8

