

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020321\  
 Data File : VN065697.D  
 Acq On : 3 Feb 2021 13:39  
 Operator : JC/MD  
 Sample : VSTDIC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC050

Manual Integrations  
 APPROVED

MMDadoda  
 2/4/2021 10:33:13 AM

Quant Time: Feb 03 14:01:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N020321W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Feb 03 13:35:42 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon     | Response | Conc   | Units   | Dev(Min) |
|------------------------------|--------|----------|----------|--------|---------|----------|
| -----                        |        |          |          |        |         |          |
| Internal Standards           |        |          |          |        |         |          |
| 1) Bromochloromethane        | 7.151  | 128      | 30316    | 30.00  | ug/l    | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.547  | 114      | 172399   | 30.00  | ug/l    | 0.00     |
| 57) Chlorobenzene-d5         | 11.376 | 117      | 151992   | 30.00  | ug/l    | 0.00     |
|                              |        |          |          |        |         |          |
| System Monitoring Compounds  |        |          |          |        |         |          |
| 27) 1,2-Dichloroethane-d4    | 7.984  | 65       | 62086    | 32.14  | ug/l    | 0.00     |
| Spiked Amount 30.000         | Range  | 91 - 110 | Recovery | =      | 107.13% |          |
| 60) 4-Bromofluorobenzene     | 12.373 | 95       | 75107    | 31.97  | ug/l    | 0.00     |
| Spiked Amount 30.000         | Range  | 63 - 112 | Recovery | =      | 106.57% |          |
| 63) Toluene-d8               | 10.058 | 98       | 215553   | 31.74  | ug/l    | 0.00     |
| Spiked Amount 30.000         | Range  | 91 - 112 | Recovery | =      | 105.80% |          |
|                              |        |          |          |        |         |          |
| Target Compounds             |        |          |          |        |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.837  | 85       | 94011    | 60.62  | ug/l    | 94       |
| 3) Chloromethane             | 2.036  | 50       | 134585   | 67.59  | ug/l    | 99       |
| 4) Vinyl Chloride            | 2.168  | 62       | 134877   | 62.64  | ug/l    | 97       |
| 5) Bromomethane              | 2.537  | 94       | 80812    | 54.95  | ug/l    | 100      |
| 6) Chloroethane              | 2.679  | 64       | 78105    | 57.35  | ug/l    | 97       |
| 7) Trichlorofluoromethane    | 2.994  | 101      | 140780   | 51.78  | ug/l    | 100      |
| 8) Diethyl Ether             | 3.380  | 74       | 64267    | 57.03  | ug/l    | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 3.717  | 101      | 86509    | 53.37  | ug/l    | 91       |
| 10) 1,1-Dichloroethene       | 3.695  | 96       | 90840    | 54.21  | ug/l    | 94       |
| 11) Methyl Iodide            | 3.907  | 142      | 130539   | 50.39  | ug/l    | 97       |
| 12) Methyl Acetate           | 4.283  | 43       | 107031   | 62.71  | ug/l    | 95       |
| 13) Acrolein                 | 3.570  | 56       | 72093    | 255.42 | ug/l    | 100      |
| 14) Acrylonitrile            | 4.936  | 53       | 246828   | 320.44 | ug/l    | 98       |
| 15) Acetone                  | 3.782  | 58       | 71946    | 295.59 | ug/l    | 82       |
| 16) Carbon Disulfide         | 4.007  | 76       | 279151   | 64.86  | ug/l    | 97       |
| 17) Allyl chloride           | 4.274  | 41       | 176524   | 69.95  | ug/l    | 91       |
| 18) Methylene Chloride       | 4.502  | 84       | 105249   | 57.13  | ug/l    | 95       |
| 19) trans-1,2-Dichloroethene | 4.988  | 96       | 98836    | 57.87  | ug/l    | 93       |
| 20) Diisopropyl ether        | 5.907  | 45       | 348849   | 66.48  | ug/l    | 93       |
| 21) 1,1-Dichloroethane       | 5.795  | 63       | 192321   | 62.60  | ug/l    | 99       |
| 22) cis-1,2-Dichloroethene   | 6.782  | 96       | 113653   | 57.22  | ug/l    | 94       |
| 23) tert-Butyl Alcohol       | 4.759  | 59       | 87317    | 350.98 | ug/l #  | 100      |
| 24) Methyl tert-Butyl Ether  | 5.000  | 73       | 302850   | 60.06  | ug/l    | 99       |
| 25) Chloroform               | 7.328  | 83       | 175249   | 56.60  | ug/l    | 97       |
| 26) Cyclohexane              | 7.611  | 56       | 179755   | 67.57  | ug/l #  | 90       |
| 29) 1,1-Dichloropropene      | 7.750  | 75       | 142593   | 57.08  | ug/l    | 97       |
| 30) 2-Butanone               | 6.795  | 43       | 316006   | 306.55 | ug/l    | 96       |
| 31) 2,2-Dichloropropane      | 6.775  | 77       | 148853   | 57.53  | ug/l    | 100      |
| 32) 1,1,1-Trichloroethane    | 7.528  | 97       | 141125   | 51.37  | ug/l    | 98       |
| 33) Carbon Tetrachloride     | 7.730  | 117      | 118100   | 49.18  | ug/l    | 98       |
| 34) Benzene                  | 8.000  | 78       | 440784   | 57.41  | ug/l #  | 91       |
| 35) Methacrylonitrile        | 7.126  | 41       | 66696    | 64.30  | ug/l    | 94       |
| 36) 1,2-Dichloroethane       | 8.084  | 62       | 132387   | 53.42  | ug/l    | 99       |
| 37) Trichloroethene          | 8.798  | 130      | 106479   | 48.28  | ug/l    | 90       |
| 38) Methylcyclohexane        | 9.042  | 83       | 168665   | 57.77  | ug/l    | 96       |
| 39) 1,2-Dichloropropane      | 9.084  | 63       | 118858   | 59.17  | ug/l    | 98       |
| 40) Dibromomethane           | 9.174  | 93       | 66895    | 51.25  | ug/l    | 84       |
| 41) Bromodichloromethane     | 9.370  | 83       | 137368   | 53.86  | ug/l    | 99       |
| 42) Vinyl Acetate            | 5.846  | 43       | 1414030  | 317.04 | ug/l    | 97       |

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 Sample : VSTDIC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC050

Manual Integrations  
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 2/4/2021 10:33:13 AM

Quant Time: Feb 03 14:01:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N020321W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Feb 03 13:35:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 6.888  | 43   | 136048   | 62.30   | ug/l   | 97       |
| 44) Isopropyl Acetate         | 8.129  | 43   | 225490   | 61.60   | ug/l   | 97       |
| 45) 1,4-Dioxane               | 9.174  | 88   | 37633    | 1377.61 | ug/l   | 92       |
| 46) Methyl methacrylate       | 9.164  | 41   | 107088   | 59.70   | ug/l   | 95       |
| 47) n-amyl Acetate            | 12.039 | 43   | 193754   | 61.72   | ug/l   | 96       |
| 48) t-1,3-Dichloropropene     | 10.351 | 75   | 163476   | 56.80   | ug/l   | 97       |
| 49) cis-1,3-Dichloropropene   | 9.807  | 75   | 184896   | 58.37   | ug/l   | 98       |
| 50) 1,1,2-Trichloroethane     | 10.531 | 97   | 99790    | 52.32   | ug/l   | 95       |
| 51) Ethyl methacrylate        | 10.399 | 69   | 162550   | 59.04   | ug/l   | 96       |
| 52) 1,3-Dichloropropane       | 10.675 | 76   | 178666   | 55.60   | ug/l   | 99       |
| 53) Dibromochloromethane      | 10.872 | 129  | 100452   | 48.10   | ug/l   | 100      |
| 54) 1,2-Dibromoethane         | 10.974 | 107  | 101054   | 49.96   | ug/l   | 97       |
| 55) 2-Chloroethyl vinyl ether | 9.663  | 63   | 357399   | 288.76  | ug/l   | 97       |
| 56) Bromoform                 | 12.097 | 173  | 64133    | 40.45   | ug/l # | 96       |
| 58) 4-Methyl-2-Pentanone      | 9.952  | 43   | 648319   | 309.37  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.720 | 43   | 461099   | 304.14  | ug/l   | 99       |
| 61) Tetrachloroethene         | 10.598 | 164  | 103553   | 44.31   | ug/l   | 92       |
| 62) Toluene                   | 10.122 | 91   | 456668   | 56.74   | ug/l   | 100      |
| 64) Chlorobenzene             | 11.402 | 112  | 270986   | 52.71   | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 11.476 | 131  | 93172    | 48.86   | ug/l   | 96       |
| 66) Ethyl Benzene             | 11.479 | 91   | 488721   | 55.61   | ug/l   | 98       |
| 67) m/p-Xylenes               | 11.592 | 106  | 364413   | 106.92  | ug/l   | 97       |
| 68) o-Xylene                  | 11.917 | 106  | 178435   | 54.05   | ug/l   | 97       |
| 69) Styrene                   | 11.933 | 104  | 294916   | 54.00   | ug/l   | 98       |
| 70) Isopropylbenzene          | 12.219 | 105  | 462632   | 53.79   | ug/l   | 98       |
| 71) 1,1,2,2-Tetrachloroethane | 12.473 | 83   | 133325   | 54.15   | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 12.524 | 75   | 133358m  | 56.14   | ug/l   |          |
| 73) Bromobenzene              | 12.495 | 156  | 103285   | 43.78   | ug/l   | 70       |
| 74) n-propylbenzene           | 12.560 | 91   | 538677   | 55.74   | ug/l   | 96       |
| 75) 2-Chlorotoluene           | 12.643 | 91   | 321980   | 55.06   | ug/l   | 92       |
| 76) 1,3,5-Trimethylbenzene    | 12.704 | 105  | 387777   | 52.94   | ug/l   | 97       |
| 77) t-1,4-Dichloro-2-butene   | 12.270 | 75   | 51865    | 61.40   | ug/l   | 94       |
| 78) 4-Chlorotoluene           | 12.743 | 91   | 323303   | 55.03   | ug/l   | 94       |
| 79) tert-butylbenzene         | 12.965 | 119  | 316386   | 50.49   | ug/l   | 97       |
| 80) 1,2,4-Trimethylbenzene    | 13.010 | 105  | 387853   | 53.22   | ug/l   | 99       |
| 81) sec-Butylbenzene          | 13.142 | 105  | 425853   | 52.27   | ug/l   | 95       |
| 82) p-Isopropyltoluene        | 13.257 | 119  | 383781   | 50.83   | ug/l   | 98       |
| 83) 1,3-Dichlorobenzene       | 13.254 | 146  | 186944   | 47.31   | ug/l   | 97       |
| 84) 1,4-Dichlorobenzene       | 13.334 | 146  | 185438   | 47.91   | ug/l   | 97       |
| 85) n-Butylbenzene            | 13.585 | 91   | 337429   | 55.51   | ug/l   | 98       |
| 86) Hexachloroethane          | 13.842 | 117  | 66285    | 52.75   | ug/l   | 73       |
| 87) 1,2-Dichlorobenzene       | 13.624 | 146  | 185837   | 47.61   | ug/l   | 96       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.238 | 75   | 26736    | 59.26   | ug/l # | 80       |
| 89) 1,2,4-Trichlorobenzene    | 14.878 | 180  | 103375   | 50.63   | ug/l   | 98       |
| 90) Hexachlorobutadiene       | 14.977 | 225  | 42919    | 33.11   | ug/l   | 98       |
| 91) Naphthalene               | 15.100 | 128  | 327713   | 62.02   | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 15.280 | 180  | 103259   | 51.25   | ug/l   | 98       |

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

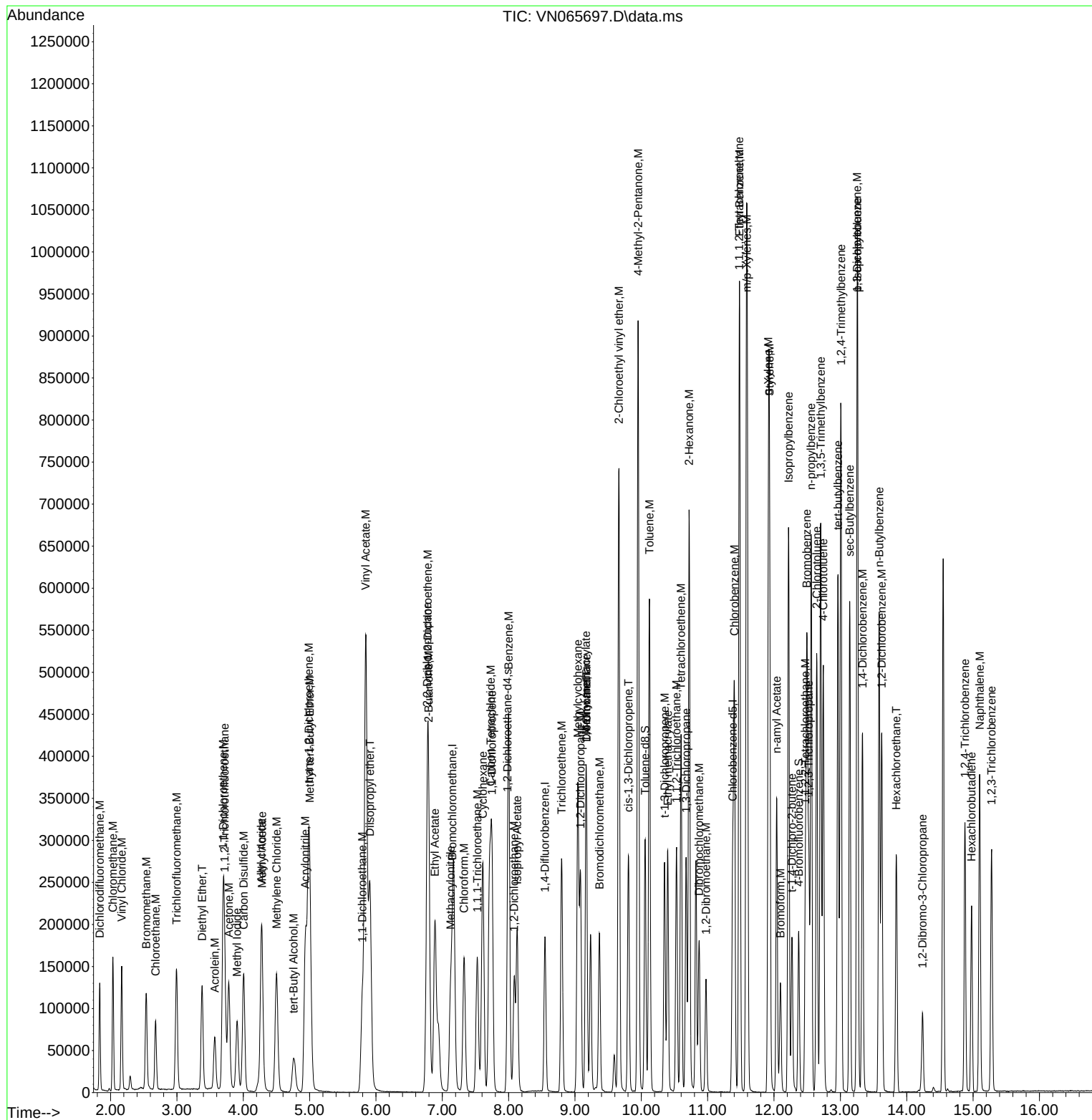
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020321\  
 Data File : VN065697.D  
 Acq On : 3 Feb 2021 13:39  
 Operator : JC/MD  
 Sample : VSTDIC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

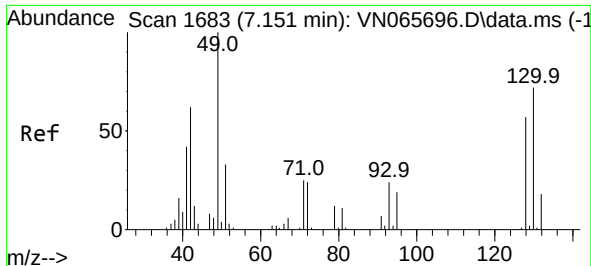
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC050

Manual Integrations  
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 2/4/2021 10:33:13 AM

Quant Time: Feb 03 14:01:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N020321W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Feb 03 13:35:42 2021  
 Response via : Initial Calibration





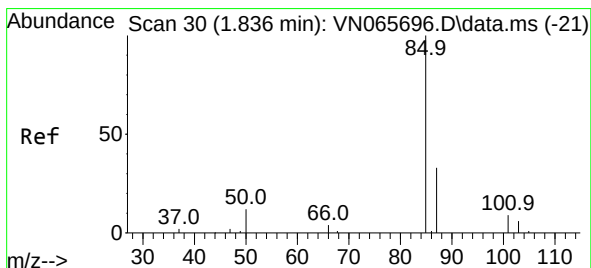
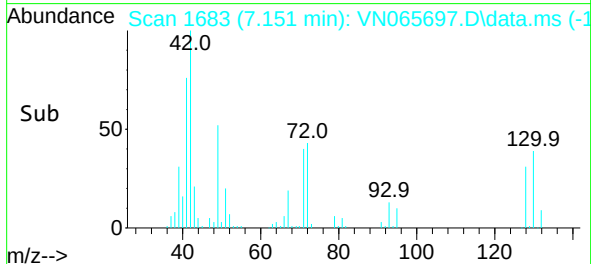
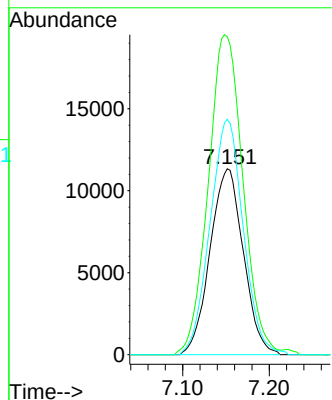
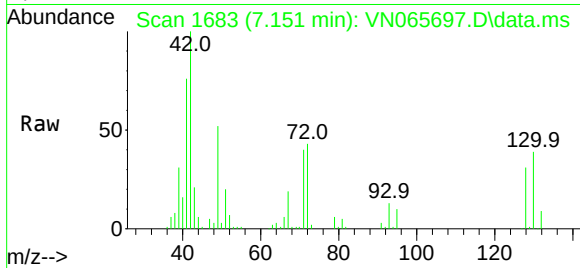
#1  
Bromochloromethane  
Concen: 30.00 ug/l  
RT: 7.151 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion:128 Resp: 30316  
Ion Ratio Lower Upper  
128 100  
49 178.7 0.0 355.0  
130 126.6 0.0 325.5

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC050

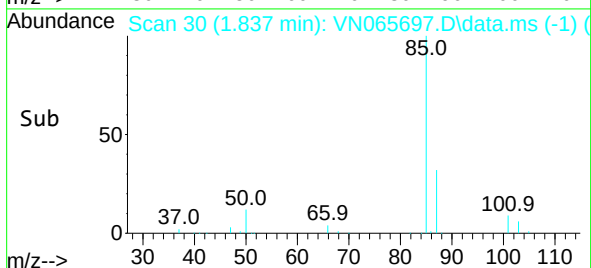
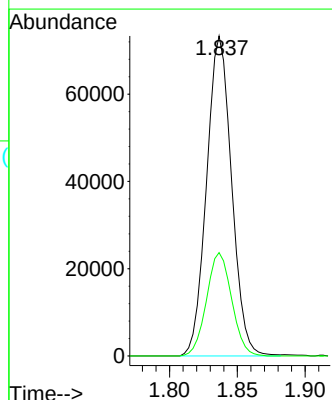
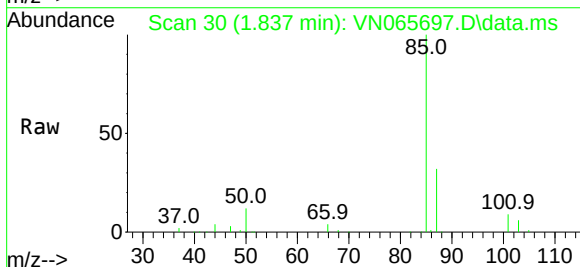
Manual Integrations  
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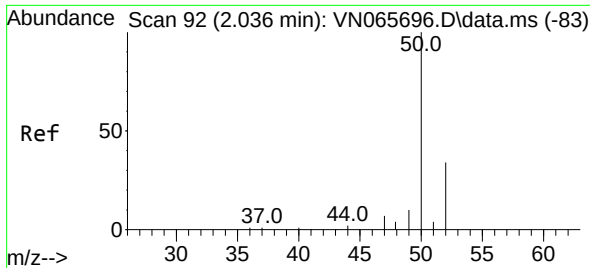
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2/4/2021 10:33:13 AM



#2  
Dichlorodifluoromethane  
Concen: 60.62 ug/l  
RT: 1.837 min Scan# 30  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 85 Resp: 94011  
Ion Ratio Lower Upper  
85 100  
87 32.3 14.6 43.8





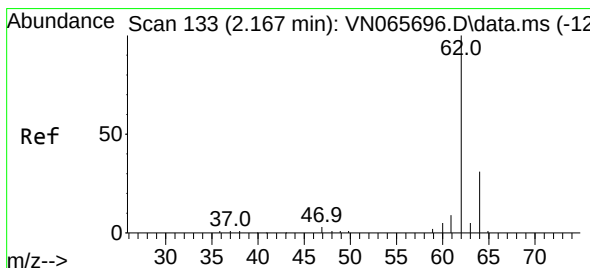
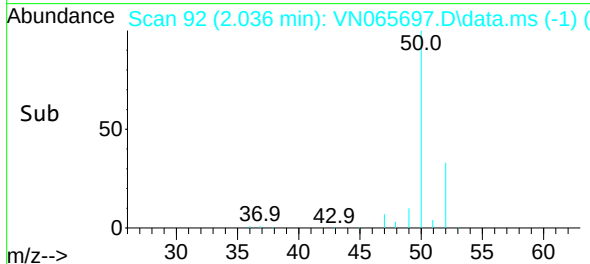
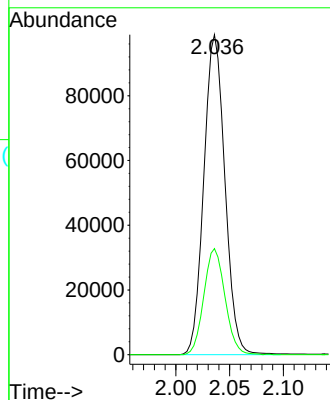
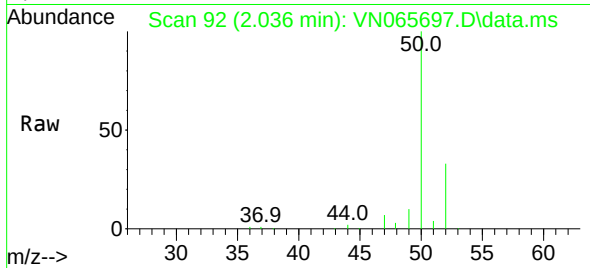
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Chloromethane  
Concen: 67.59 ug/l  
RT: 2.036 min Scan# 92  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 50 Resp: 134585  
Ion Ratio Lower Upper  
50 100  
52 33.1 26.8 40.2

Instrument :  
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VSTDIC050

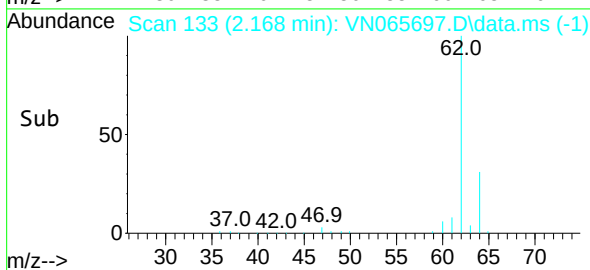
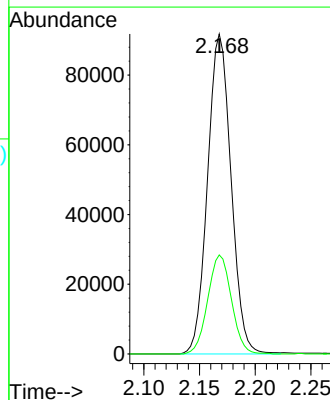
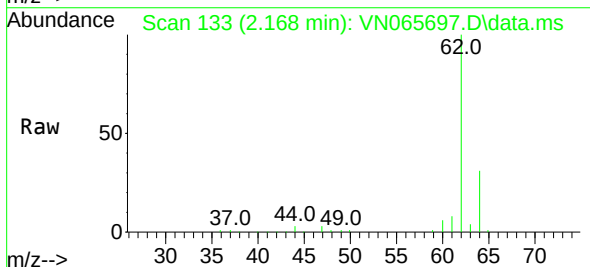
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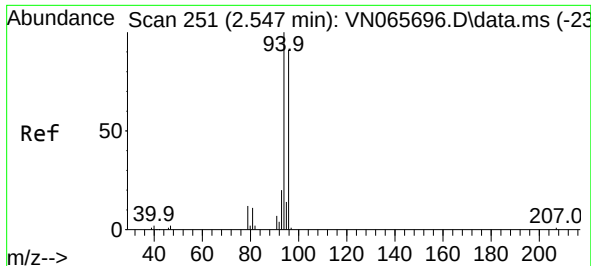
MMDadoda  
2/4/2021 10:33:13 AM



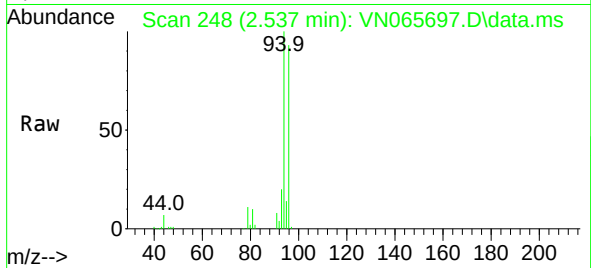
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Vinyl Chloride  
Concen: 62.64 ug/l  
RT: 2.168 min Scan# 133  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 62 Resp: 134877  
Ion Ratio Lower Upper  
62 100  
64 31.0 26.2 39.4

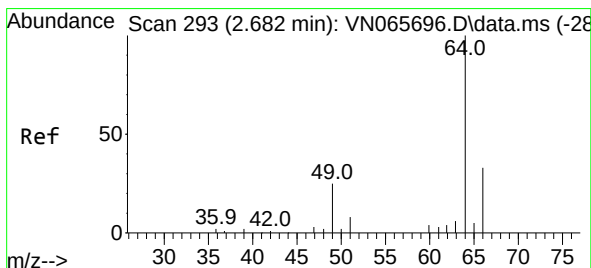
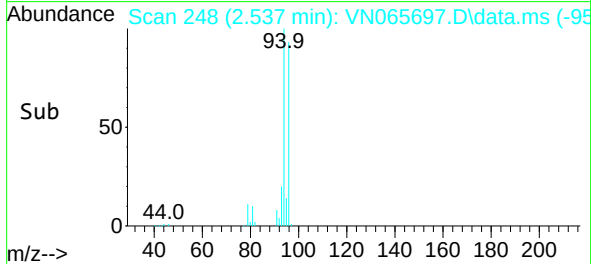
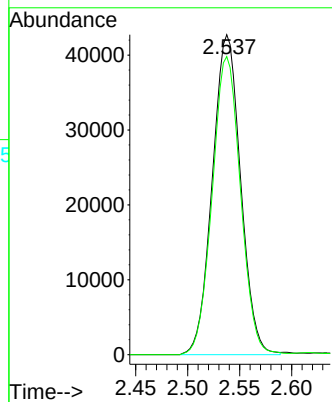




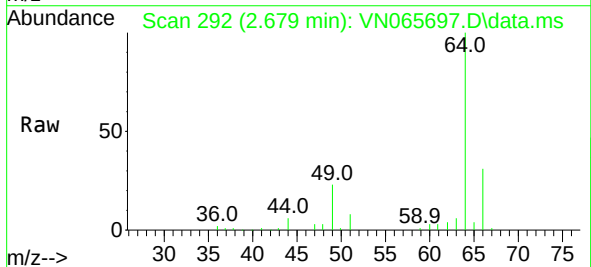
#5  
Bromomethane  
Concen: 54.95 ug/l  
RT: 2.537 min Scan# 248  
Delta R.T. -0.009 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39



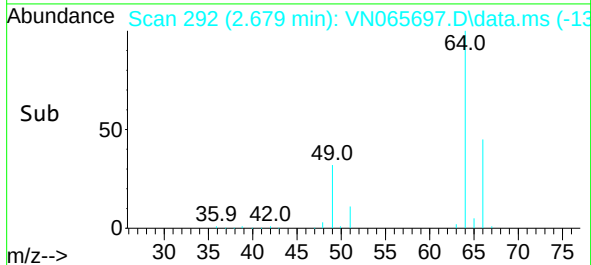
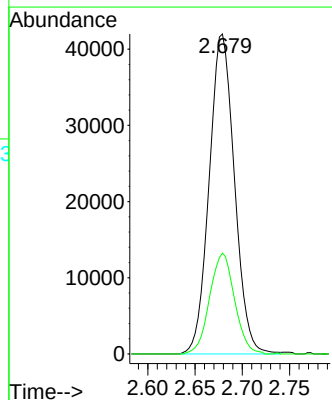
Tgt Ion: 94 Resp: 80812  
Ion Ratio Lower Upper  
94 100  
96 93.2 74.6 111.8



#6  
Chloroethane  
Concen: 57.35 ug/l  
RT: 2.679 min Scan# 292  
Delta R.T. -0.003 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39



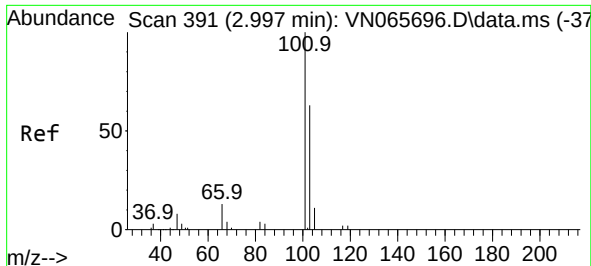
Tgt Ion: 64 Resp: 78105  
Ion Ratio Lower Upper  
64 100  
66 31.5 26.3 39.5



Instrument :  
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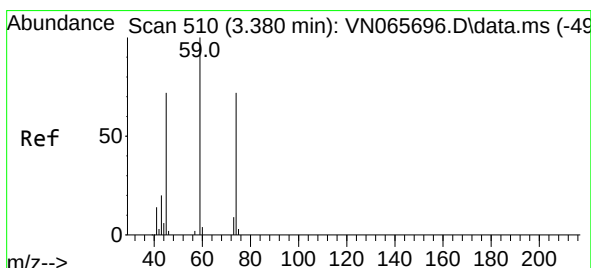
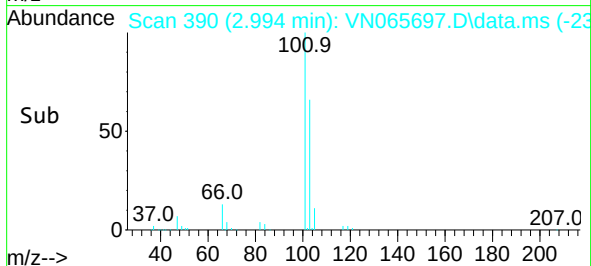
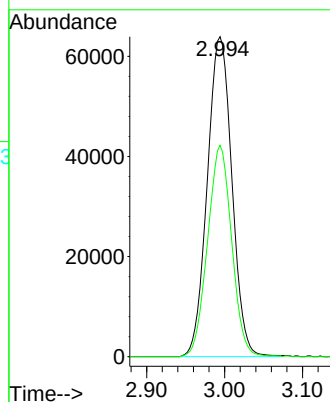
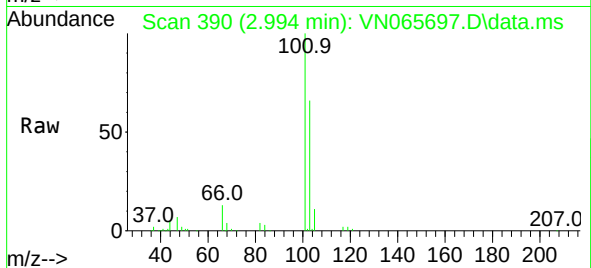
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Trichlorofluoromethane  
Concen: 51.78 ug/l  
RT: 2.994 min Scan# 390  
Delta R.T. -0.003 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion:101 Resp: 140780  
Ion Ratio Lower Upper  
101 100  
103 66.1 52.6 78.8

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ClientSampleId :  
VSTDIC050

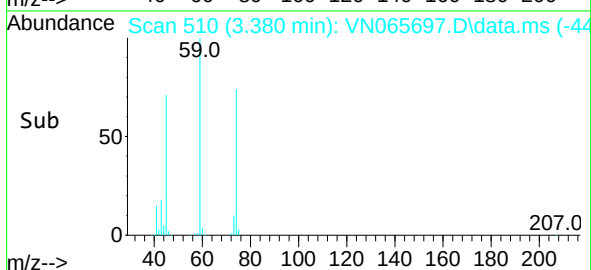
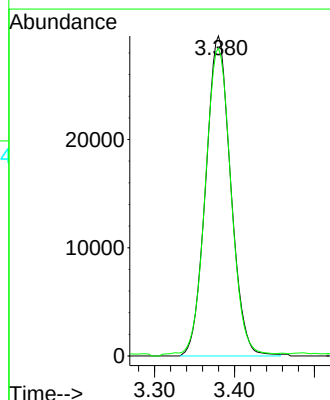
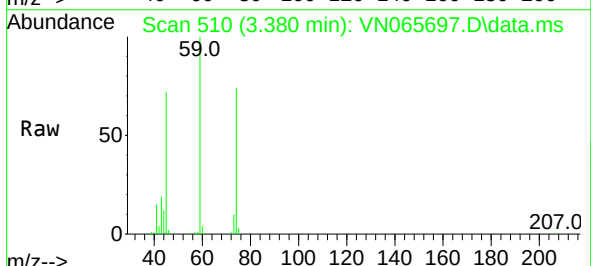
Manual Integrations  
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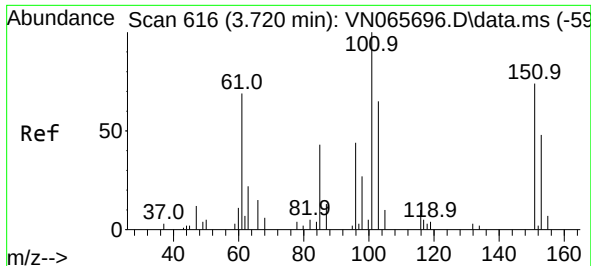
MMDadoda  
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#8  
Diethyl Ether  
Concen: 57.03 ug/l  
RT: 3.380 min Scan# 510  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 74 Resp: 64267  
Ion Ratio Lower Upper  
74 100  
45 97.7 18.5 166.9





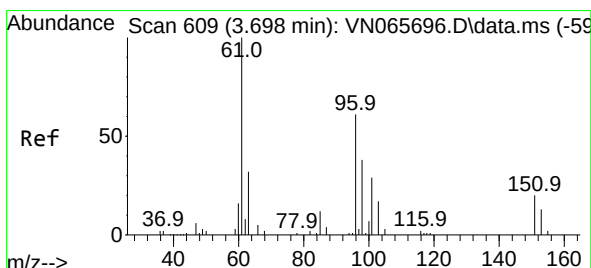
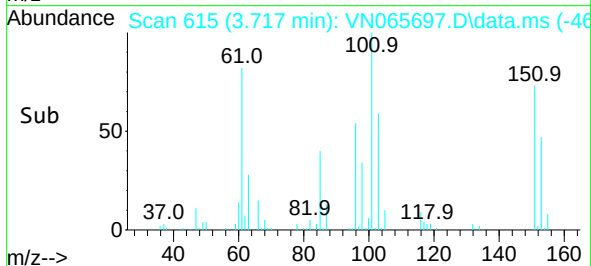
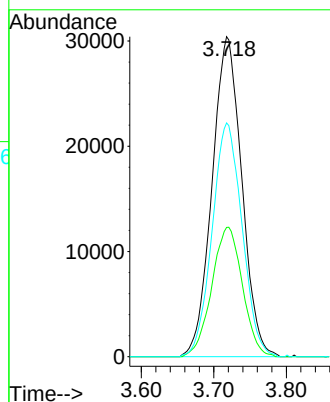
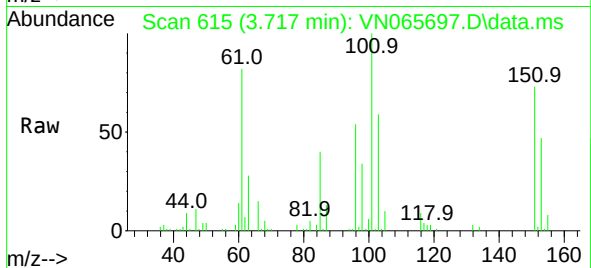
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 53.37 ug/l  
RT: 3.717 min Scan# 615  
Delta R.T. -0.003 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 101 Resp: 86509  
Ion Ratio Lower Upper  
101 100  
85 41.7 0.0 80.6  
151 73.7 0.0 169.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

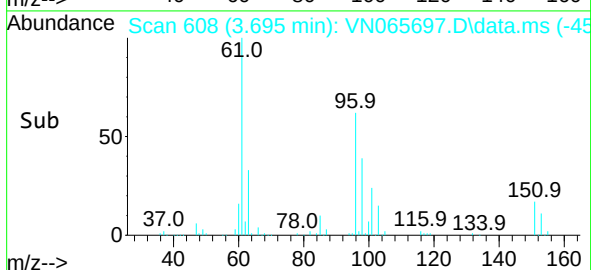
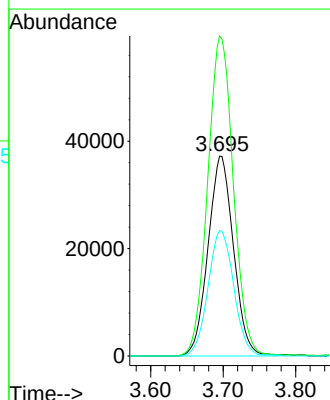
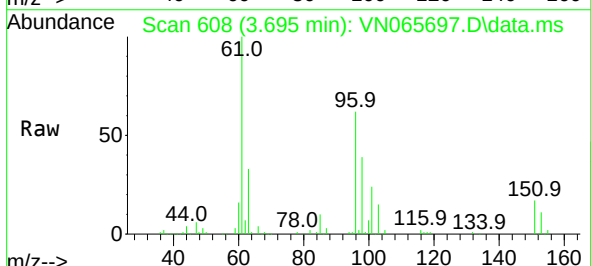
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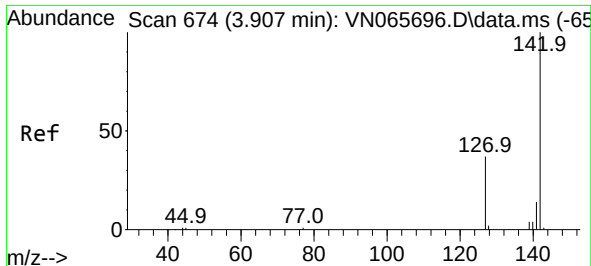


#10  
1,1-Dichloroethene  
Concen: 54.21 ug/l  
RT: 3.695 min Scan# 608  
Delta R.T. -0.003 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 96 Resp: 90840  
Ion Ratio Lower Upper  
96 100  
61 159.7 119.9 179.9  
98 62.7 51.2 76.8

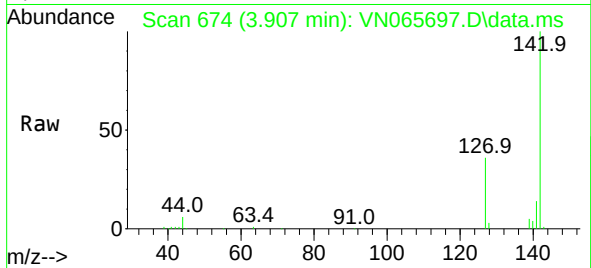






#11  
Methyl Iodide  
Concen: 50.39 ug/l  
RT: 3.907 min Scan# 674  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

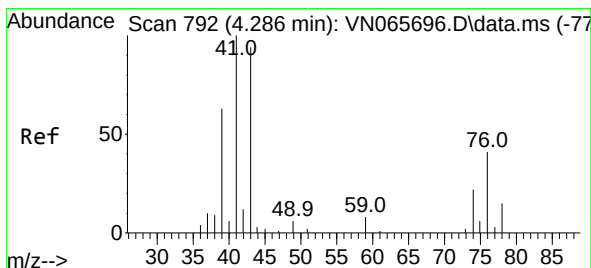
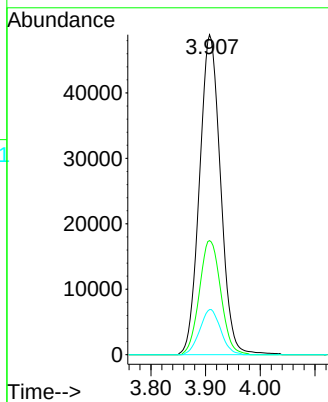
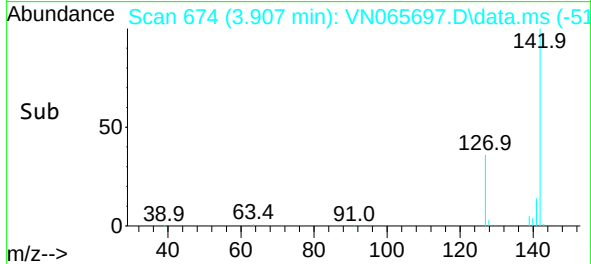
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC050



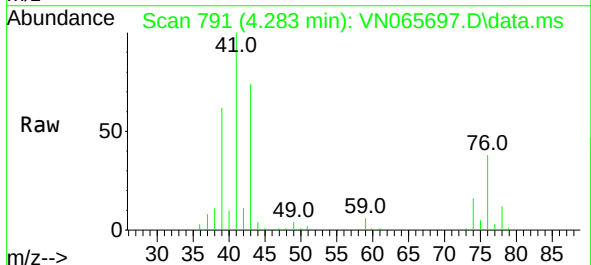
Tgt Ion:142 Resp: 130539  
Ion Ratio Lower Upper  
142 100  
127 35.7 19.1 57.5  
141 14.1 7.0 20.9

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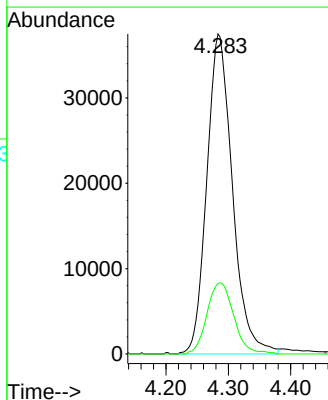
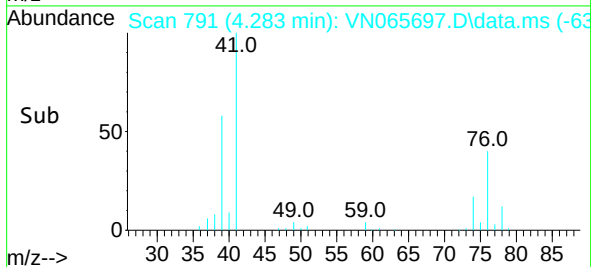
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2/4/2021 10:33:13 AM

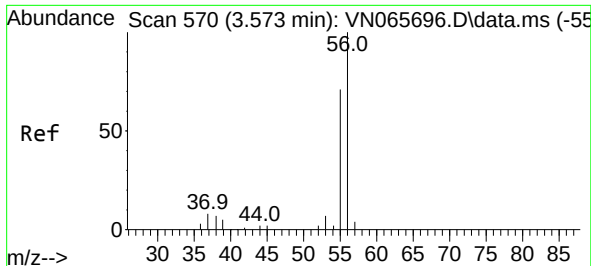


#12  
Methyl Acetate  
Concen: 62.71 ug/l  
RT: 4.283 min Scan# 791  
Delta R.T. -0.003 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39



Tgt Ion: 43 Resp: 107031  
Ion Ratio Lower Upper  
43 100  
74 22.2 19.9 29.9





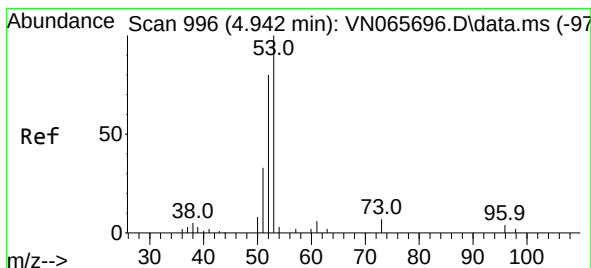
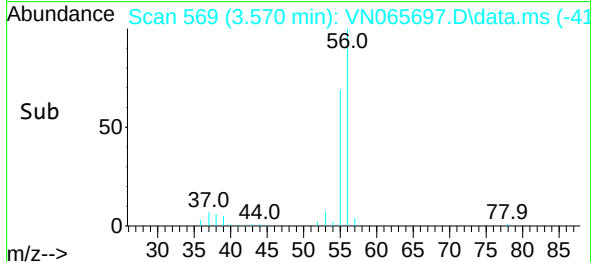
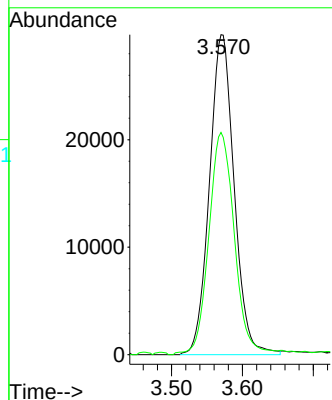
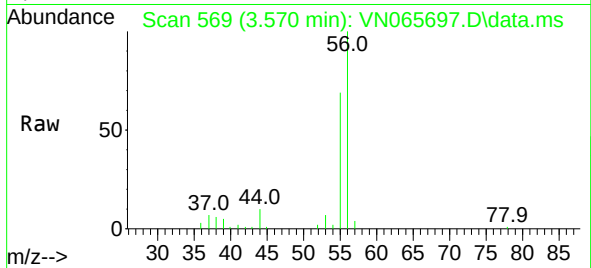
#13  
Acrolein  
Concen: 255.42 ug/l  
RT: 3.570 min Scan# 569  
Delta R.T. -0.003 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 56 Resp: 72093  
Ion Ratio Lower Upper  
56 100  
55 71.7 57.7 86.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

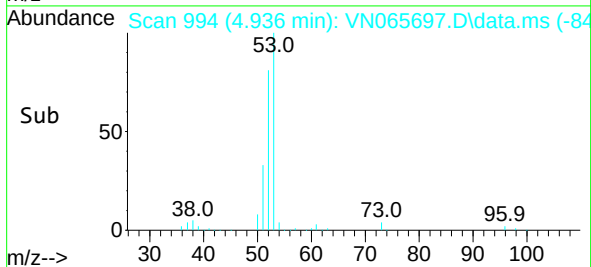
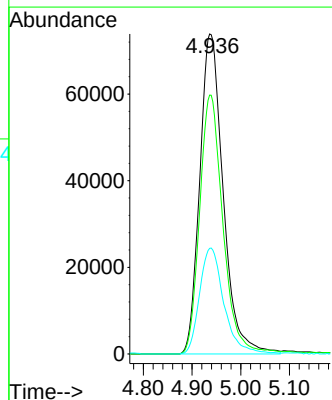
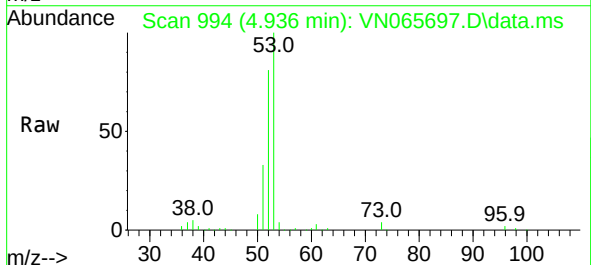
Manual Integrations  
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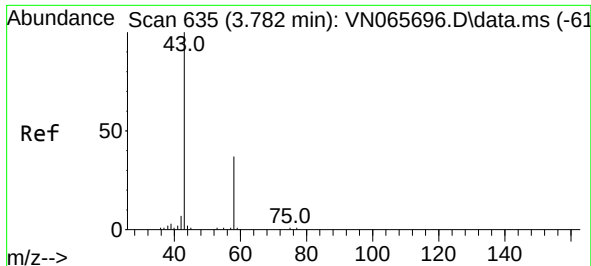
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2/4/2021 10:33:13 AM



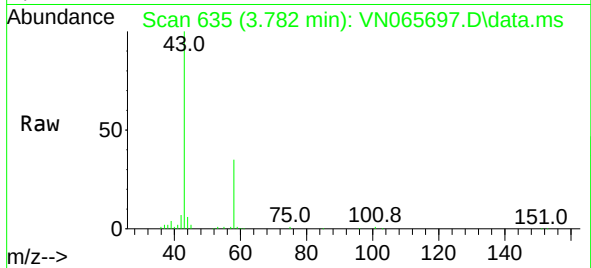
#14  
Acrylonitrile  
Concen: 320.44 ug/l  
RT: 4.936 min Scan# 994  
Delta R.T. -0.006 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 53 Resp: 246828  
Ion Ratio Lower Upper  
53 100  
52 79.7 40.7 122.1  
51 34.3 18.3 54.8

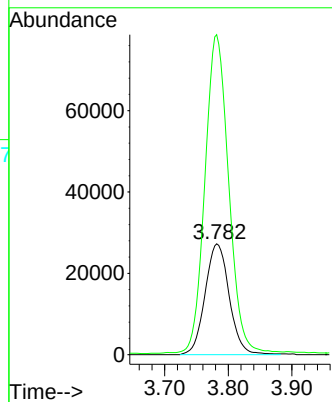
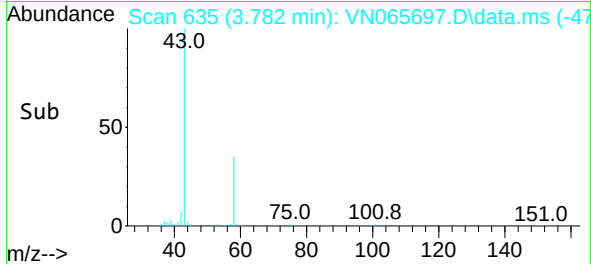




#15  
Acetone  
Concen: 295.59 ug/l  
RT: 3.782 min Scan# 635  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39



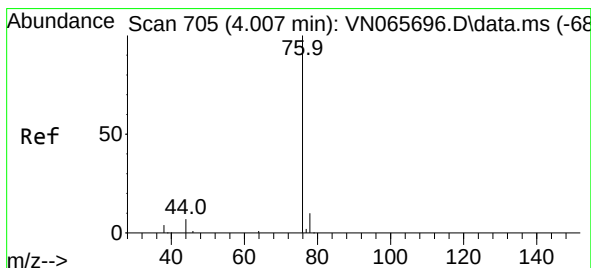
Tgt Ion: 58 Resp: 71946  
Ion Ratio Lower Upper  
58 100  
43 286.0 203.4 305.0



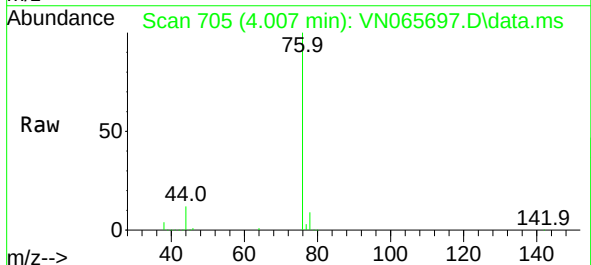
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

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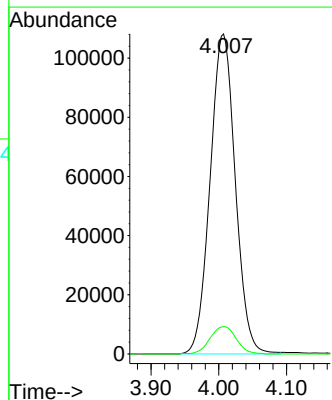
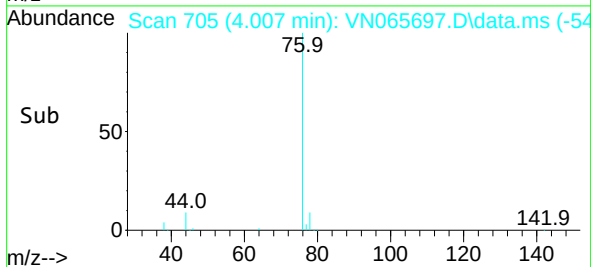
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2/4/2021 10:33:13 AM

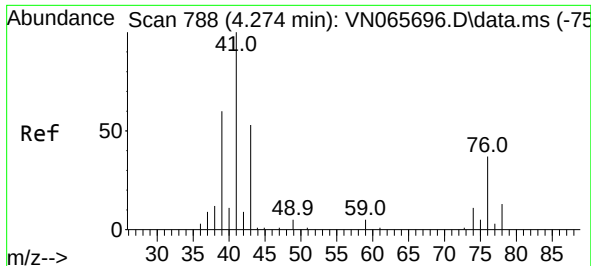


#16  
Carbon Disulfide  
Concen: 64.86 ug/l  
RT: 4.007 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39



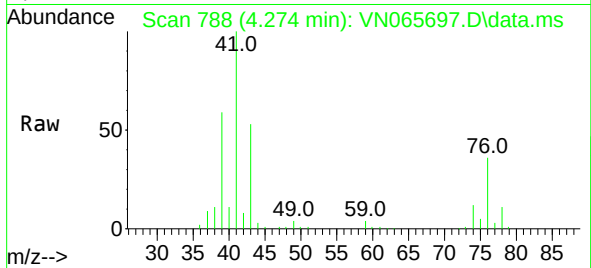
Tgt Ion: 76 Resp: 279151  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.8 11.8





#17  
 Allyl chloride  
 Concen: 69.95 ug/l  
 RT: 4.274 min Scan# 788  
 Delta R.T. 0.000 min  
 Lab File: VN065697.D  
 Acq: 3 Feb 2021 13:39

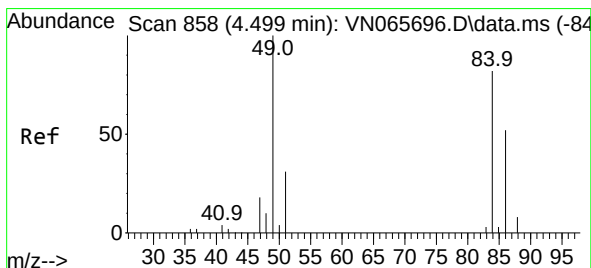
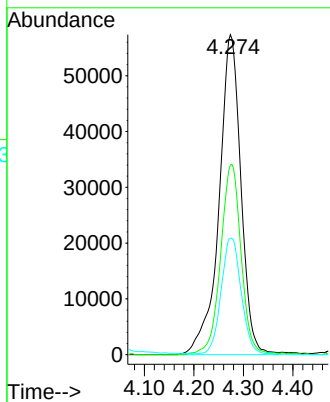
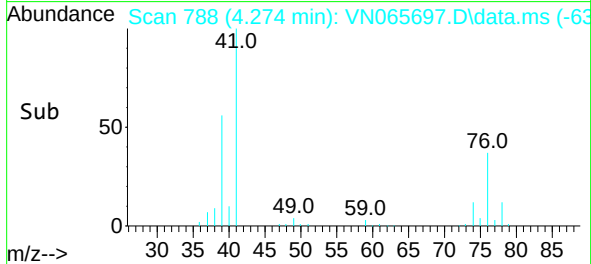
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC050



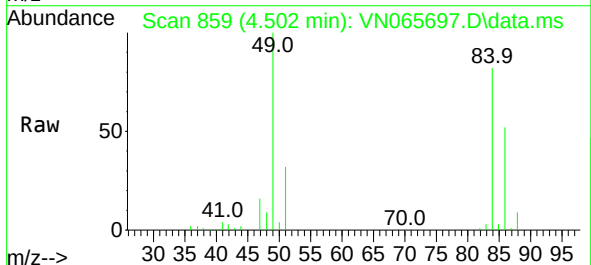
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 176524 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 59.3  | 33.5  | 100.5  |
| 76       | 36.4  | 20.3  | 60.8   |

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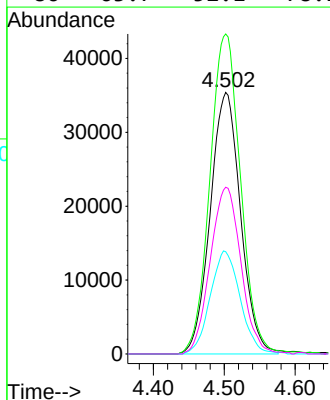
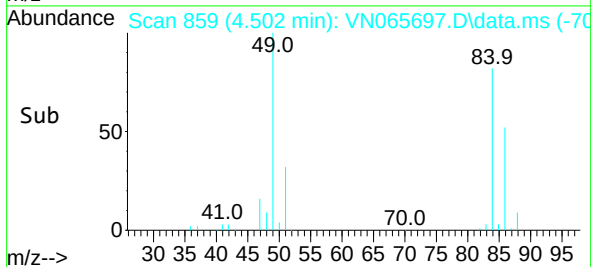
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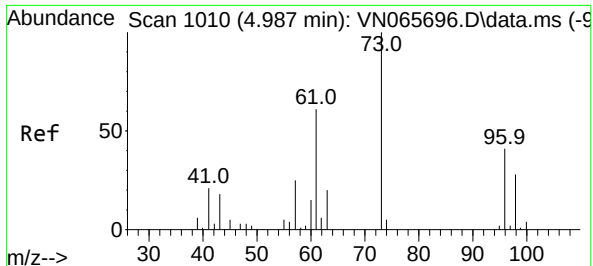


#18  
 Methylene Chloride  
 Concen: 57.13 ug/l  
 RT: 4.502 min Scan# 859  
 Delta R.T. 0.003 min  
 Lab File: VN065697.D  
 Acq: 3 Feb 2021 13:39



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 105249 |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 122.3 | 91.3  | 136.9  |
| 51       | 39.1  | 28.8  | 43.2   |
| 86       | 63.7  | 52.1  | 78.1   |





#19

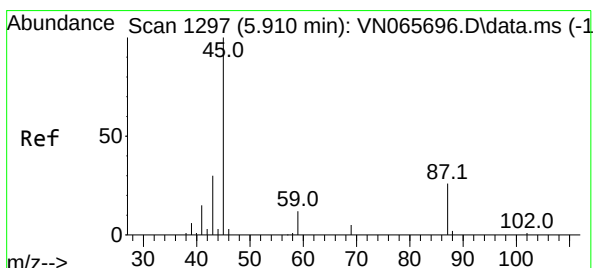
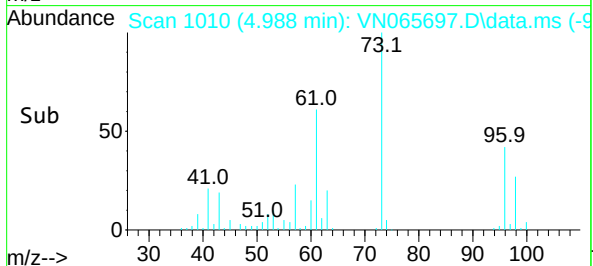
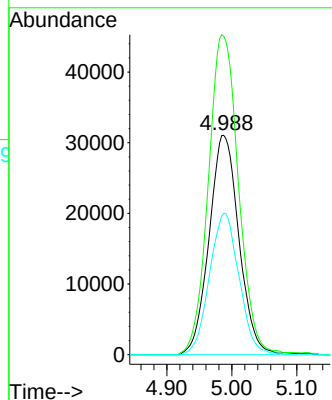
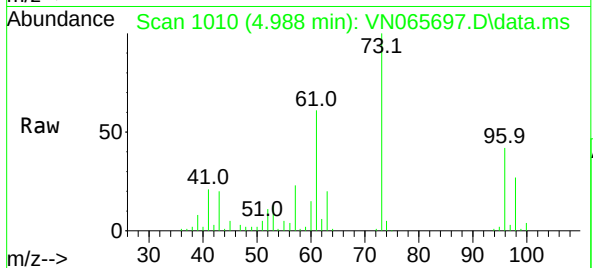
trans-1,2-Dichloroethene  
Concen: 57.87 ug/l  
RT: 4.988 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 98836 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 144.5 | 106.2 | 159.2 |
| 98       | 64.4  | 52.4  | 78.6  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

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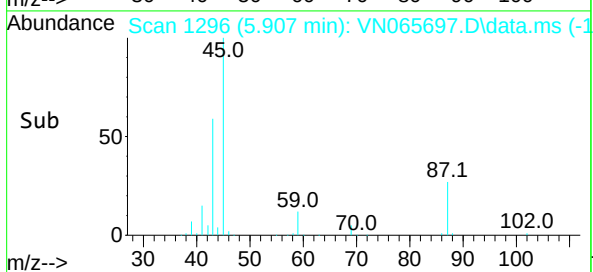
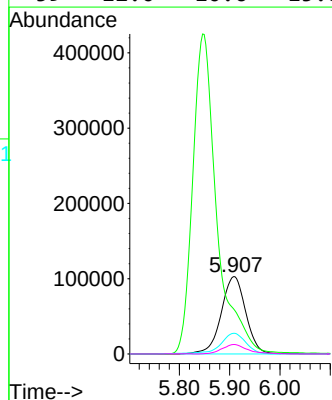
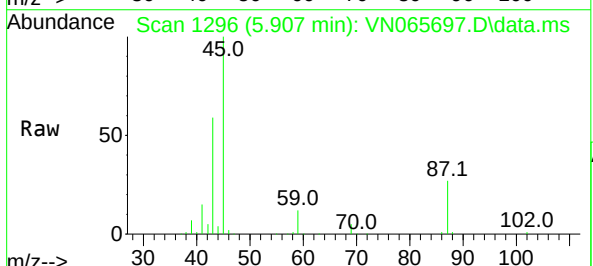
MMDadoda  
2/4/2021 10:33:13 AM

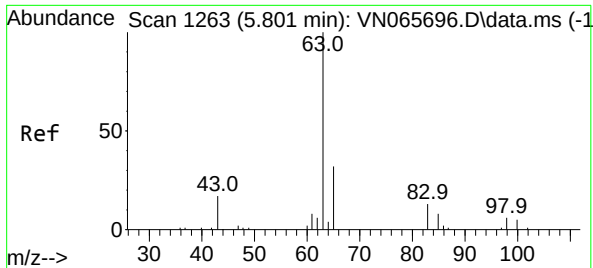


#20

Diisopropyl ether  
Concen: 66.48 ug/l  
RT: 5.907 min Scan# 1296  
Delta R.T. -0.003 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 348849 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 56.7  | 50.4  | 75.6   |
| 87       | 26.6  | 24.5  | 36.7   |
| 59       | 12.0  | 10.6  | 15.8   |





#21

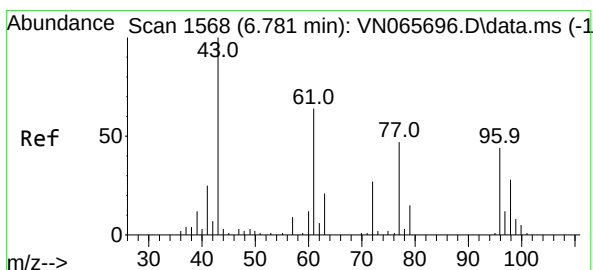
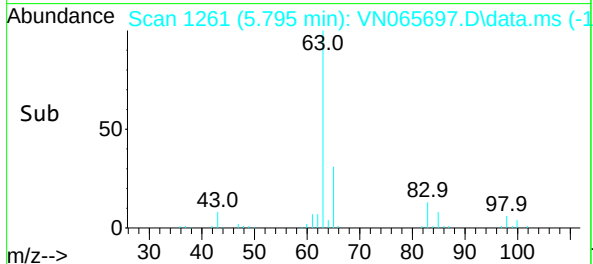
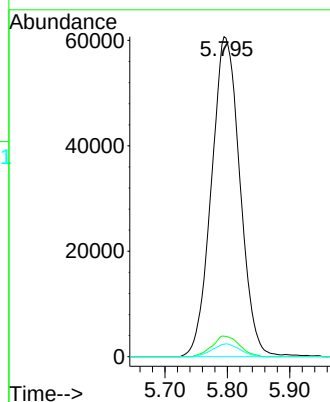
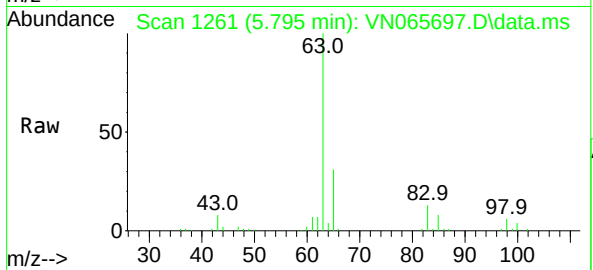
1,1-Dichloroethane  
Concen: 62.60 ug/l  
RT: 5.795 min Scan# 1261  
Delta R.T. -0.006 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 63 Resp: 192321  
Ion Ratio Lower Upper  
63 100  
98 6.4 3.3 9.9  
100 3.9 2.3 6.8

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC050

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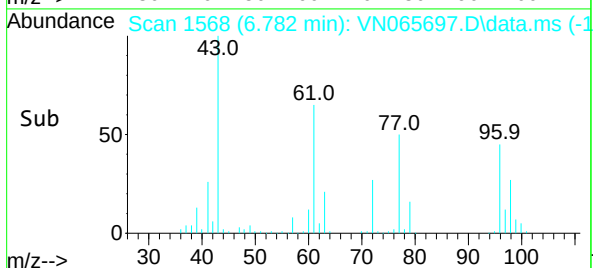
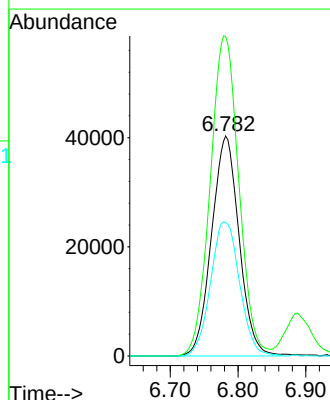
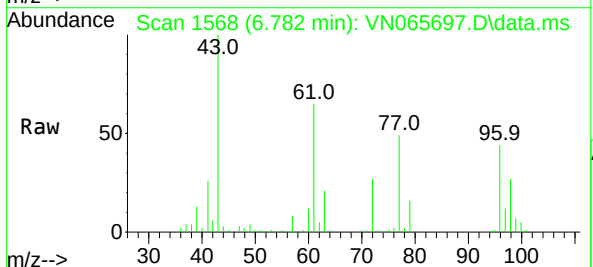
MMDadoda  
2/4/2021 10:33:13 AM

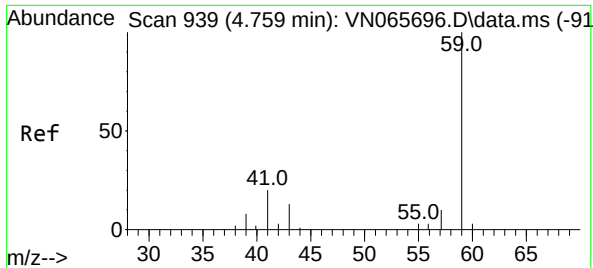


#22

cis-1,2-Dichloroethene  
Concen: 57.22 ug/l  
RT: 6.782 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 96 Resp: 113653  
Ion Ratio Lower Upper  
96 100  
61 151.4 112.5 168.7  
98 64.4 52.2 78.2





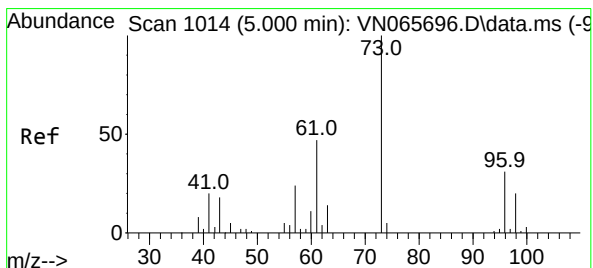
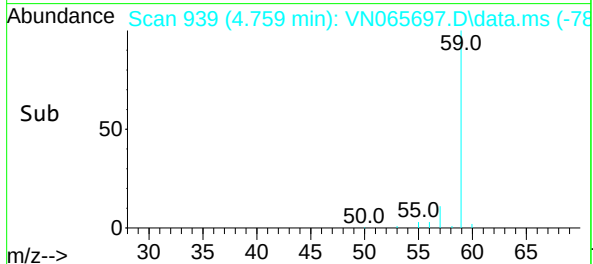
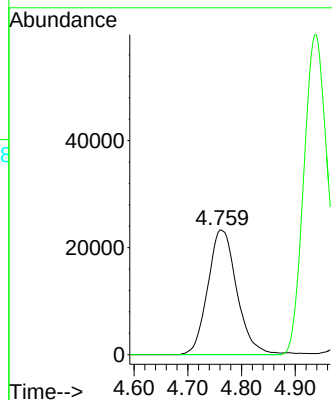
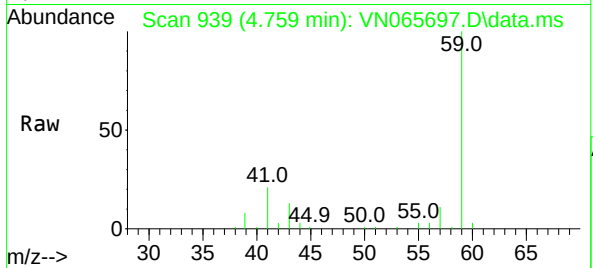
#23  
tert-Butyl Alcohol  
Concen: 350.98 ug/l  
RT: 4.759 min Scan# 939  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 59 Resp: 87317  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC050

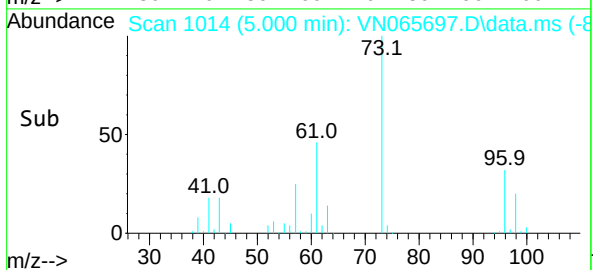
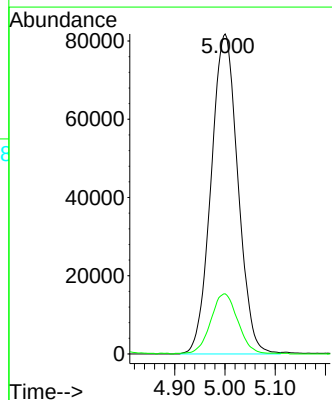
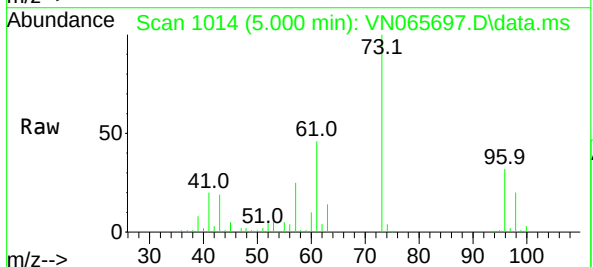
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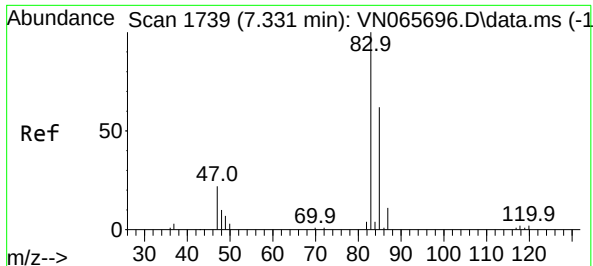
MMDadoda  
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#24  
Methyl tert-Butyl Ether  
Concen: 60.06 ug/l  
RT: 5.000 min Scan# 1014  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 73 Resp: 302850  
Ion Ratio Lower Upper  
73 100  
43 18.8 15.4 23.2





#25

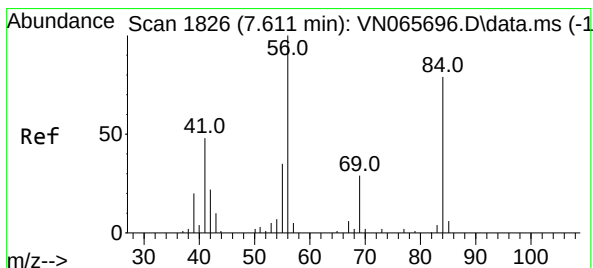
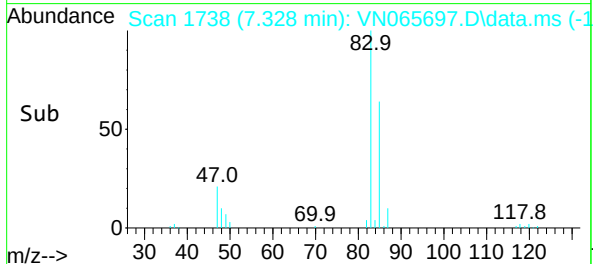
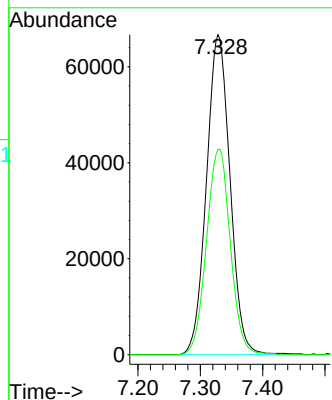
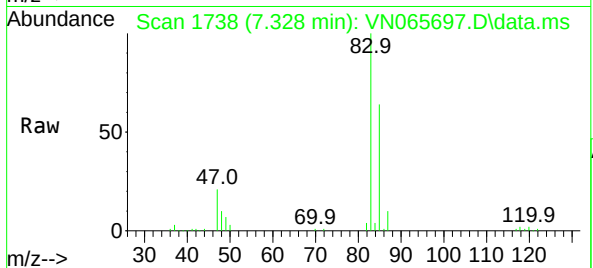
Chloroform  
Concen: 56.60 ug/l  
RT: 7.328 min Scan# 1738  
Delta R.T. -0.003 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 83 Resp: 175249  
Ion Ratio Lower Upper  
83 100  
85 64.2 53.0 79.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
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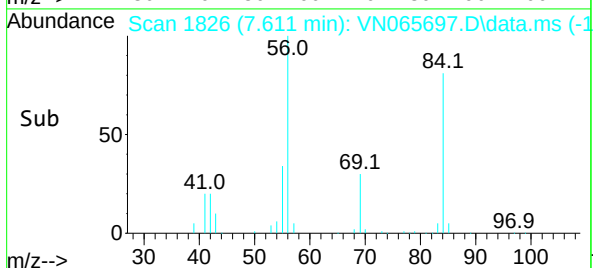
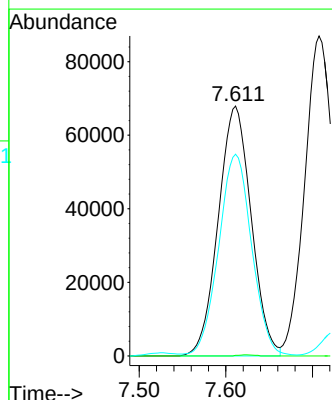
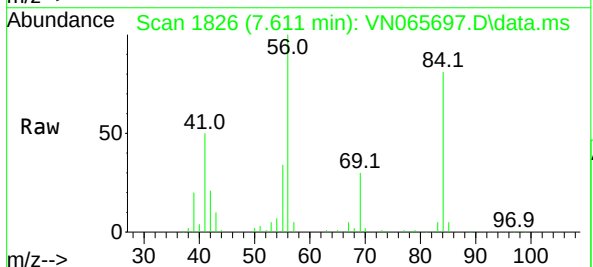
MMDadoda  
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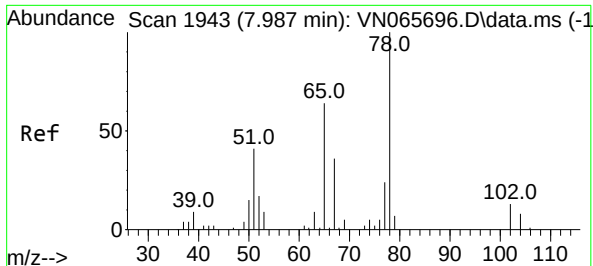
#26

Cyclohexane  
Concen: 67.57 ug/l  
RT: 7.611 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 56 Resp: 179755  
Ion Ratio Lower Upper  
56 100  
89 0.2 0.0 0.0#  
84 81.2 72.8 109.2







#27

1,2-Dichloroethane-d4

Concen: 32.14 ug/l

RT: 7.984 min Scan# 1942

Delta R.T. -0.003 min

Lab File: VN065697.D

Acq: 3 Feb 2021 13:39

Tgt Ion: 65 Resp: 62086

Ion Ratio Lower Upper

65 100

67 57.3 42.8 64.2

Instrument :

MSVOA\_N

ClientSampleId :

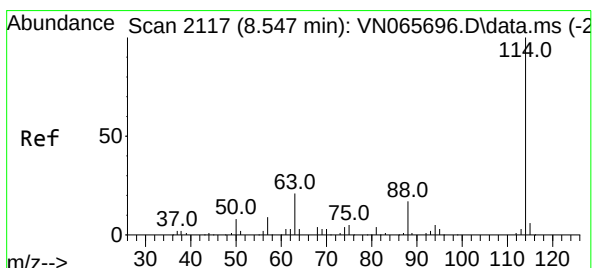
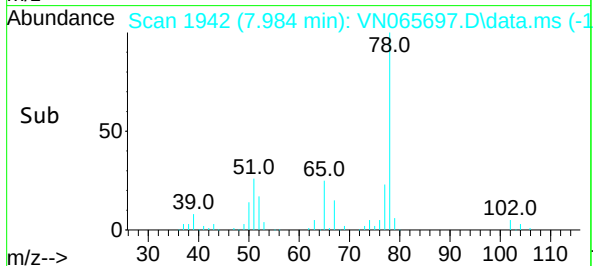
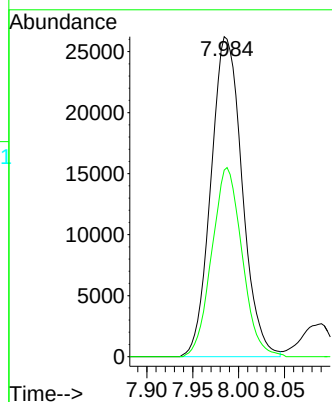
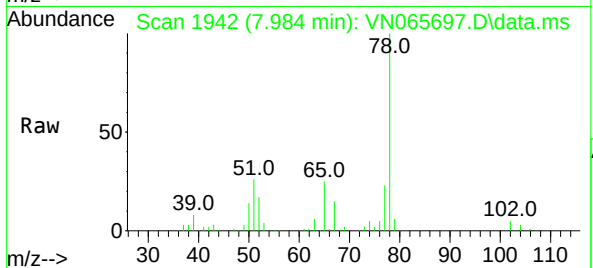
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#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.547 min Scan# 2117

Delta R.T. 0.000 min

Lab File: VN065697.D

Acq: 3 Feb 2021 13:39

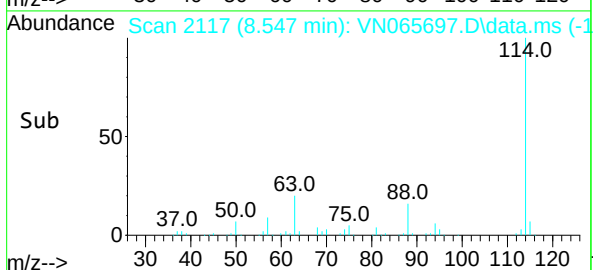
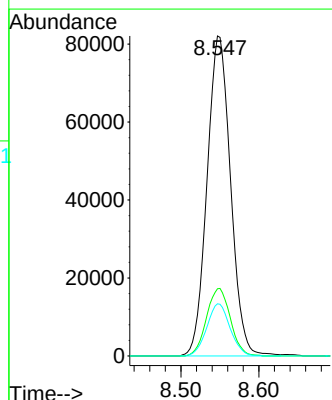
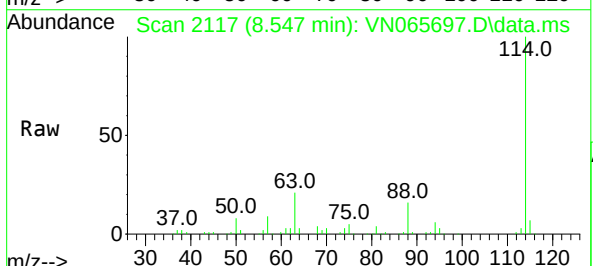
Tgt Ion: 114 Resp: 172399

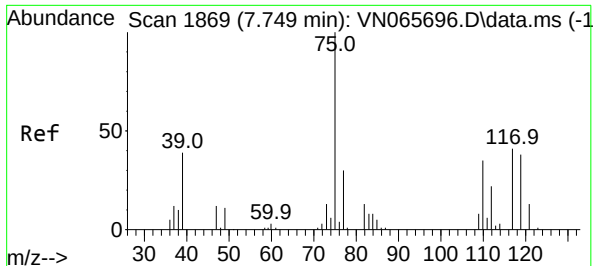
Ion Ratio Lower Upper

114 100

63 21.3 14.7 22.1

88 16.2 11.7 17.5





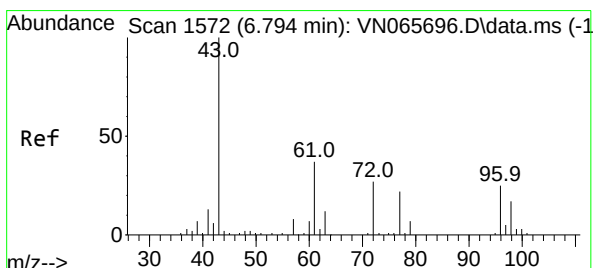
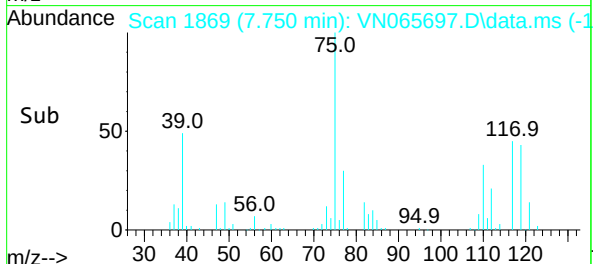
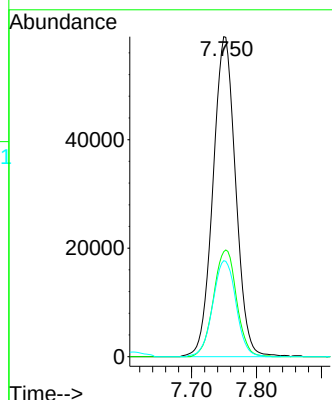
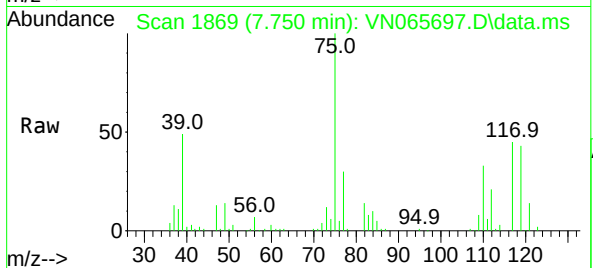
#29  
1,1-Dichloropropene  
Concen: 57.08 ug/l  
RT: 7.750 min Scan# 1869  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 75 Resp: 142593  
Ion Ratio Lower Upper  
75 100  
110 34.0 0.0 74.2  
77 30.8 0.0 61.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

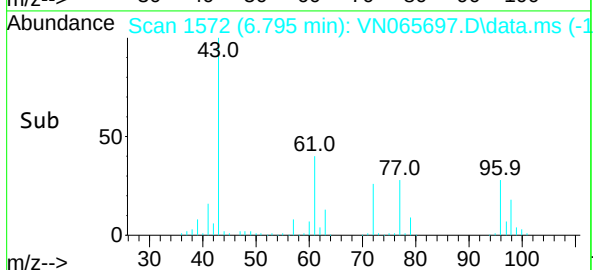
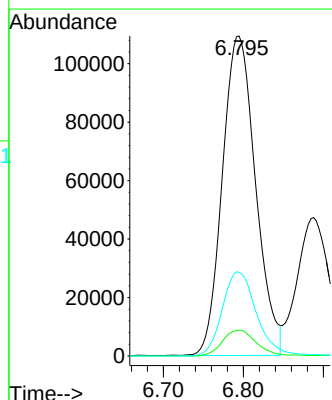
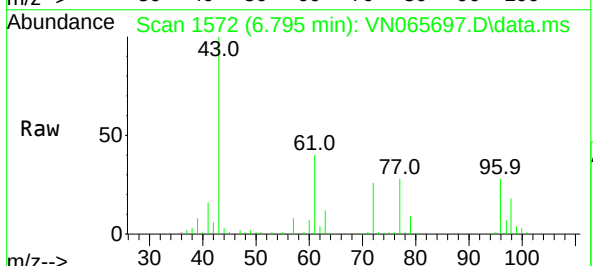
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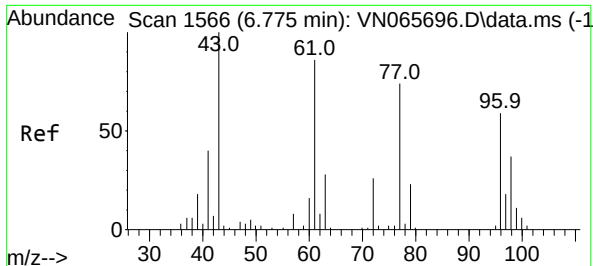
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#30  
2-Butanone  
Concen: 306.55 ug/l  
RT: 6.795 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 43 Resp: 316006  
Ion Ratio Lower Upper  
43 100  
57 8.2 7.0 10.4  
72 27.1 23.6 35.4





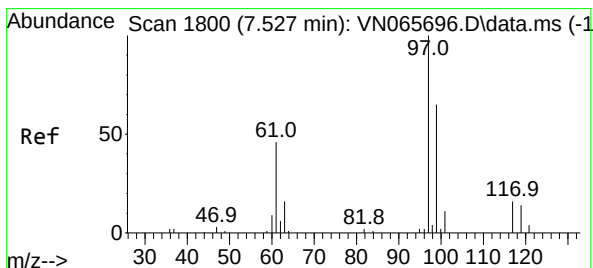
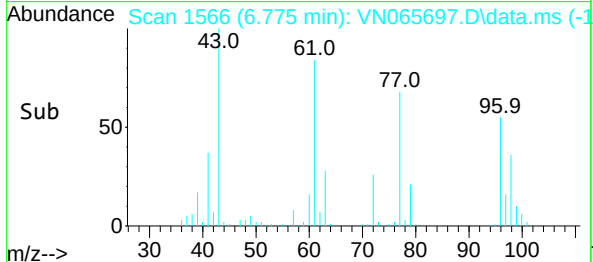
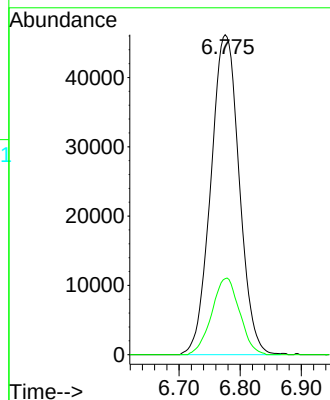
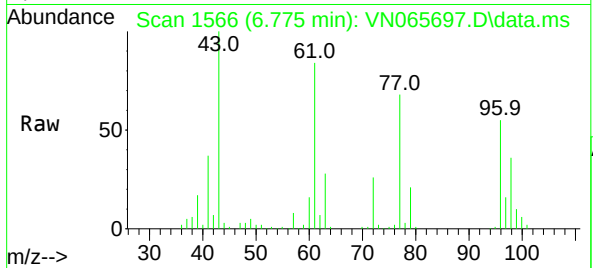
#31  
2,2-Dichloropropane  
Concen: 57.53 ug/l  
RT: 6.775 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 77 Resp: 148853  
Ion Ratio Lower Upper  
77 100  
97 23.5 19.0 28.4

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC050

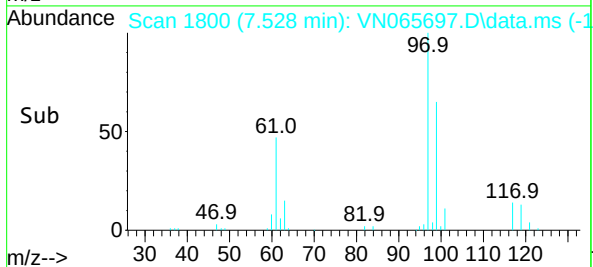
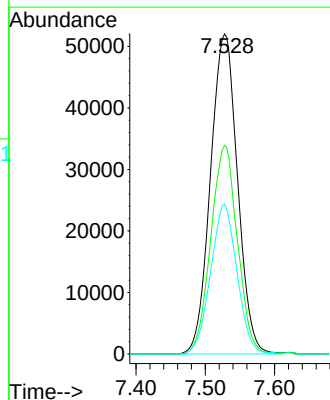
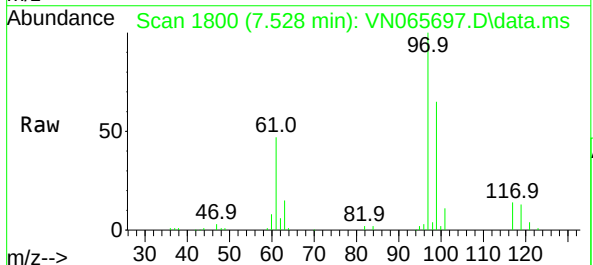
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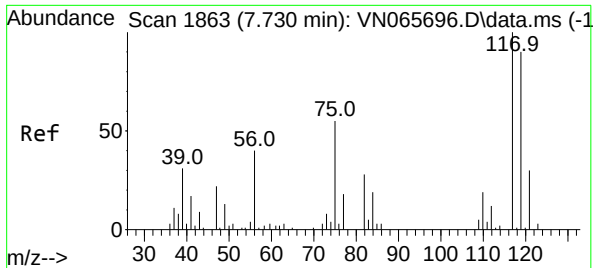
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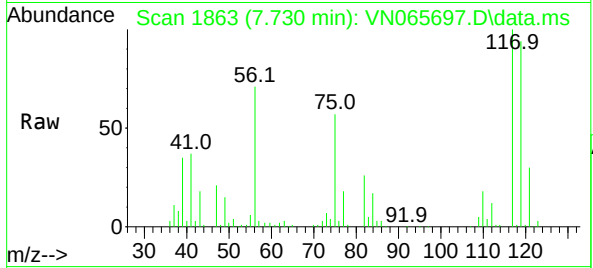
#32  
1,1,1-Trichloroethane  
Concen: 51.37 ug/l  
RT: 7.528 min Scan# 1800  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 97 Resp: 141125  
Ion Ratio Lower Upper  
97 100  
99 64.1 51.5 77.3  
61 45.6 34.7 52.1

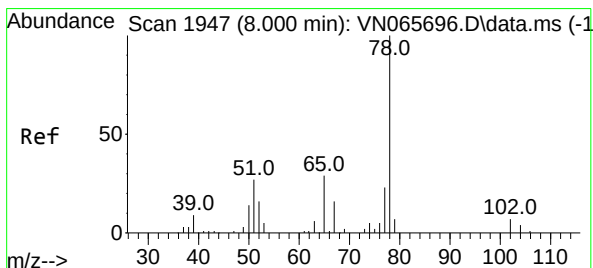
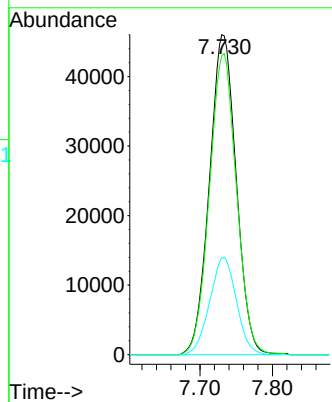
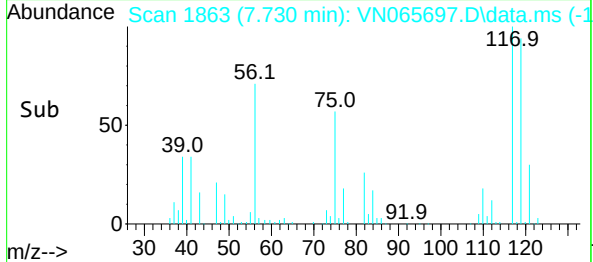




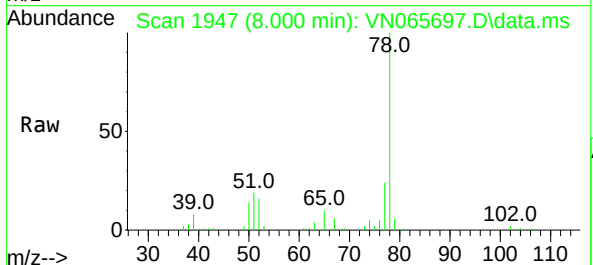
#33  
Carbon Tetrachloride  
Concen: 49.18 ug/l  
RT: 7.730 min Scan# 1863  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39



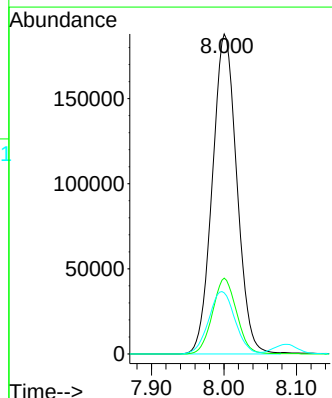
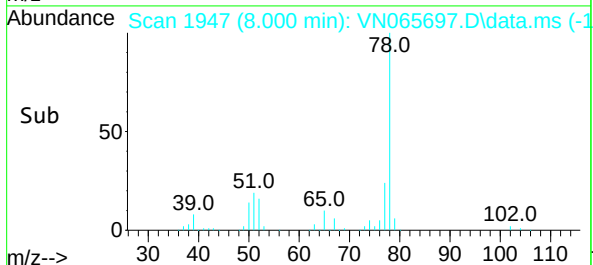
Tgt Ion:117 Resp: 118100  
Ion Ratio Lower Upper  
117 100  
119 93.6 77.0 115.4  
121 30.2 24.8 37.2



#34  
Benzene  
Concen: 57.41 ug/l  
RT: 8.000 min Scan# 1947  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39



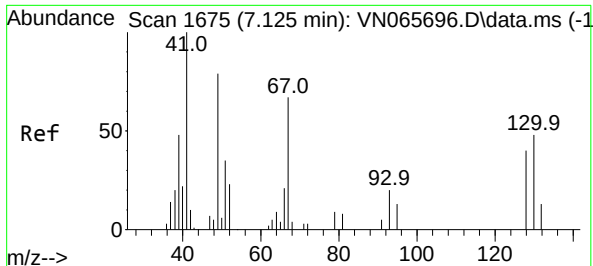
Tgt Ion: 78 Resp: 440784  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.0 28.6  
51 19.1 22.1 33.1#



Instrument :  
MSVOA\_N  
ClientSampled :  
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#35

Methacrylonitrile

Concen: 64.30 ug/l

RT: 7.126 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VN065697.D

Acq: 3 Feb 2021 13:39

Tgt Ion: 41 Resp: 66696

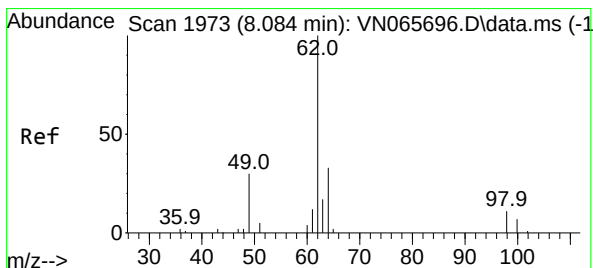
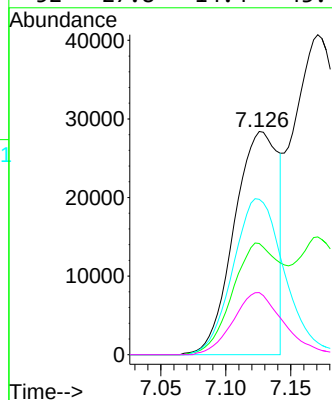
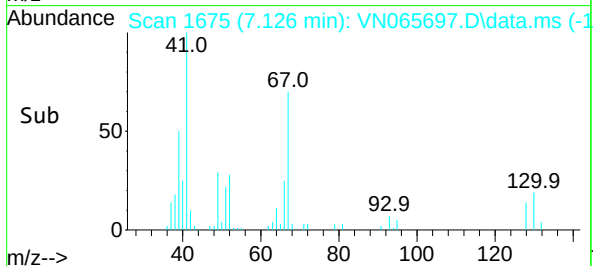
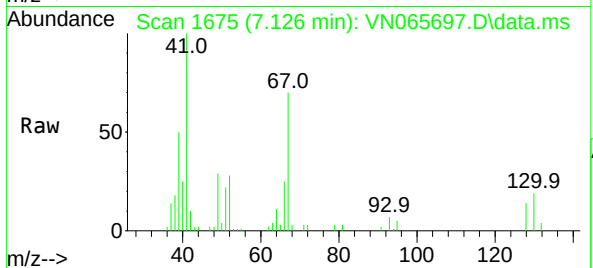
Ion Ratio Lower Upper

41 100

39 49.8 26.8 80.3

67 69.6 38.0 113.9

52 27.8 14.4 43.4



#36

1,2-Dichloroethane

Concen: 53.42 ug/l

RT: 8.084 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VN065697.D

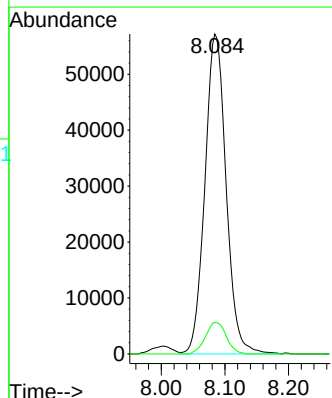
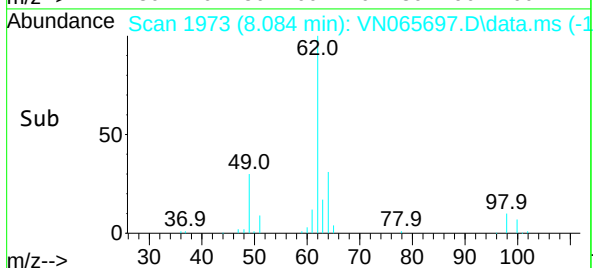
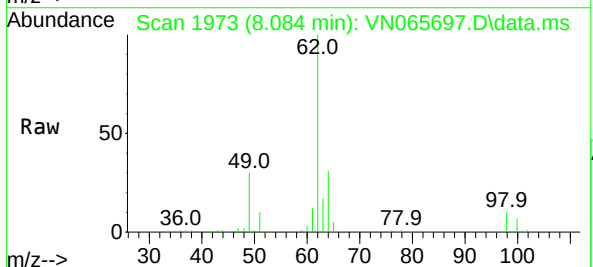
Acq: 3 Feb 2021 13:39

Tgt Ion: 62 Resp: 132387

Ion Ratio Lower Upper

62 100

98 9.7 7.4 11.2



Instrument :

MSVOA\_N

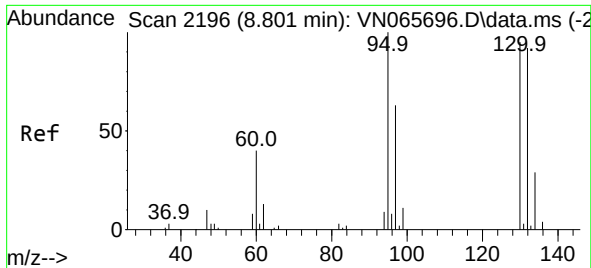
ClientSampleId :

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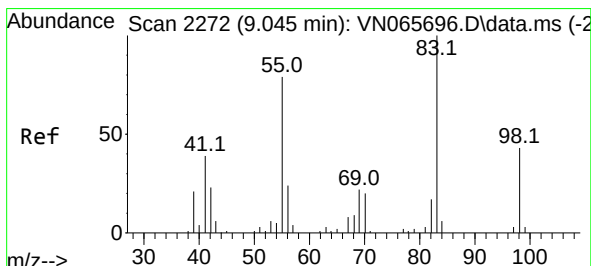
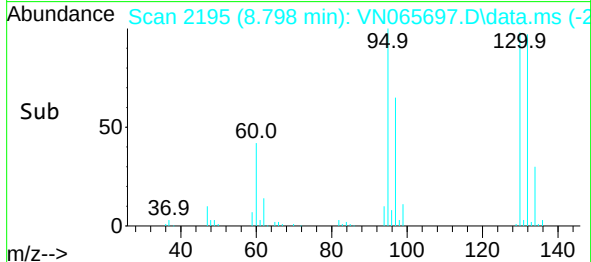
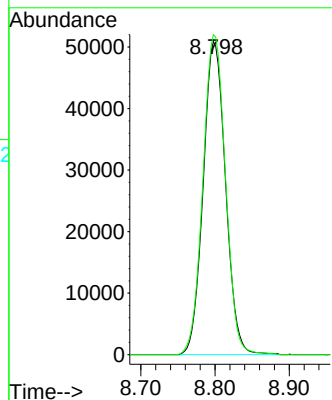
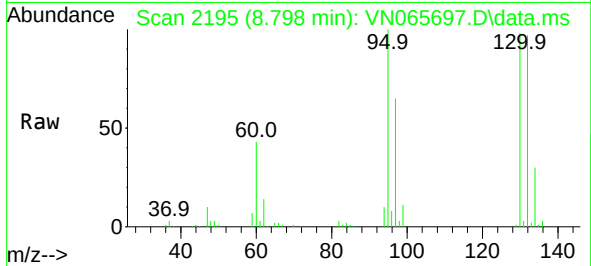
#37  
Trichloroethene  
Concen: 48.28 ug/l  
RT: 8.798 min Scan# 2195  
Delta R.T. -0.003 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion:130 Resp: 106479  
Ion Ratio Lower Upper  
130 100  
95 102.2 74.0 111.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

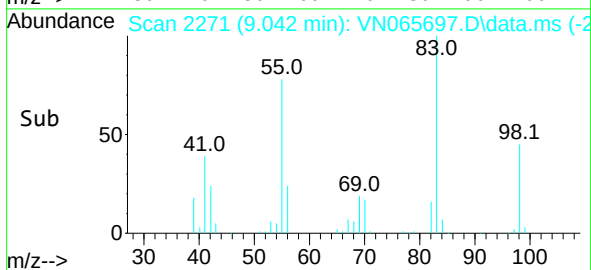
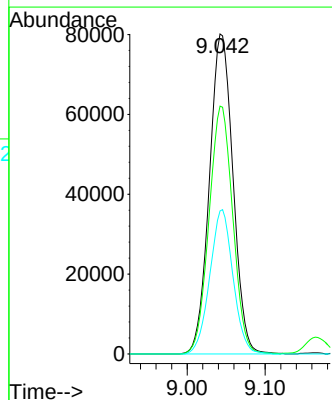
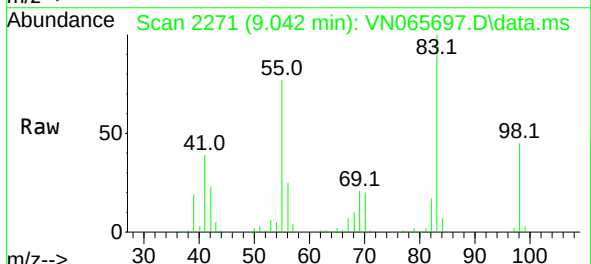
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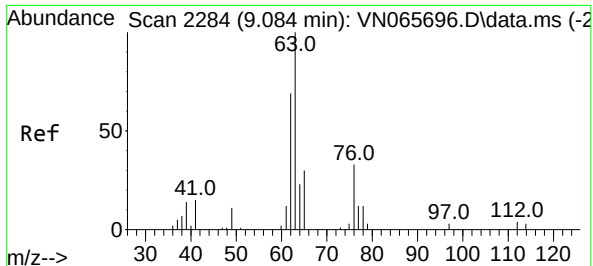
MMDadoda  
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#38  
Methylcyclohexane  
Concen: 57.77 ug/l  
RT: 9.042 min Scan# 2271  
Delta R.T. -0.003 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 83 Resp: 168665  
Ion Ratio Lower Upper  
83 100  
55 77.9 37.2 111.6  
98 44.4 23.8 71.4





#39

1,2-Dichloropropane

Concen: 59.17 ug/l

RT: 9.084 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN065697.D

Acq: 3 Feb 2021 13:39

Tgt Ion: 63 Resp: 118858

Ion Ratio Lower Upper

63 100

65 31.4 24.1 36.1

Instrument :

MSVOA\_N

ClientSampled :

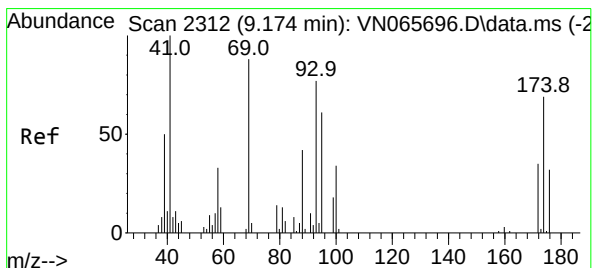
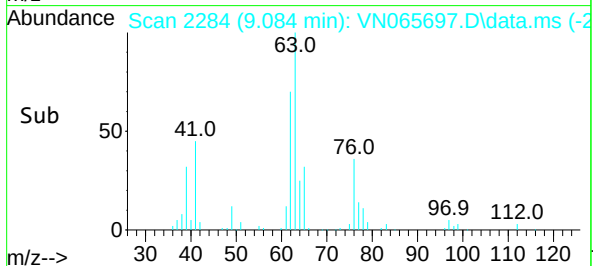
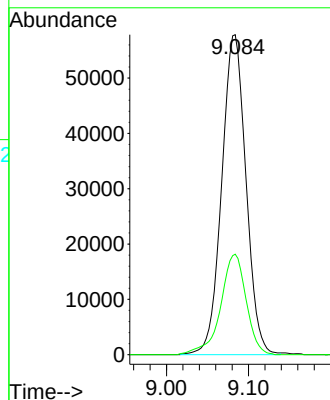
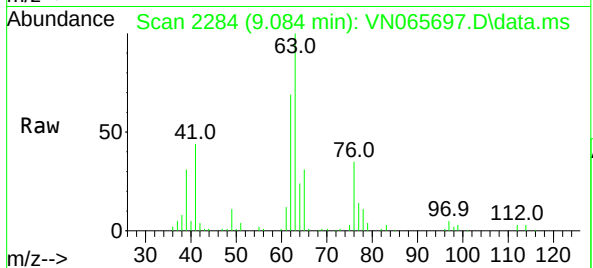
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#40

Dibromomethane

Concen: 51.25 ug/l

RT: 9.174 min Scan# 2312

Delta R.T. 0.000 min

Lab File: VN065697.D

Acq: 3 Feb 2021 13:39

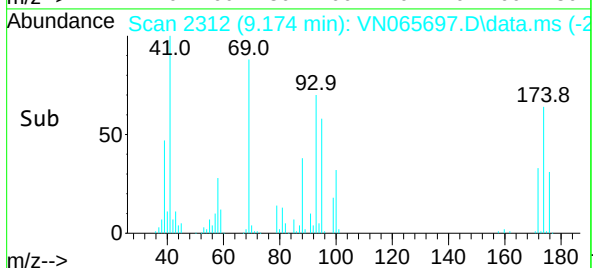
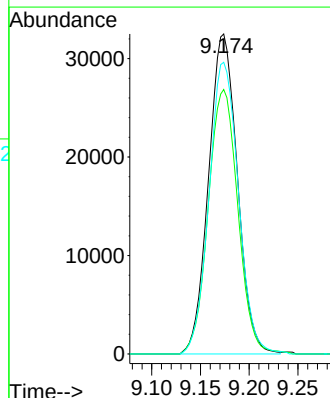
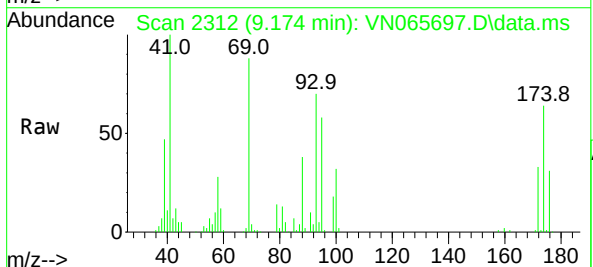
Tgt Ion: 93 Resp: 66895

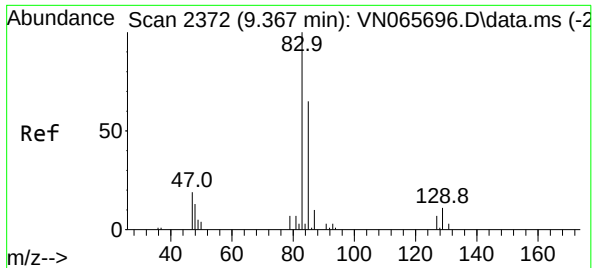
Ion Ratio Lower Upper

93 100

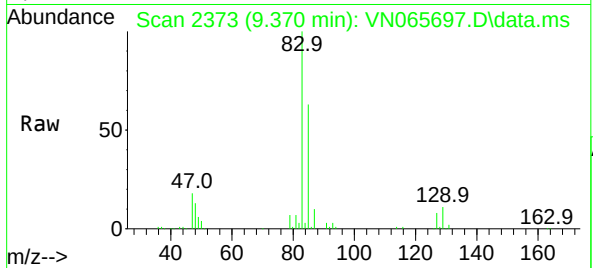
95 84.9 0.0 168.6

174 92.9 0.0 246.4

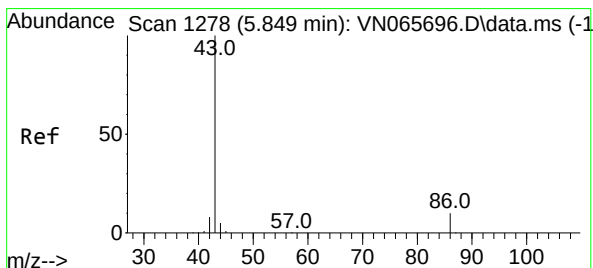
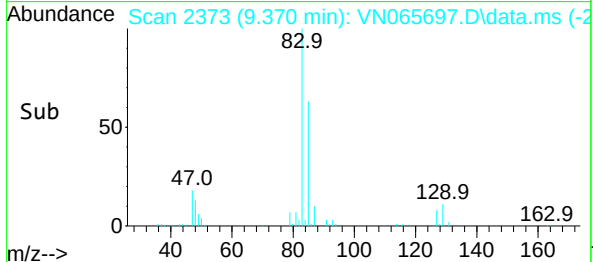
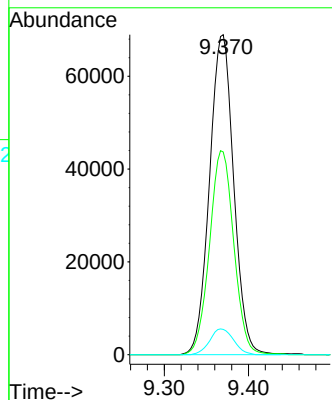




#41  
Bromodichloromethane  
Concen: 53.86 ug/l  
RT: 9.370 min Scan# 2373  
Delta R.T. 0.003 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

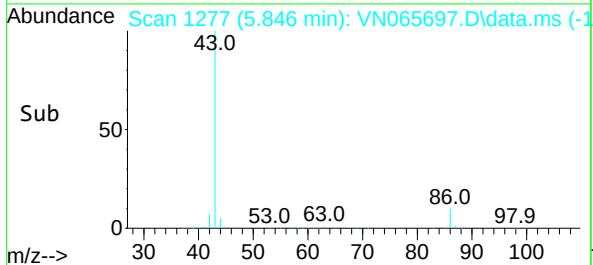
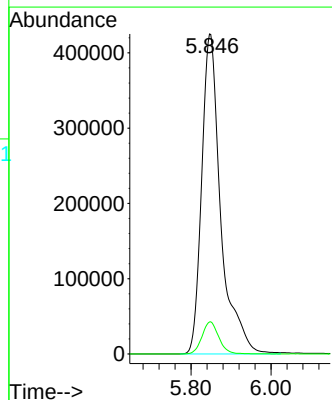
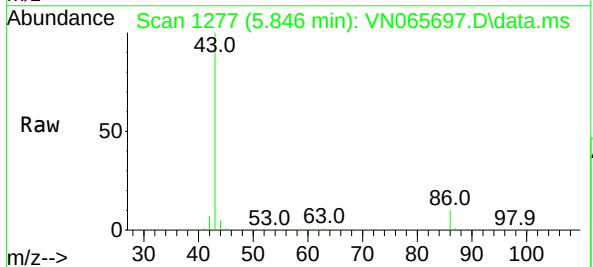


Tgt Ion: 83 Resp: 137368  
Ion Ratio Lower Upper  
83 100  
85 63.4 50.7 76.1  
127 7.9 7.5 11.3



#42  
Vinyl Acetate  
Concen: 317.04 ug/l  
RT: 5.846 min Scan# 1277  
Delta R.T. -0.003 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 43 Resp: 1414030  
Ion Ratio Lower Upper  
43 100  
86 8.8 7.9 11.9

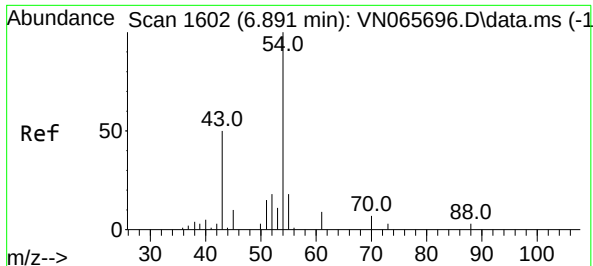


Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

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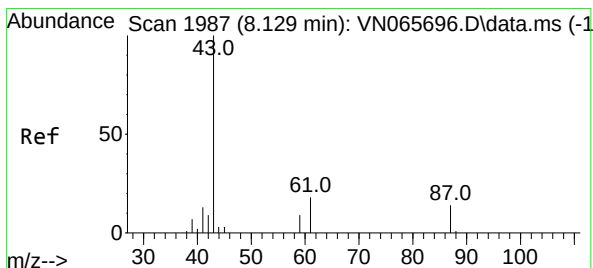
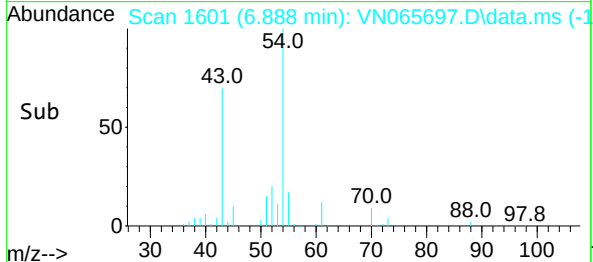
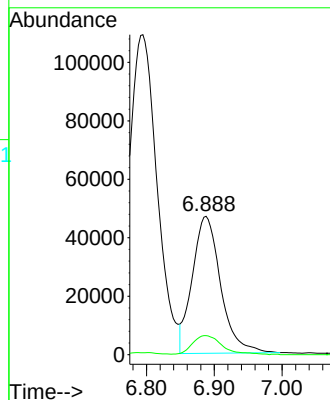
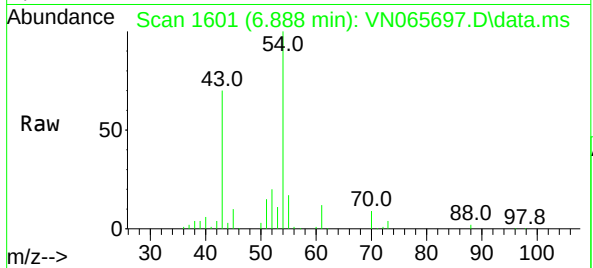
#43  
Ethyl Acetate  
Concen: 62.30 ug/l  
RT: 6.888 min Scan# 1601  
Delta R.T. -0.003 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 43 Resp: 136048  
Ion Ratio Lower Upper  
43 100  
45 14.8 12.9 19.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

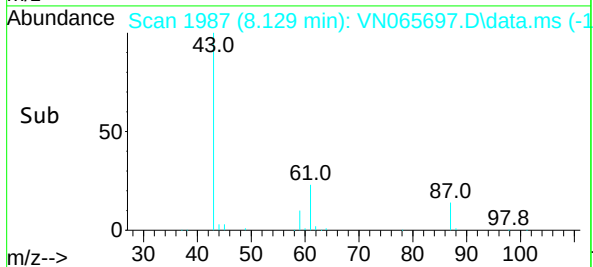
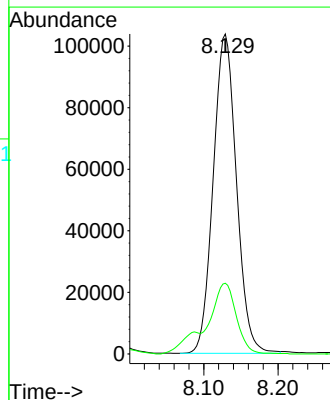
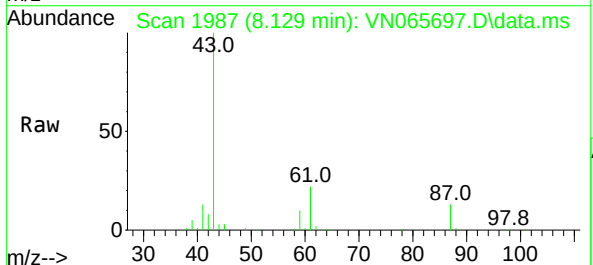
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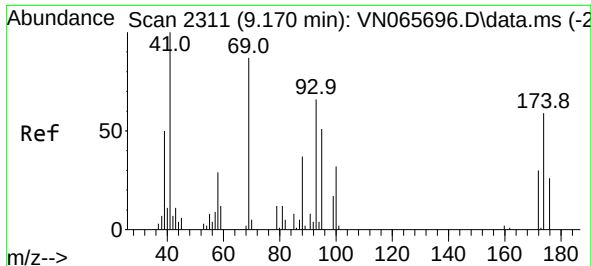
MMDadoda  
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#44  
Isopropyl Acetate  
Concen: 61.60 ug/l  
RT: 8.129 min Scan# 1987  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 43 Resp: 225490  
Ion Ratio Lower Upper  
43 100  
61 22.4 16.8 25.2





#45  
1,4-Dioxane  
Concen: 1377.61 ug/l  
RT: 9.174 min Scan# 2312  
Delta R.T. 0.003 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

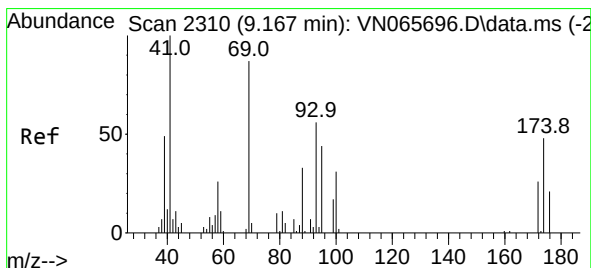
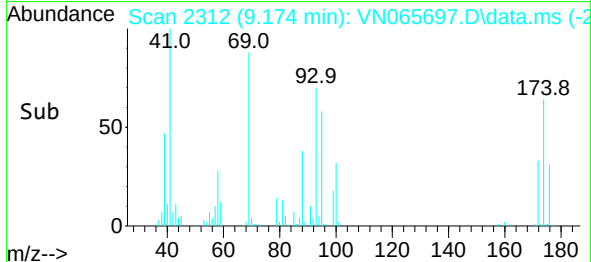
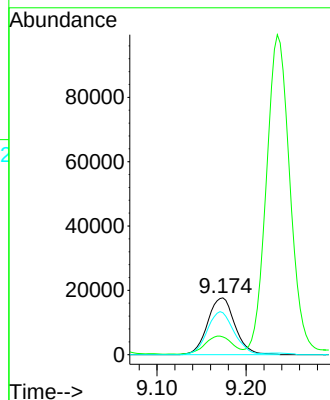
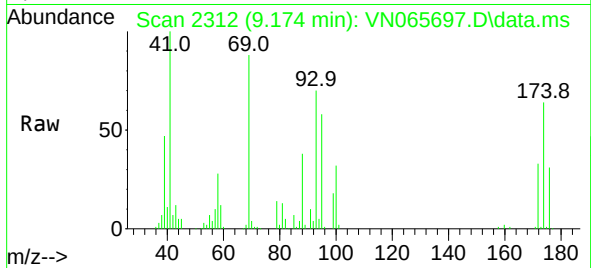
Tgt Ion: 88 Resp: 37633  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 31.7  | 28.3  | 42.5  |
| 58  | 74.1  | 53.8  | 80.6  |

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC050

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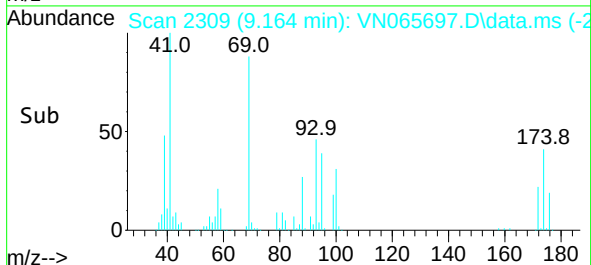
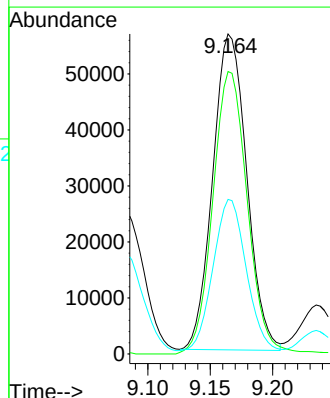
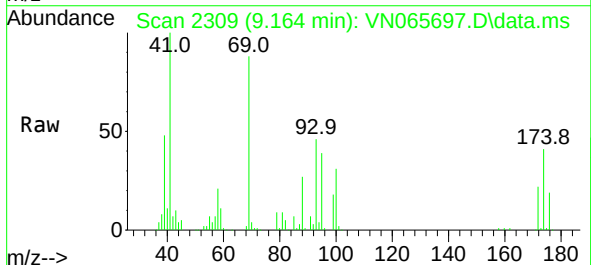
MMDadoda  
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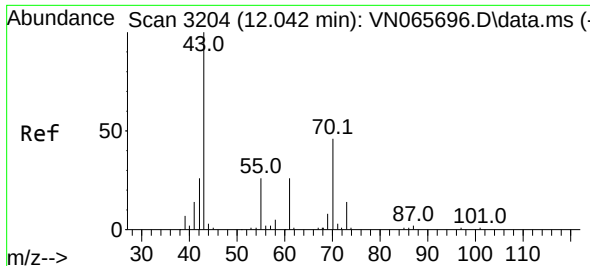


#46  
Methyl methacrylate  
Concen: 59.70 ug/l  
RT: 9.164 min Scan# 2309  
Delta R.T. -0.003 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 41 Resp: 107088  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 89.0  | 46.3  | 138.8 |
| 39  | 48.0  | 26.8  | 80.3  |





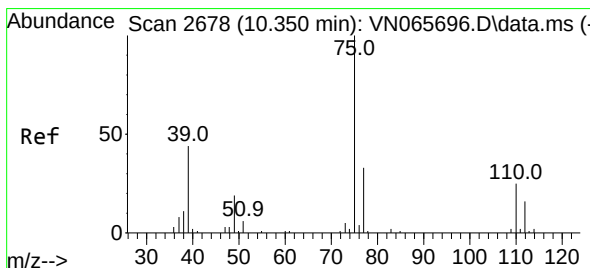
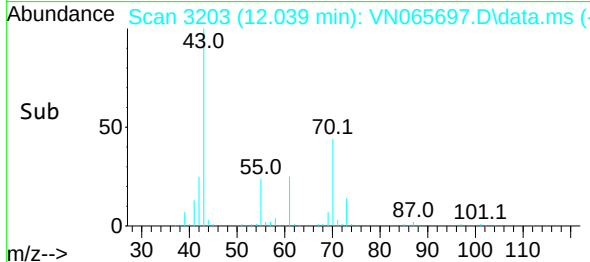
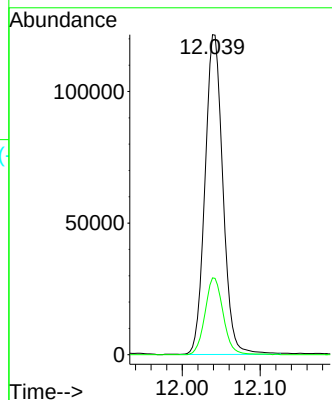
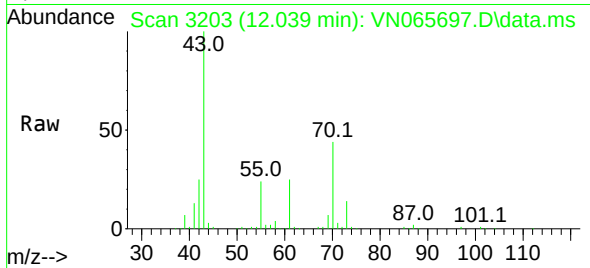
#47  
n-amy1 Acetate  
Concen: 61.72 ug/l  
RT: 12.039 min Scan# 3203  
Delta R.T. -0.003 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 43 Resp: 193754  
Ion Ratio Lower Upper  
43 100  
55 24.4 21.3 31.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

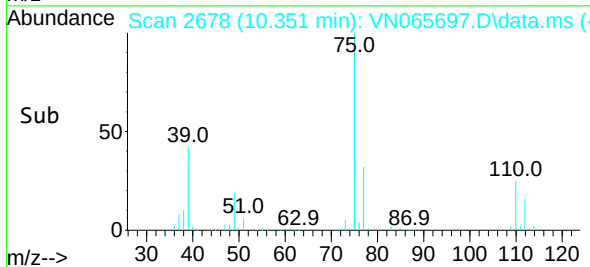
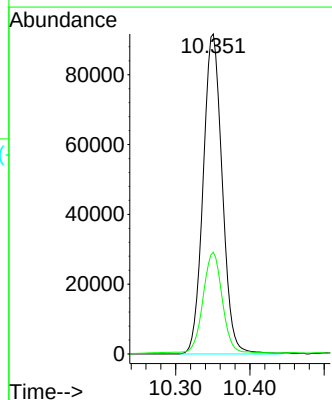
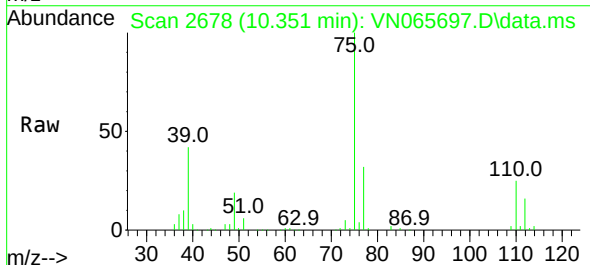
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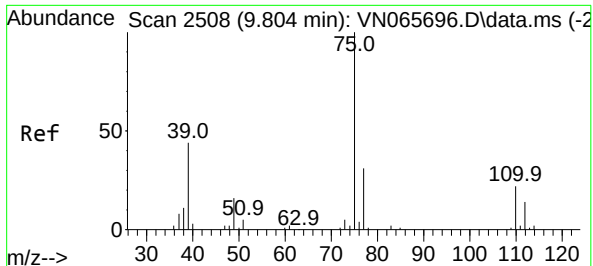
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#48  
t-1,3-Dichloropropene  
Concen: 56.80 ug/l  
RT: 10.351 min Scan# 2678  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 75 Resp: 163476  
Ion Ratio Lower Upper  
75 100  
77 31.4 26.5 39.7





#49

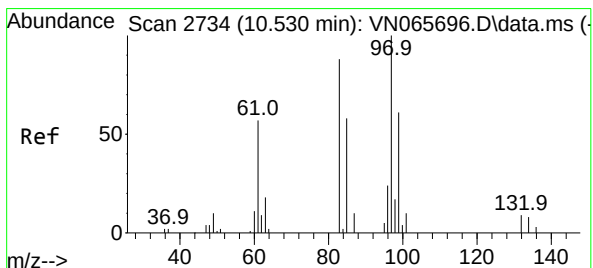
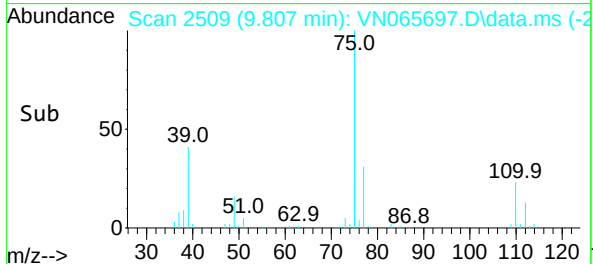
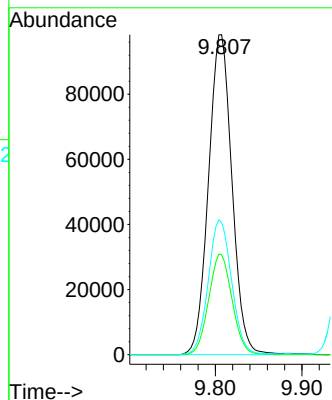
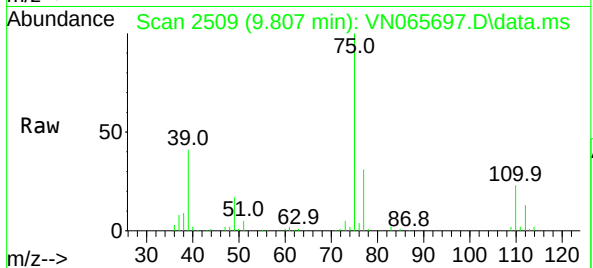
cis-1,3-Dichloropropene  
 Concen: 58.37 ug/l  
 RT: 9.807 min Scan# 2509  
 Delta R.T. 0.003 min  
 Lab File: VN065697.D  
 Acq: 3 Feb 2021 13:39

Tgt Ion: 75 Resp: 184896  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 24.8 37.2  
 39 41.3 34.4 51.6

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC050

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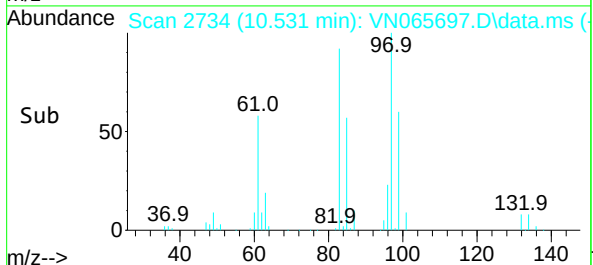
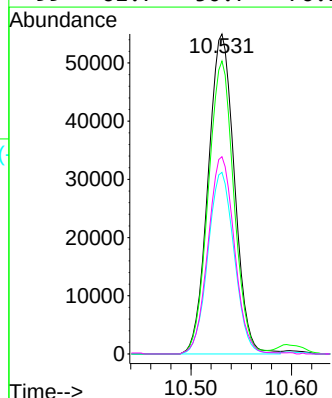
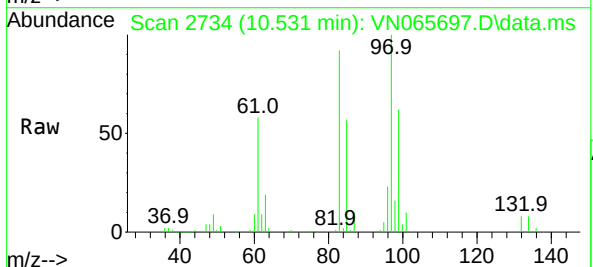
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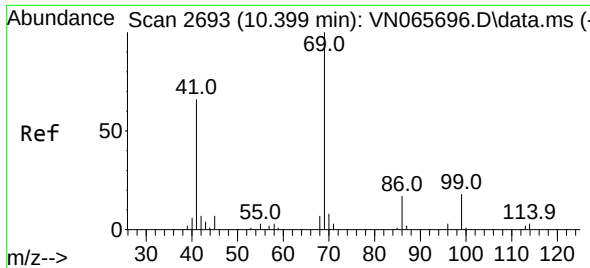


#50

1,1,2-Trichloroethane  
 Concen: 52.32 ug/l  
 RT: 10.531 min Scan# 2734  
 Delta R.T. 0.000 min  
 Lab File: VN065697.D  
 Acq: 3 Feb 2021 13:39

Tgt Ion: 97 Resp: 99790  
 Ion Ratio Lower Upper  
 97 100  
 83 91.6 68.4 102.6  
 85 56.8 42.8 64.2  
 99 61.7 50.7 76.1





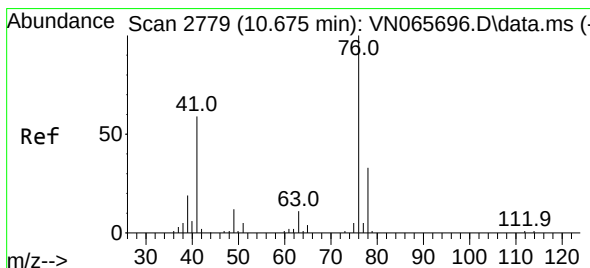
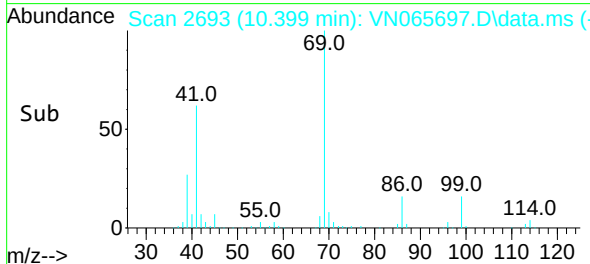
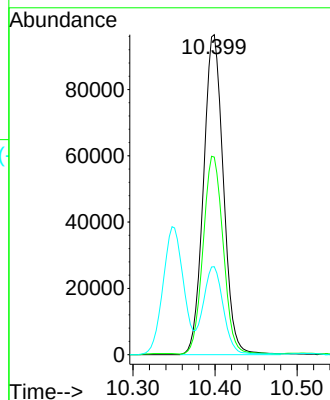
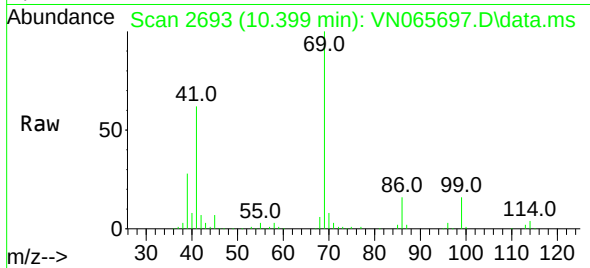
#51  
Ethyl methacrylate  
Concen: 59.04 ug/l  
RT: 10.399 min Scan# 2693  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 69 Resp: 162550  
Ion Ratio Lower Upper  
69 100  
41 61.5 31.9 95.7  
39 27.3 15.6 46.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

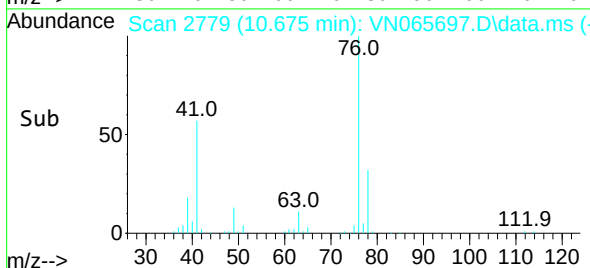
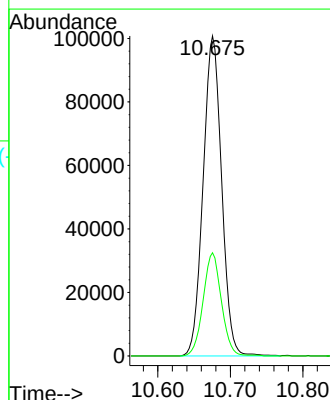
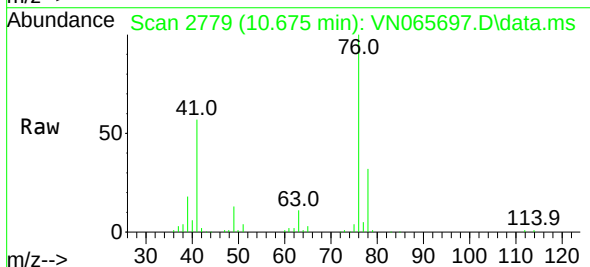
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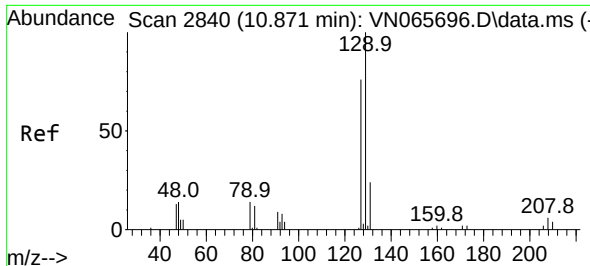
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#52  
1,3-Dichloropropane  
Concen: 55.60 ug/l  
RT: 10.675 min Scan# 2779  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 76 Resp: 178666  
Ion Ratio Lower Upper  
76 100  
78 31.7 0.0 64.2





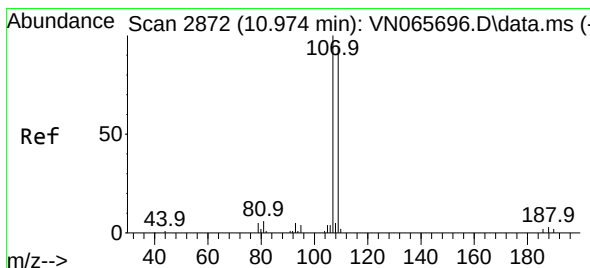
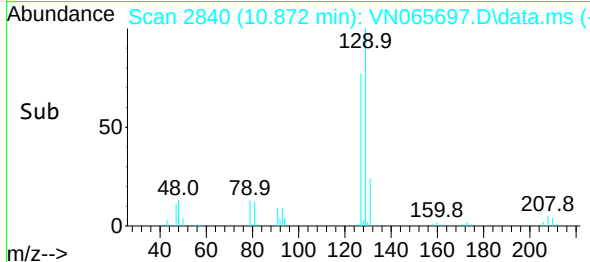
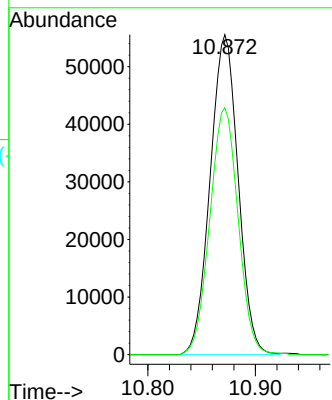
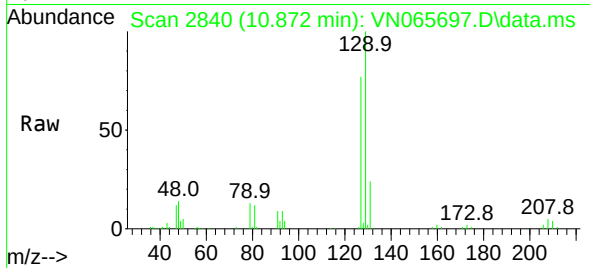
#53  
Dibromochloromethane  
Concen: 48.10 ug/l  
RT: 10.872 min Scan# 2840  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion:129 Resp: 100452  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.9 116.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

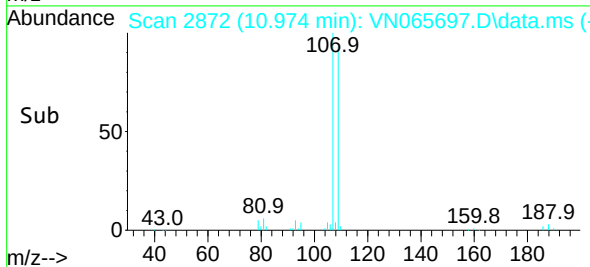
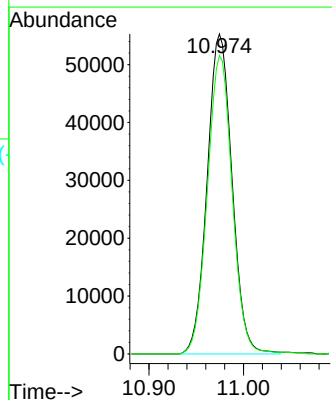
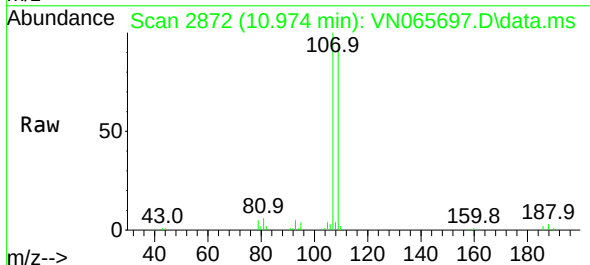
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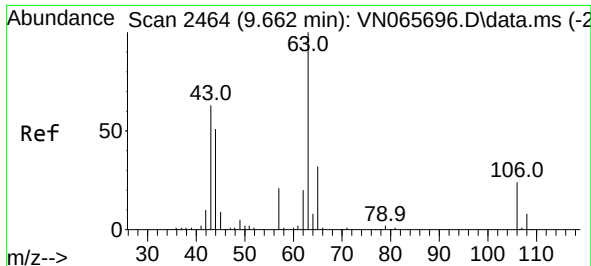
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#54  
1,2-Dibromoethane  
Concen: 49.96 ug/l  
RT: 10.974 min Scan# 2872  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion:107 Resp: 101054  
Ion Ratio Lower Upper  
107 100  
109 93.0 76.6 115.0





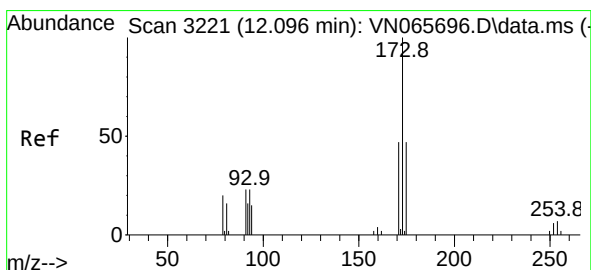
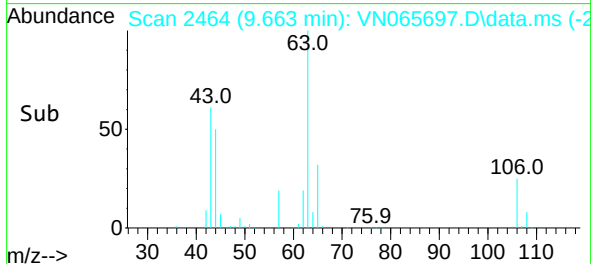
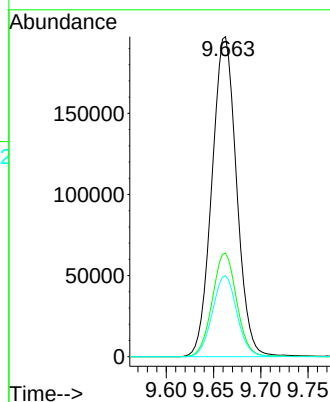
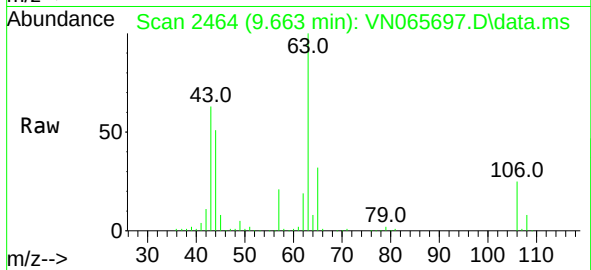
#55  
2-Chloroethyl vinyl ether  
Concen: 288.76 ug/l  
RT: 9.663 min Scan# 2464  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 63 Resp: 357399  
Ion Ratio Lower Upper  
63 100  
65 32.1 25.7 38.5  
106 25.3 23.1 34.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

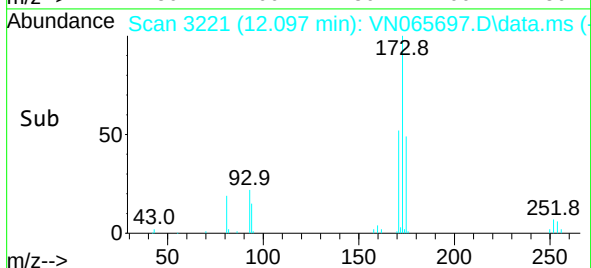
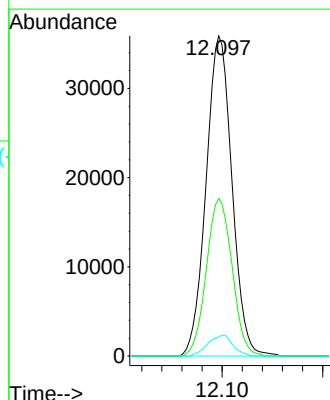
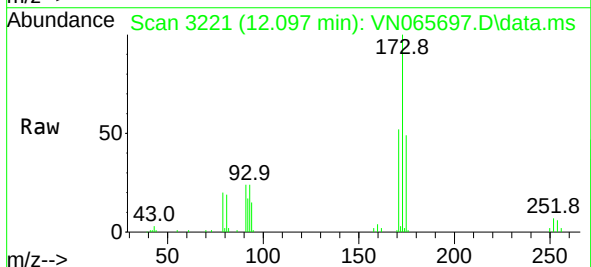
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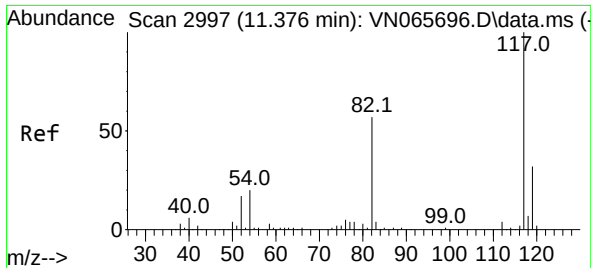
MMDadoda  
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#56  
Bromoform  
Concen: 40.45 ug/l  
RT: 12.097 min Scan# 3221  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 173 Resp: 64133  
Ion Ratio Lower Upper  
173 100  
175 48.8 38.2 57.4  
254 6.3 9.8 14.8#





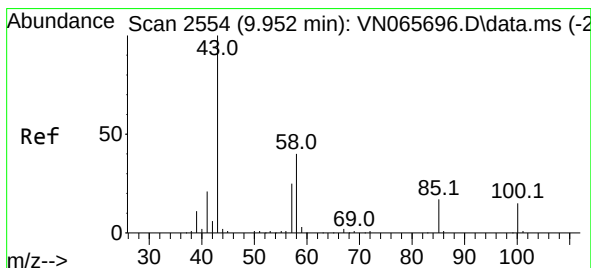
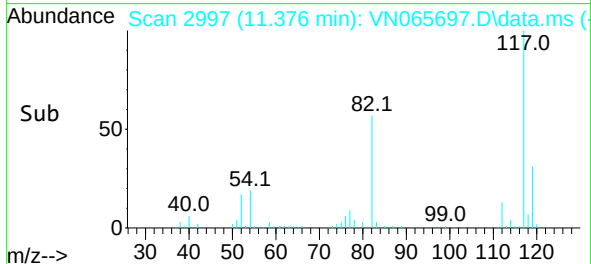
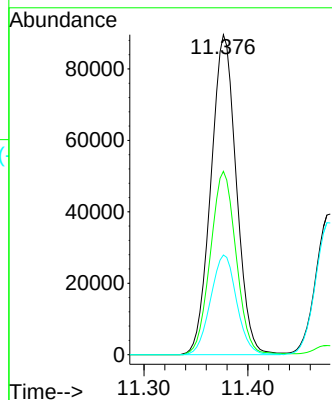
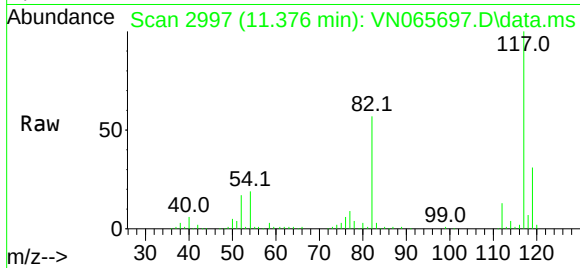
#57  
Chlorobenzene-d5  
Concen: 30.00 ug/l  
RT: 11.376 min Scan# 2997  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 151992 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 58.0  | 41.3  | 61.9   |
| 119      | 32.0  | 25.7  | 38.5   |

Instrument :  
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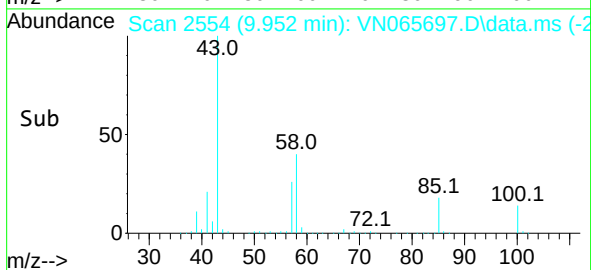
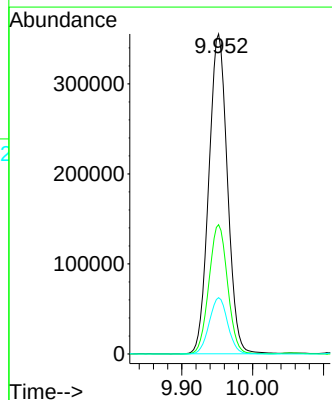
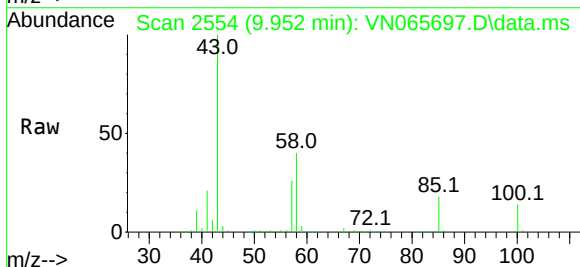
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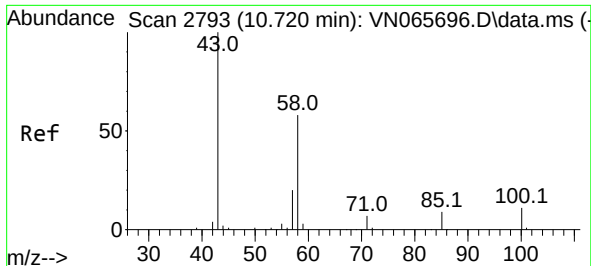


#58  
4-Methyl-2-Pentanone  
Concen: 309.37 ug/l  
RT: 9.952 min Scan# 2554  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 648319 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 40.6  | 32.7  | 49.1   |
| 85       | 17.5  | 16.0  | 24.0   |







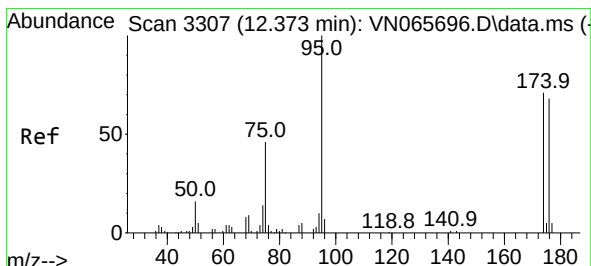
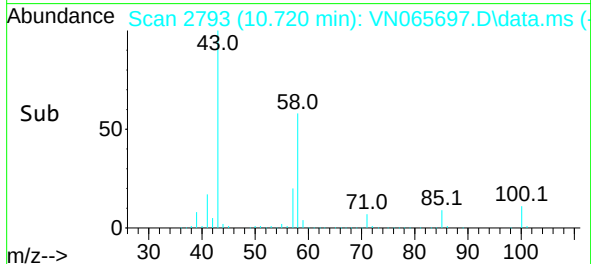
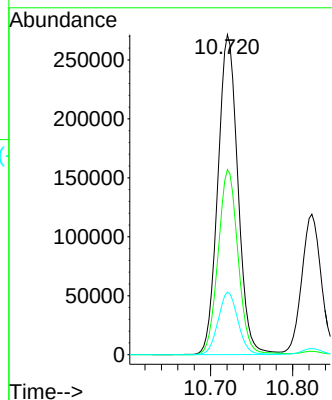
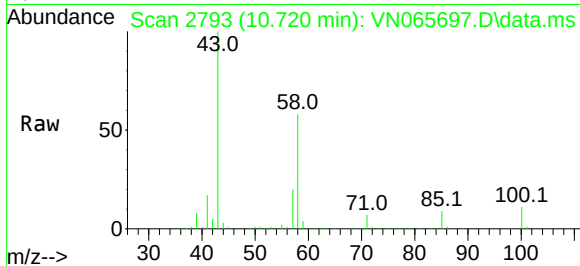
#59  
2-Hexanone  
Concen: 304.14 ug/l  
RT: 10.720 min Scan# 2793  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
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Tgt Ion: 43 Resp: 461099  
Ion Ratio Lower Upper  
43 100  
58 57.6 45.4 68.0  
57 19.5 15.8 23.8

Instrument :  
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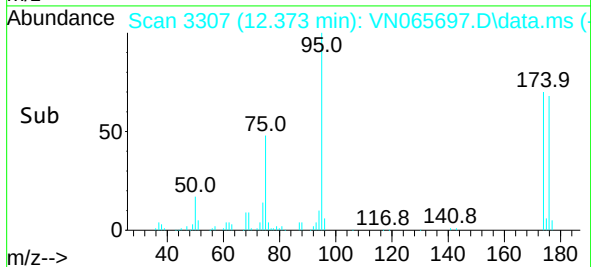
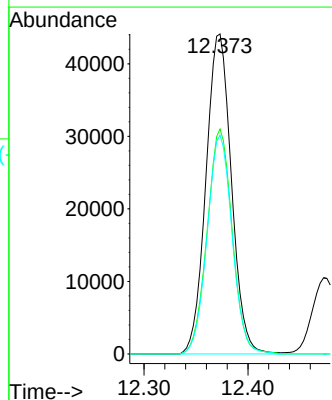
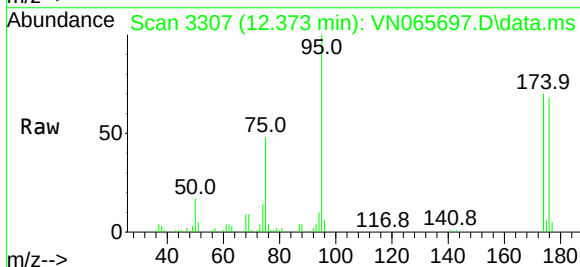
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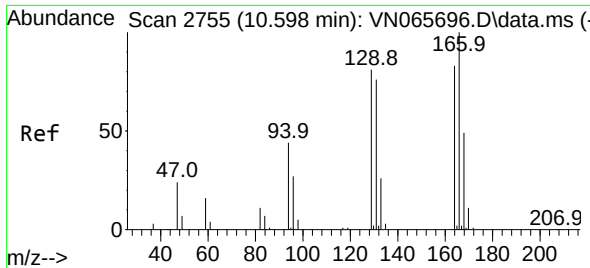
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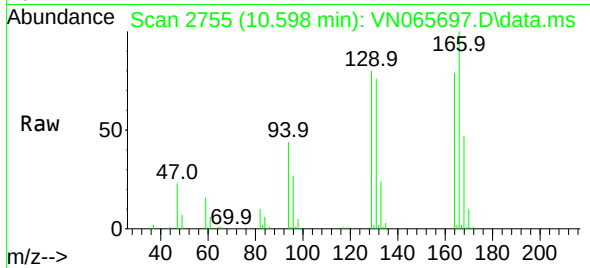
#60  
4-Bromofluorobenzene  
Concen: 31.97 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
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Tgt Ion: 95 Resp: 75107  
Ion Ratio Lower Upper  
95 100  
174 69.3 77.0 115.6#  
176 67.2 75.8 113.6#

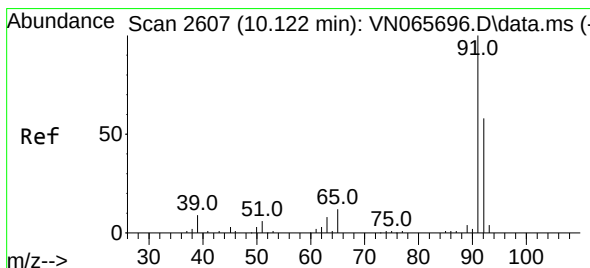
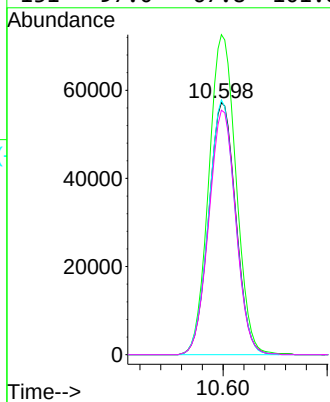
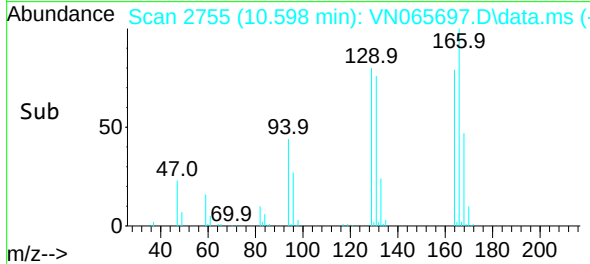




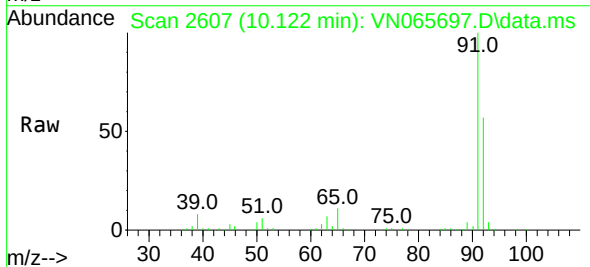
#61  
Tetrachloroethene  
Concen: 44.31 ug/l  
RT: 10.598 min Scan# 2755  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39



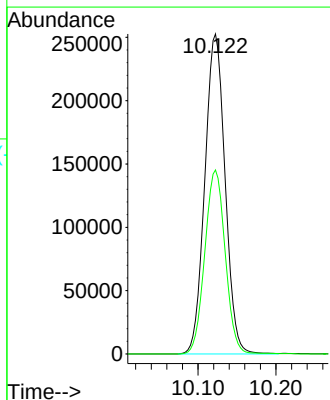
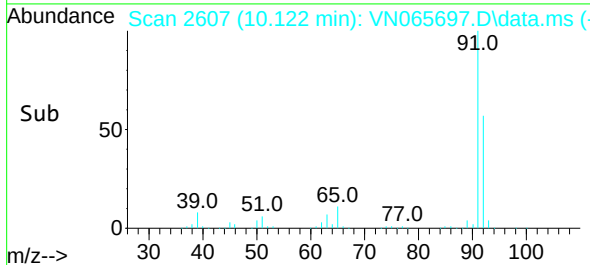
Tgt Ion:164 Resp: 103553  
Ion Ratio Lower Upper  
164 100  
166 127.0 101.2 151.8  
129 101.1 69.7 104.5  
131 97.0 67.8 101.8



#62  
Toluene  
Concen: 56.74 ug/l  
RT: 10.122 min Scan# 2607  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39



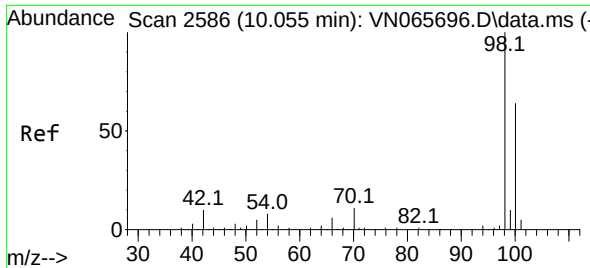
Tgt Ion: 91 Resp: 456668  
Ion Ratio Lower Upper  
91 100  
92 57.7 46.2 69.4



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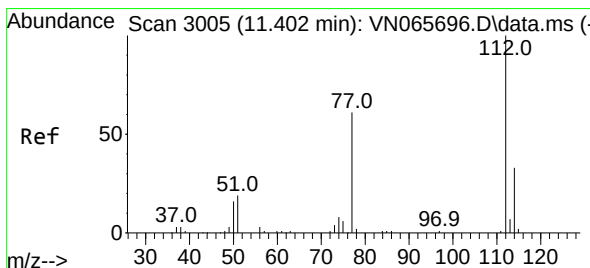
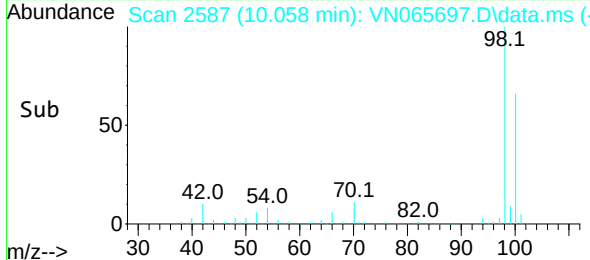
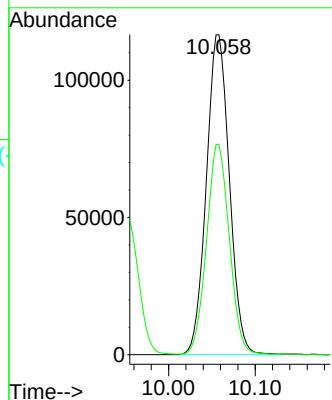
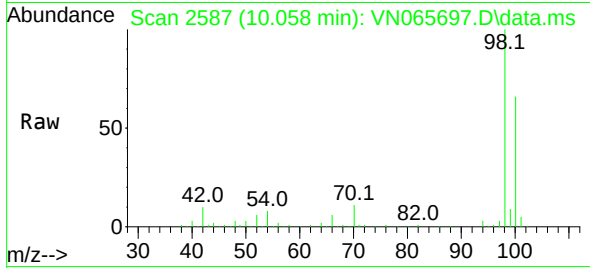
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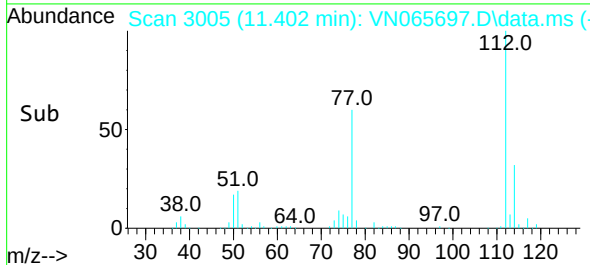
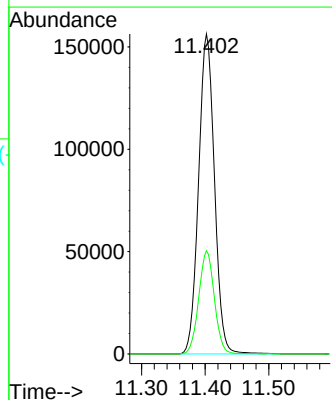
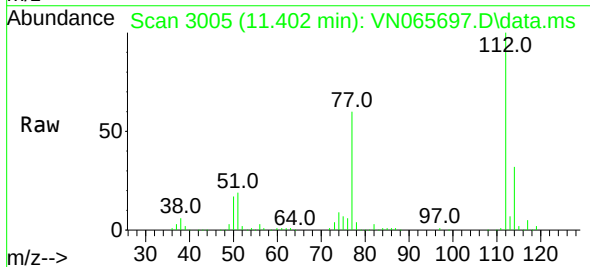
#63  
Toluene-d8  
Concen: 31.74 ug/l  
RT: 10.058 min Scan# 2587  
Delta R.T. 0.003 min  
Lab File: VN065697.D  
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Tgt Ion: 98 Resp: 215553  
Ion Ratio Lower Upper  
98 100  
100 64.8 51.9 77.9



#64  
Chlorobenzene  
Concen: 52.71 ug/l  
RT: 11.402 min Scan# 3005  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

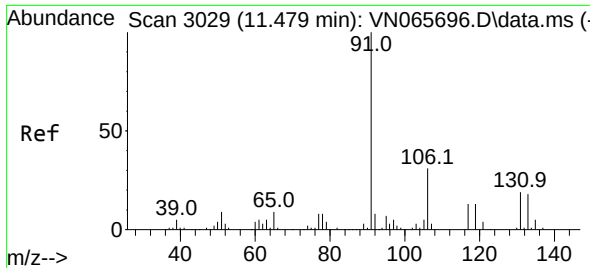
Tgt Ion: 112 Resp: 270986  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.5 38.3



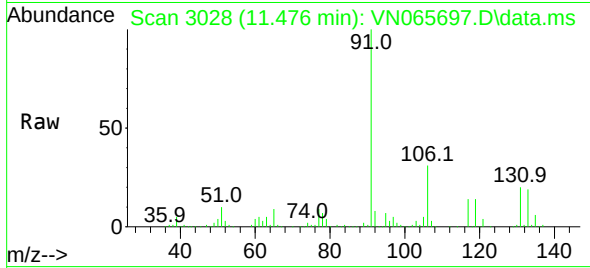
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

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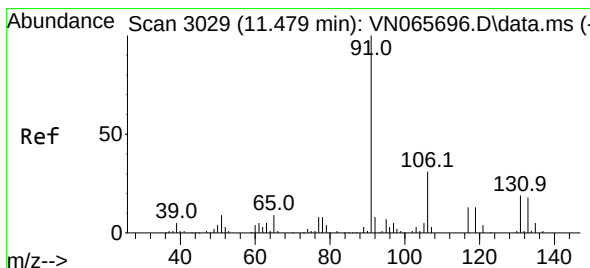
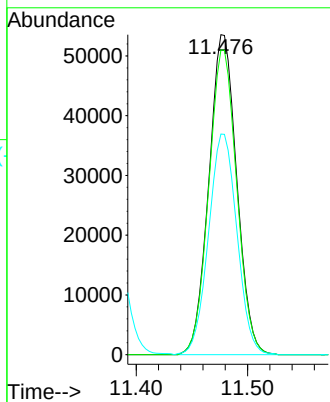
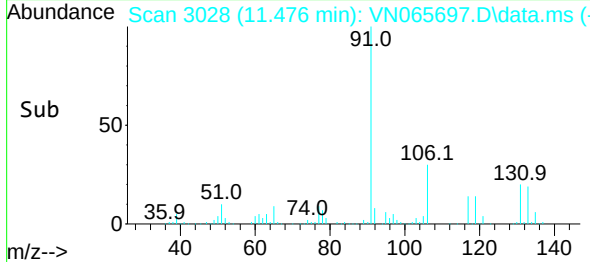
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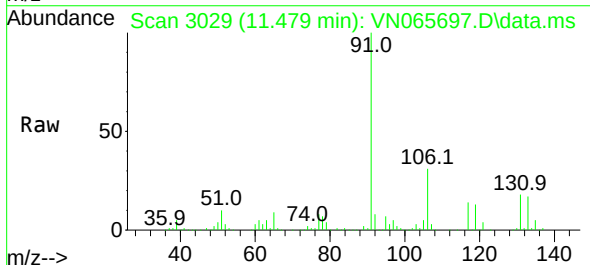
#65  
1,1,1,2-Tetrachloroethane  
Concen: 48.86 ug/l  
RT: 11.476 min Scan# 3028  
Delta R.T. -0.003 min  
Lab File: VN065697.D  
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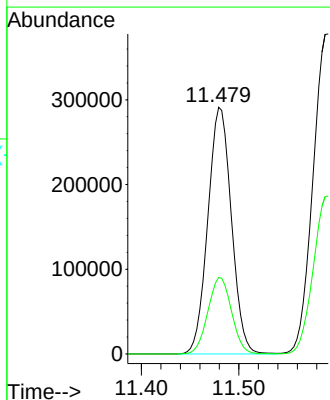
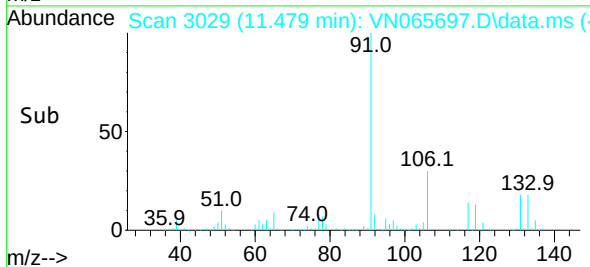
Tgt Ion:131 Resp: 93172  
Ion Ratio Lower Upper  
131 100  
133 95.6 0.0 186.2  
119 70.2 0.0 131.6



#66  
Ethyl Benzene  
Concen: 55.61 ug/l  
RT: 11.479 min Scan# 3029  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39



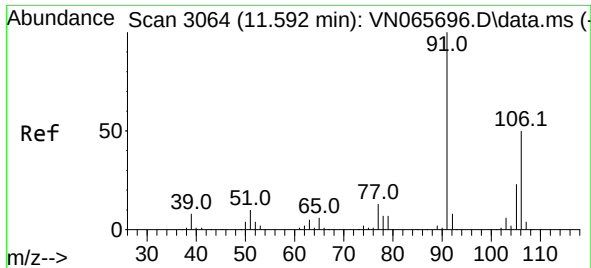
Tgt Ion: 91 Resp: 488721  
Ion Ratio Lower Upper  
91 100  
106 31.0 25.5 38.3



Instrument :  
MSVOA\_N  
ClientSampleId :  
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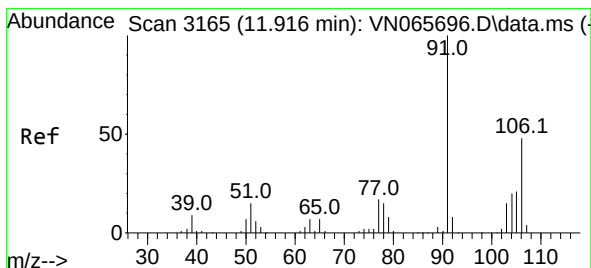
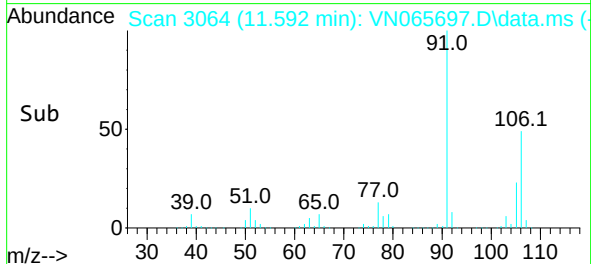
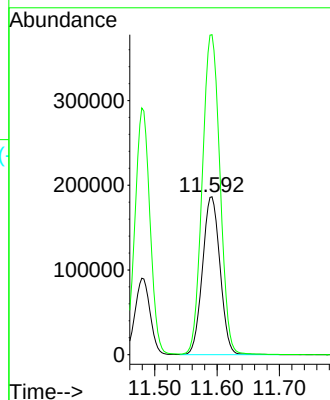
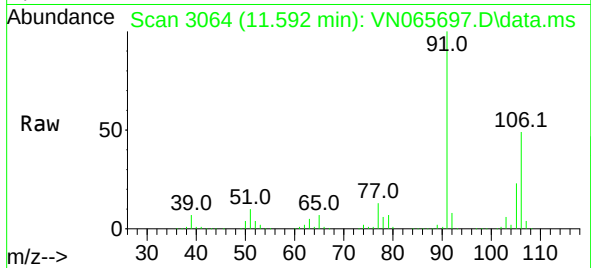
#67  
m/p-Xylenes  
Concen: 106.92 ug/l  
RT: 11.592 min Scan# 3064  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
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Tgt Ion:106 Resp: 364413  
Ion Ratio Lower Upper  
106 100  
91 203.3 159.0 238.6

Instrument :  
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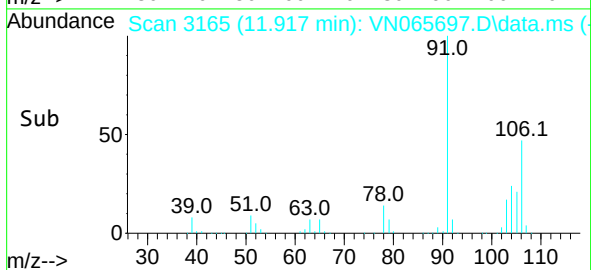
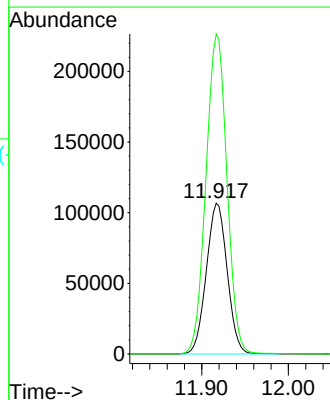
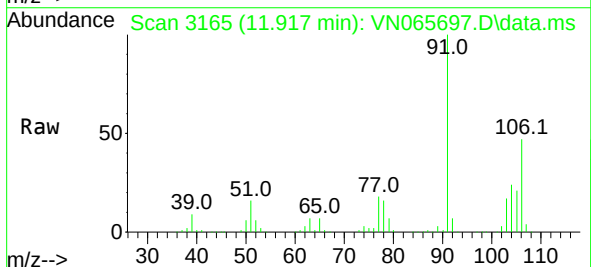
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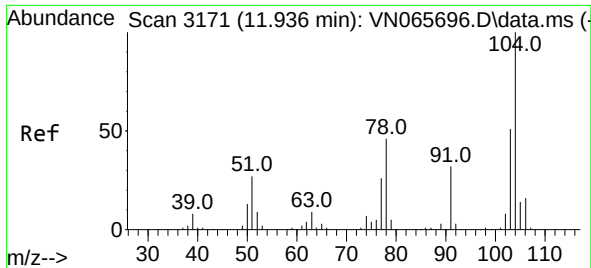
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#68  
o-Xylene  
Concen: 54.05 ug/l  
RT: 11.917 min Scan# 3165  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
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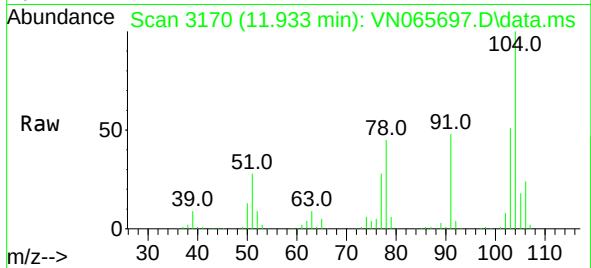
Tgt Ion:106 Resp: 178435  
Ion Ratio Lower Upper  
106 100  
91 213.4 104.7 313.9





#69  
Styrene  
Concen: 54.00 ug/l  
RT: 11.933 min Scan# 3170  
Delta R.T. -0.003 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

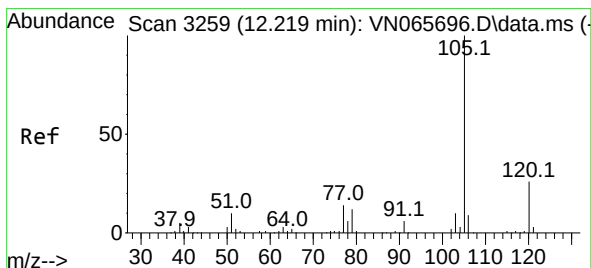
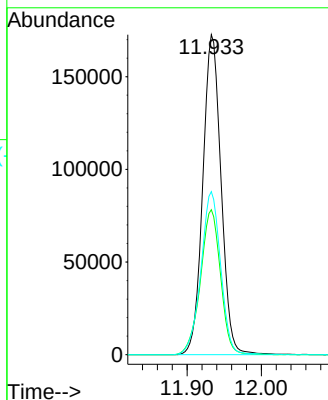
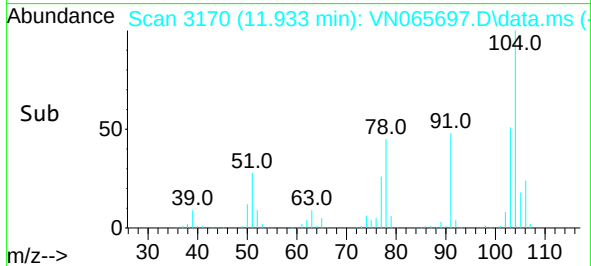
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050



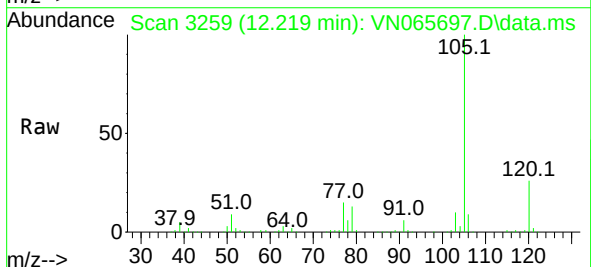
Tgt Ion:104 Resp: 294916  
Ion Ratio Lower Upper  
104 100  
78 49.8 38.0 57.0  
103 55.1 44.3 66.5

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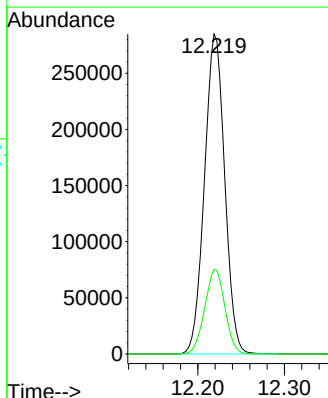
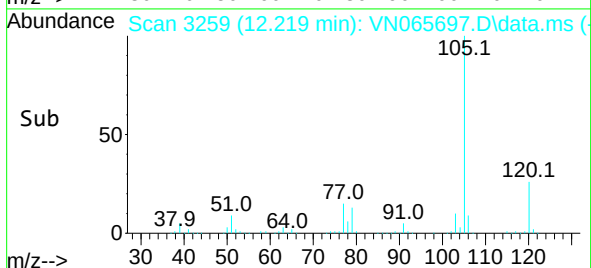
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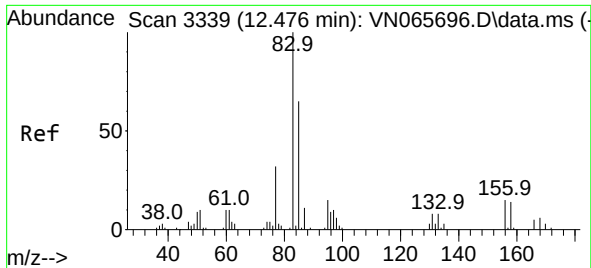


#70  
Isopropylbenzene  
Concen: 53.79 ug/l  
RT: 12.219 min Scan# 3259  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
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Tgt Ion:105 Resp: 462632  
Ion Ratio Lower Upper  
105 100  
120 26.4 19.3 35.9





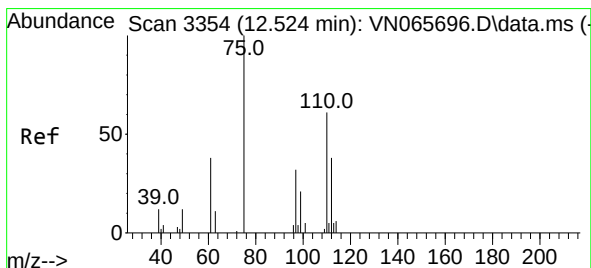
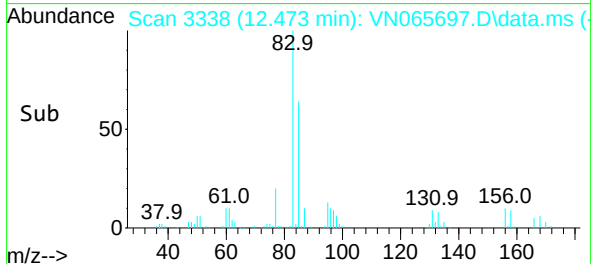
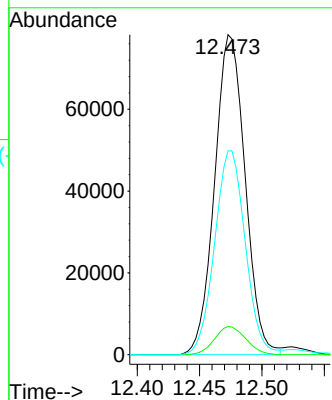
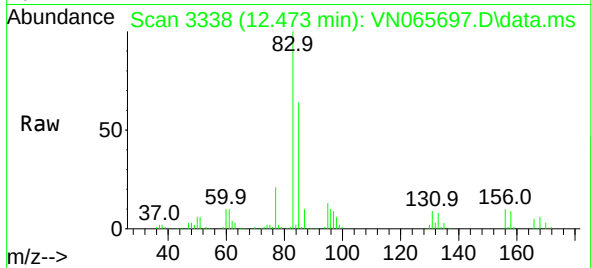
#71  
1,1,2,2-Tetrachloroethane  
Concen: 54.15 ug/l  
RT: 12.473 min Scan# 3338  
Delta R.T. -0.003 min  
Lab File: VN065697.D  
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Tgt Ion: 83 Resp: 133325  
Ion Ratio Lower Upper  
83 100  
131 9.0 5.5 16.4  
85 64.0 32.1 96.5

Instrument :  
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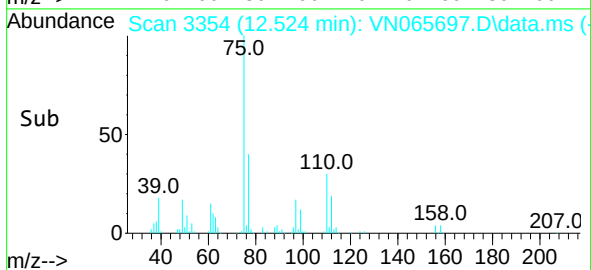
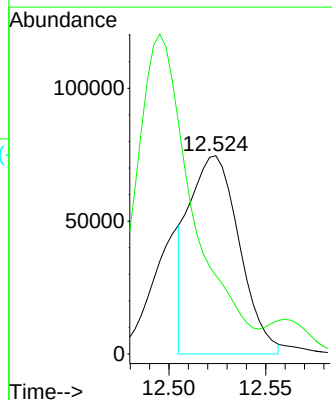
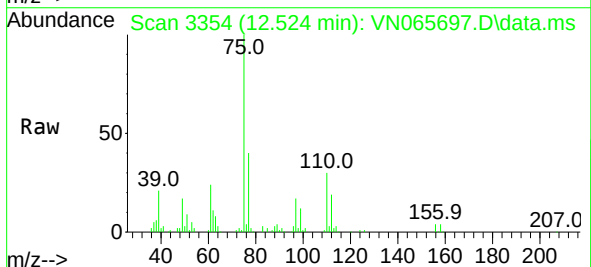
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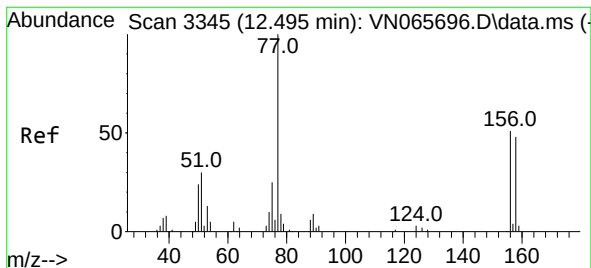
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#72  
1,2,3-Trichloropropane  
Concen: 56.14 ug/l m  
RT: 12.524 min Scan# 3354  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 75 Resp: 133358  
Ion Ratio Lower Upper  
75 100  
77 184.7 0.0 366.4





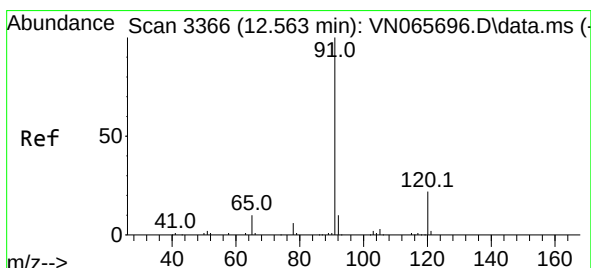
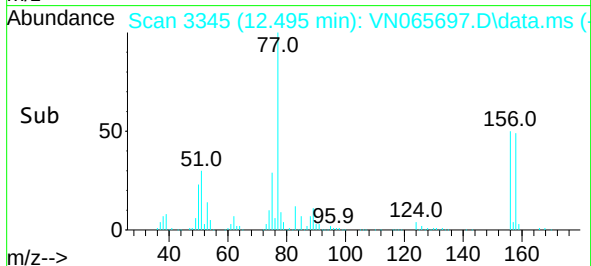
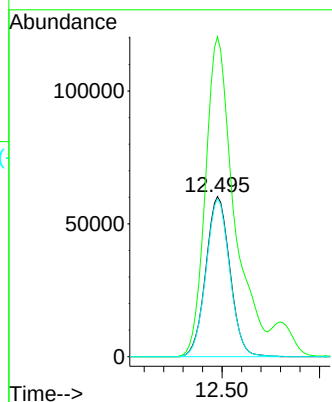
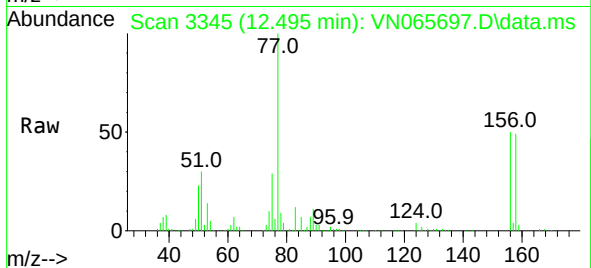
#73  
Bromobenzene  
Concen: 43.78 ug/l  
RT: 12.495 min Scan# 3345  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
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Tgt Ion: 156 Resp: 103285  
Ion Ratio Lower Upper  
156 100  
77 238.5 0.0 348.8  
158 97.7 0.0 194.8

Instrument :  
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ClientSampleId :  
VSTDIC050

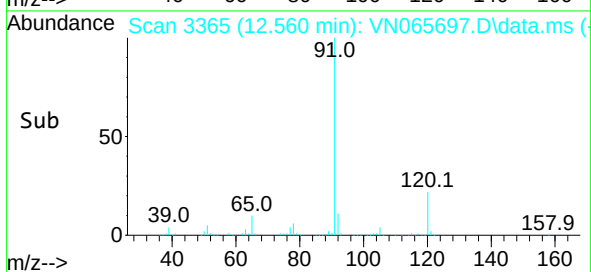
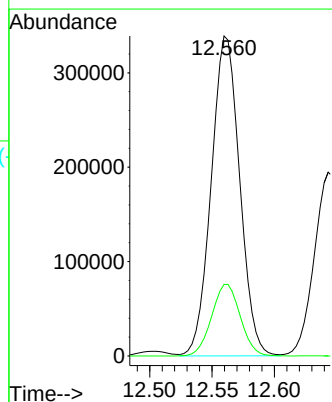
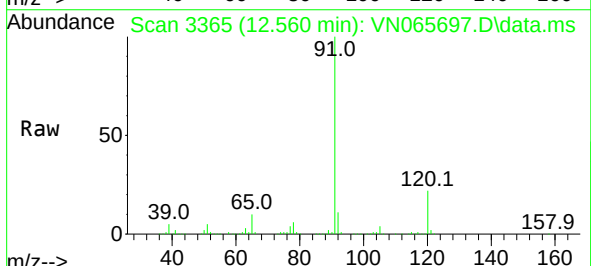
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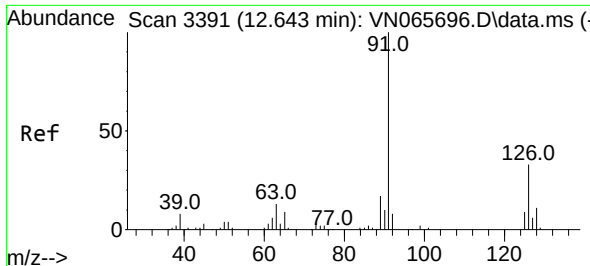


#74  
n-propylbenzene  
Concen: 55.74 ug/l  
RT: 12.560 min Scan# 3365  
Delta R.T. -0.003 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 91 Resp: 538677  
Ion Ratio Lower Upper  
91 100  
120 22.5 0.0 49.4







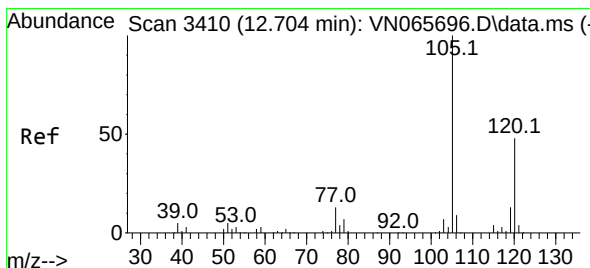
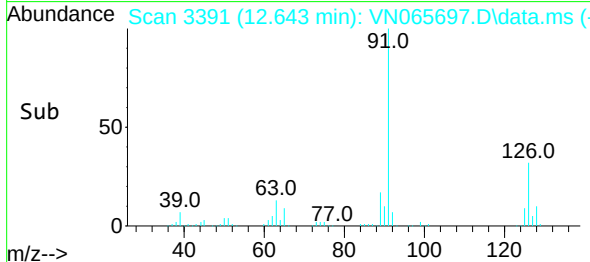
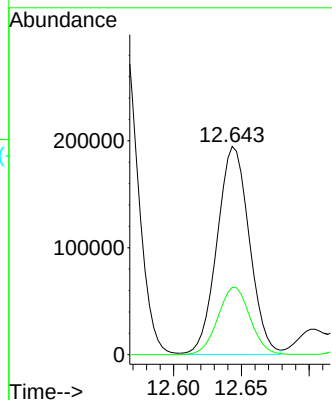
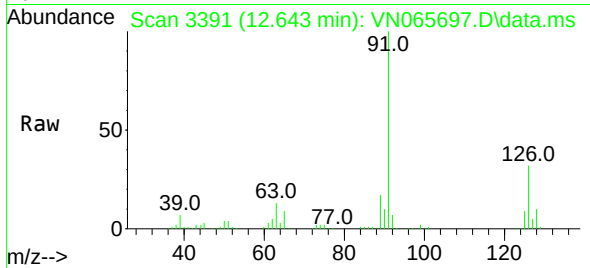
#75  
2-Chlorotoluene  
Concen: 55.06 ug/l  
RT: 12.643 min Scan# 3391  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 91 Resp: 321980  
Ion Ratio Lower Upper  
91 100  
126 32.4 0.0 74.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

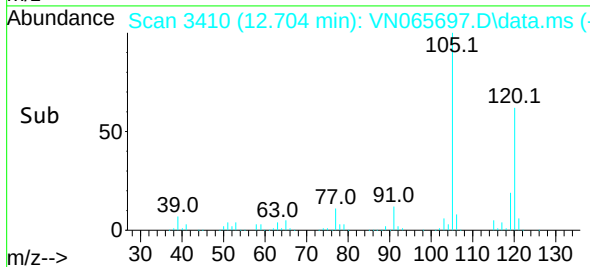
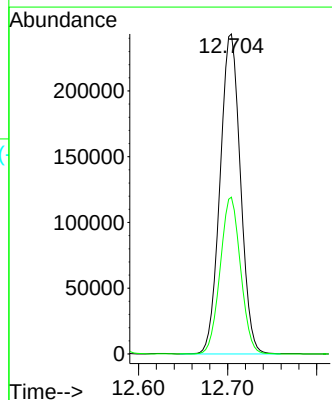
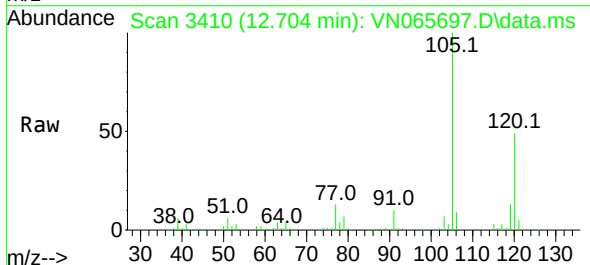
Manual Integrations  
APPROVED

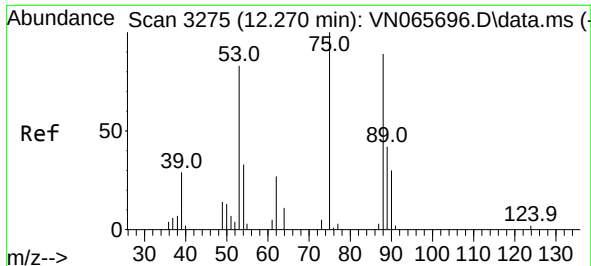
MMDadoda  
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#76  
1,3,5-Trimethylbenzene  
Concen: 52.94 ug/l  
RT: 12.704 min Scan# 3410  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 105 Resp: 387777  
Ion Ratio Lower Upper  
105 100  
120 48.9 0.0 101.6





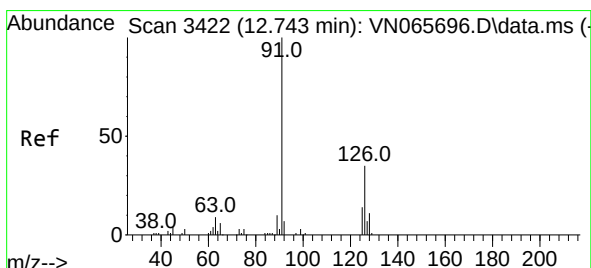
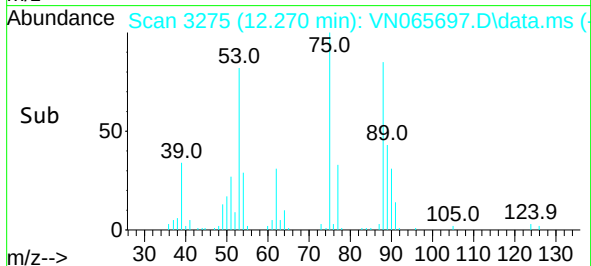
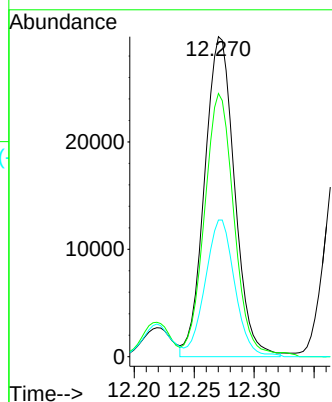
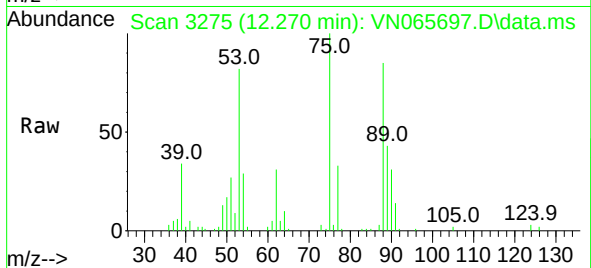
#77  
t-1,4-Dichloro-2-butene  
Concen: 61.40 ug/l  
RT: 12.270 min Scan# 3275  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion: 75 Resp: 51865  
Ion Ratio Lower Upper  
75 100  
53 81.9 44.9 134.5  
89 42.7 21.3 64.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

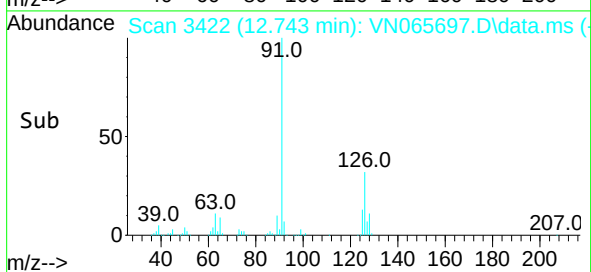
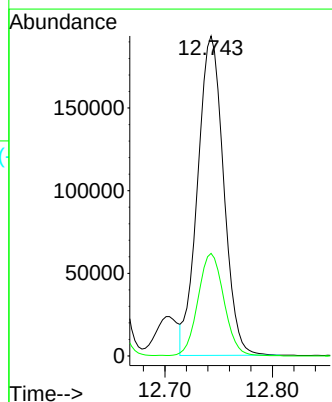
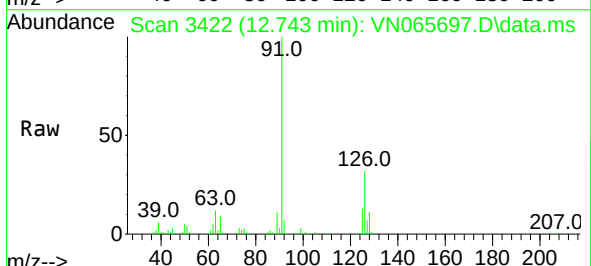
Manual Integrations  
APPROVED

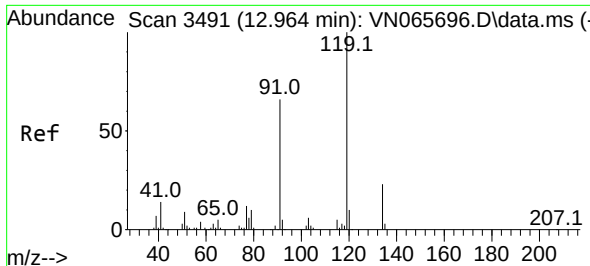
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#78  
4-Chlorotoluene  
Concen: 55.03 ug/l  
RT: 12.743 min Scan# 3422  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

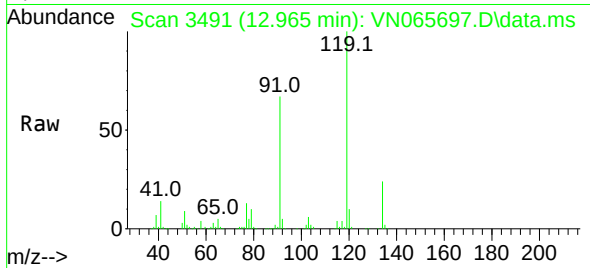
Tgt Ion: 91 Resp: 323303  
Ion Ratio Lower Upper  
91 100  
126 32.2 0.0 71.4





#79  
tert-butylbenzene  
Concen: 50.49 ug/l  
RT: 12.965 min Scan# 3491  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

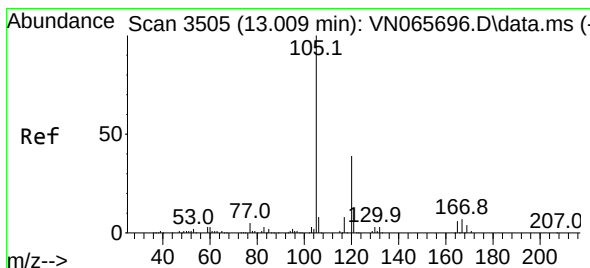
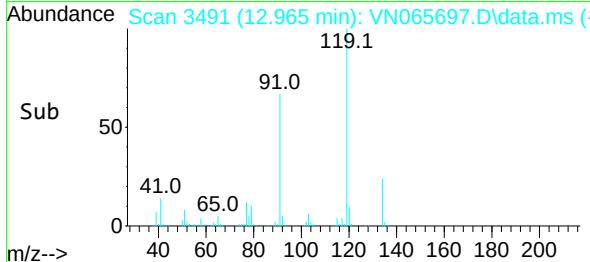
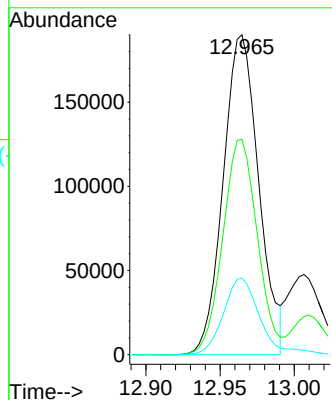
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050



Tgt Ion:119 Resp: 316386  
Ion Ratio Lower Upper  
119 100  
91 65.5 0.0 126.0  
134 24.6 0.0 51.2

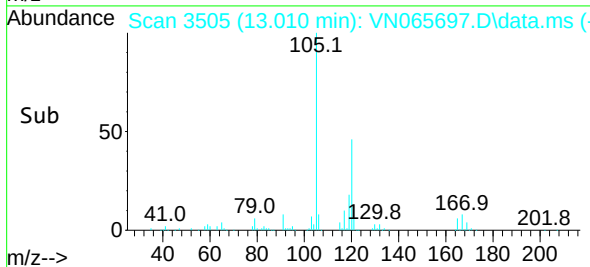
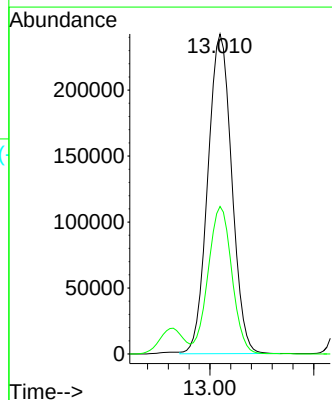
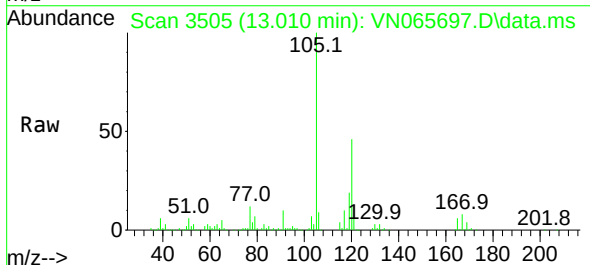
Manual Integrations  
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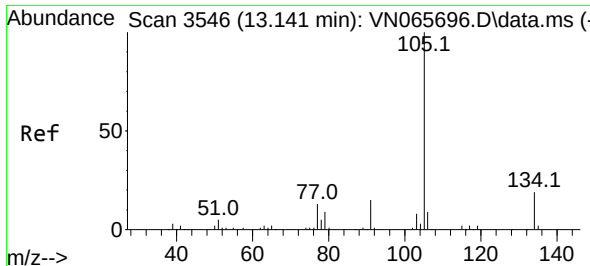
MMDadoda  
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#80  
1,2,4-Trimethylbenzene  
Concen: 53.22 ug/l  
RT: 13.010 min Scan# 3505  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion:105 Resp: 387853  
Ion Ratio Lower Upper  
105 100  
120 45.9 0.0 93.6





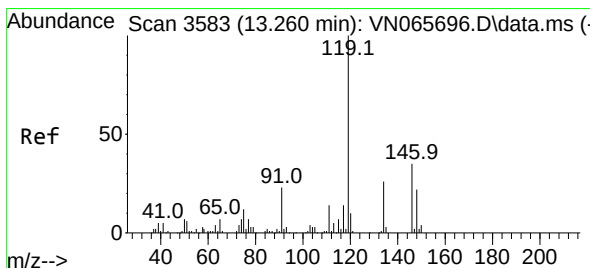
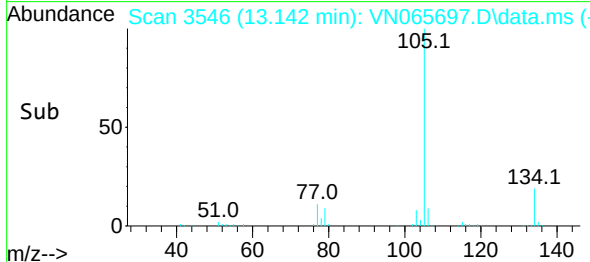
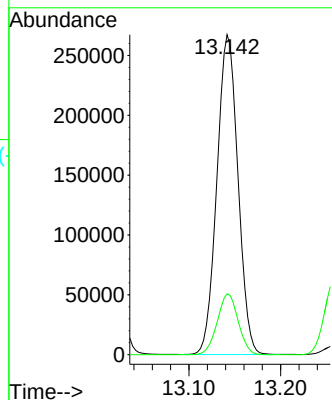
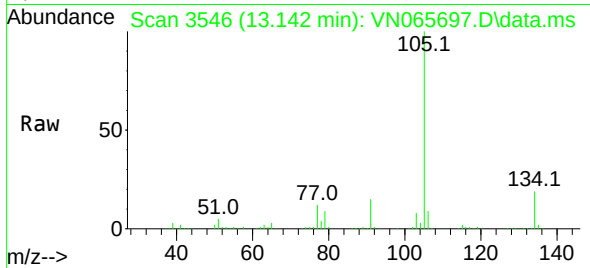
#81  
sec-Butylbenzene  
Concen: 52.27 ug/l  
RT: 13.142 min Scan# 3546  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion:105 Resp: 425853  
Ion Ratio Lower Upper  
105 100  
134 18.9 0.0 42.2

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC050

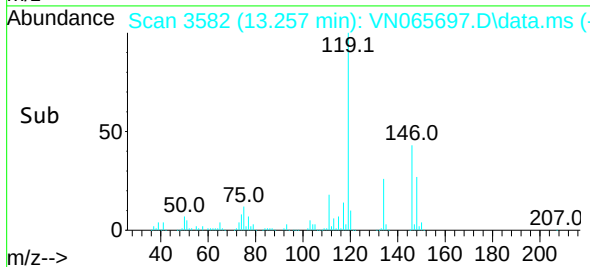
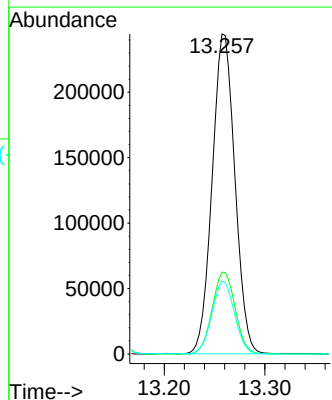
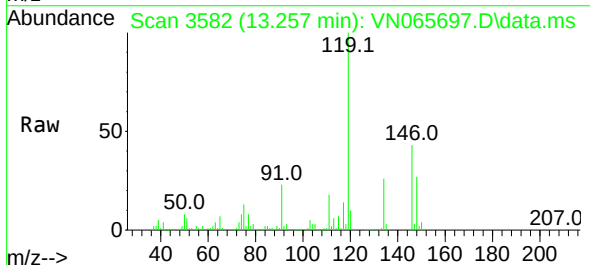
Manual Integrations  
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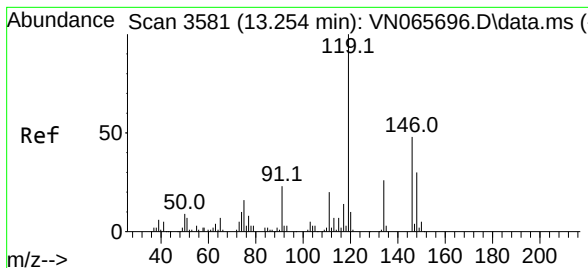
MMDadoda  
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#82  
p-Isopropyltoluene  
Concen: 50.83 ug/l  
RT: 13.257 min Scan# 3582  
Delta R.T. -0.003 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion:119 Resp: 383781  
Ion Ratio Lower Upper  
119 100  
134 25.8 0.0 54.8  
91 22.7 0.0 44.8





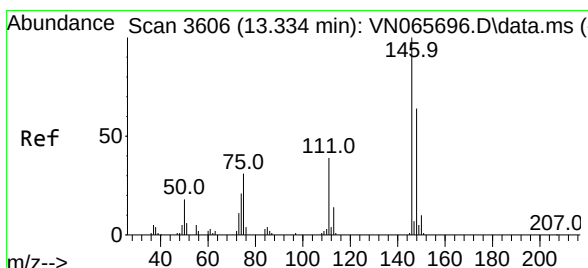
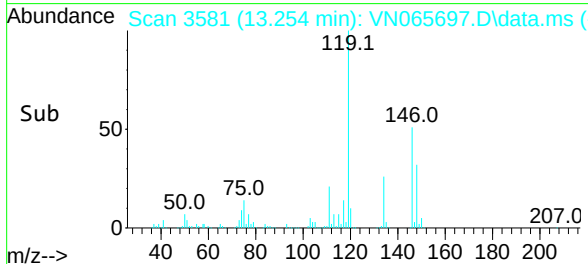
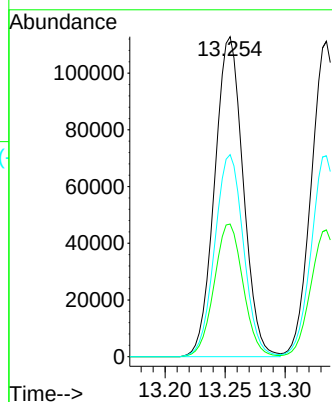
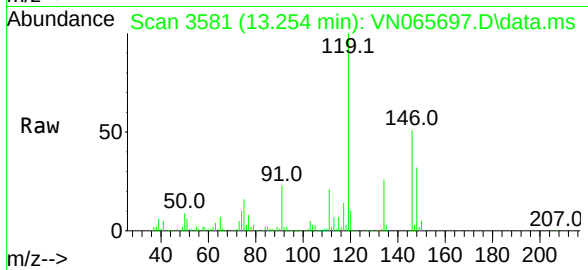
#83  
1,3-Dichlorobenzene  
Concen: 47.31 ug/l  
RT: 13.254 min Scan# 3581  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion:146 Resp: 186944  
Ion Ratio Lower Upper  
146 100  
111 42.1 18.6 55.8  
148 63.7 32.0 96.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

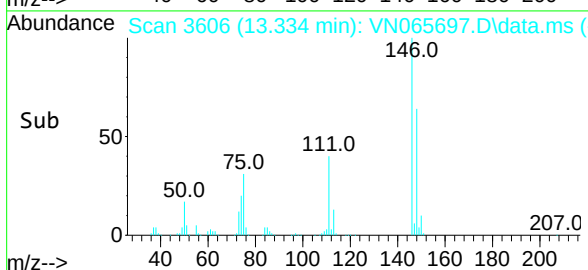
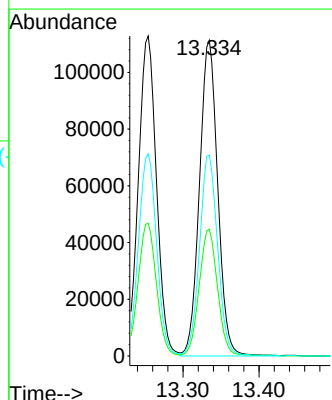
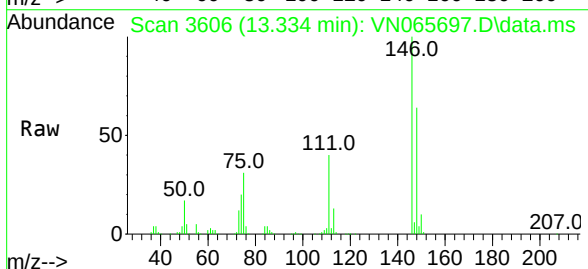
Manual Integrations  
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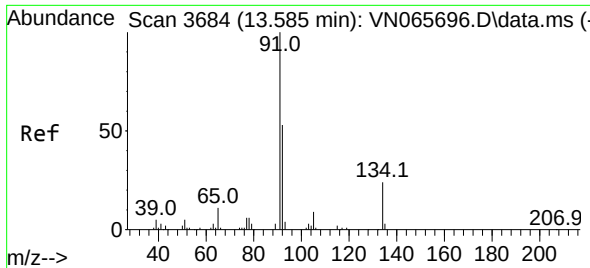
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#84  
1,4-Dichlorobenzene  
Concen: 47.91 ug/l  
RT: 13.334 min Scan# 3606  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

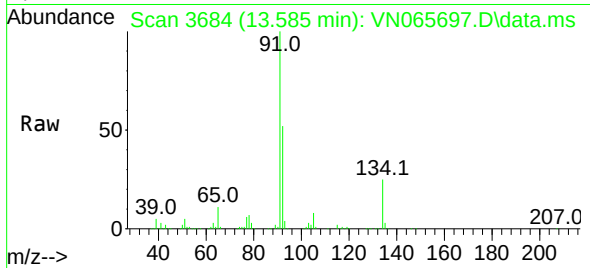
Tgt Ion:146 Resp: 185438  
Ion Ratio Lower Upper  
146 100  
111 39.9 17.9 53.7  
148 63.6 31.8 95.4





#85  
n-Butylbenzene  
Concen: 55.51 ug/l  
RT: 13.585 min Scan# 3684  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

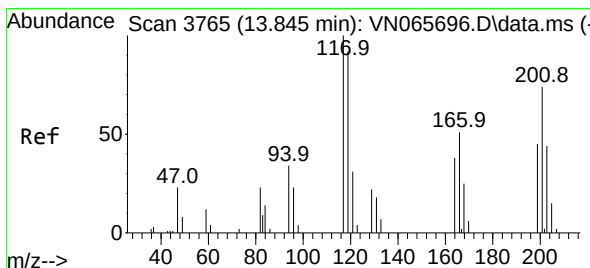
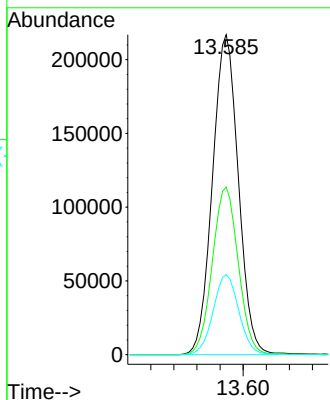
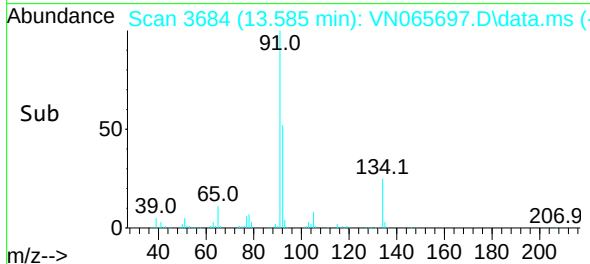
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050



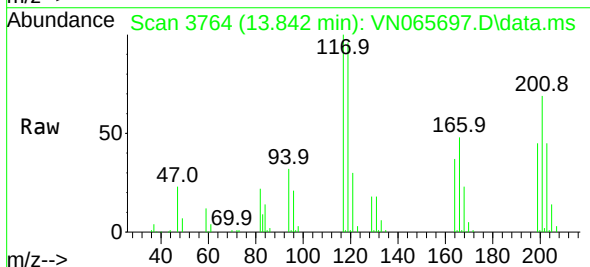
Tgt Ion: 91 Resp: 337429  
Ion Ratio Lower Upper  
91 100  
92 52.7 0.0 104.8  
134 24.9 0.0 55.8

Manual Integrations  
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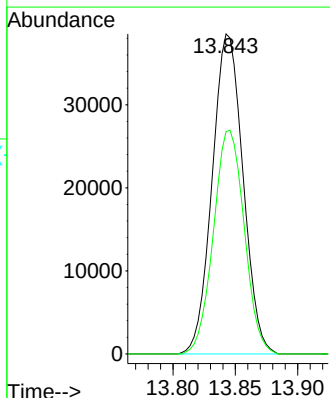
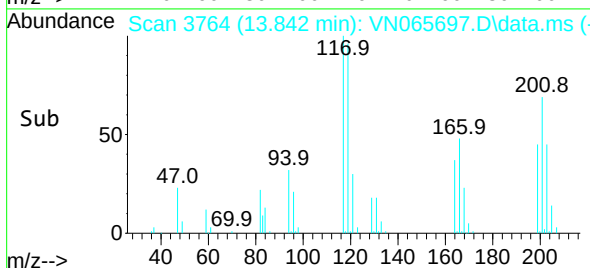
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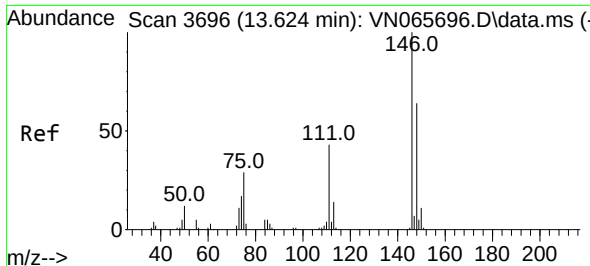


#86  
Hexachloroethane  
Concen: 52.75 ug/l  
RT: 13.842 min Scan# 3764  
Delta R.T. -0.003 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39



Tgt Ion: 117 Resp: 66285  
Ion Ratio Lower Upper  
117 100  
201 69.9 48.4 145.3





#87

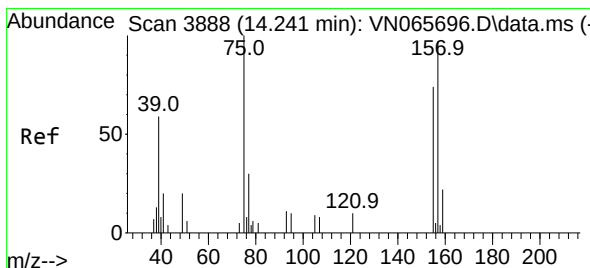
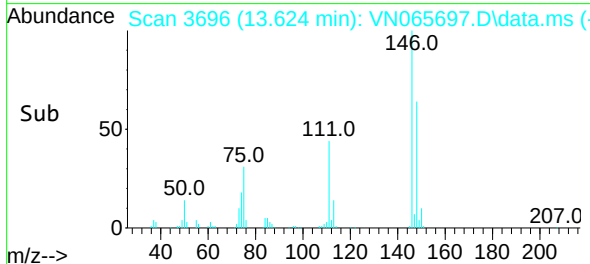
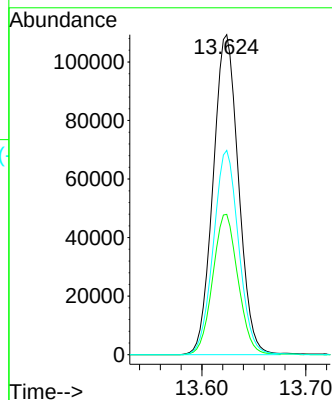
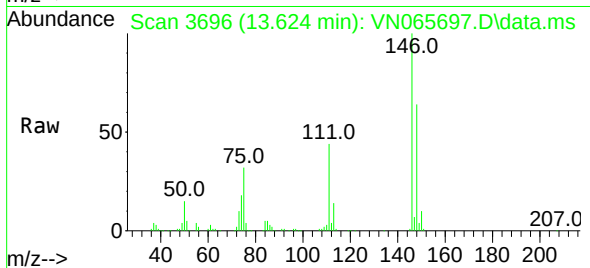
1,2-Dichlorobenzene  
Concen: 47.61 ug/l  
RT: 13.624 min Scan# 3696  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

Tgt Ion:146 Resp: 185837  
Ion Ratio Lower Upper  
146 100  
111 43.7 18.9 56.9  
148 63.7 32.3 96.8

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC050

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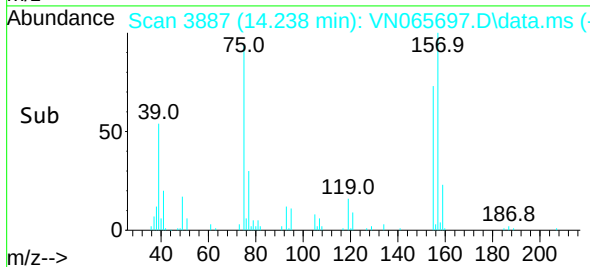
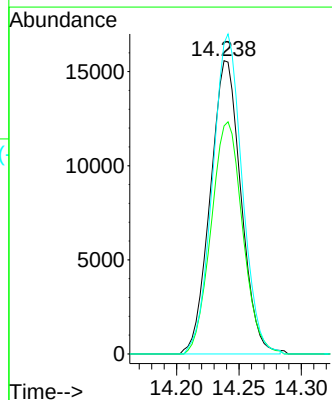
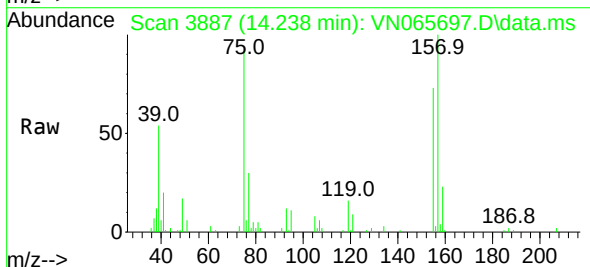
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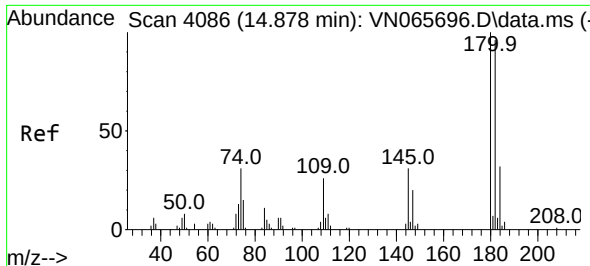


#88

1,2-Dibromo-3-Chloropropane  
Concen: 59.26 ug/l  
RT: 14.238 min Scan# 3887  
Delta R.T. -0.003 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

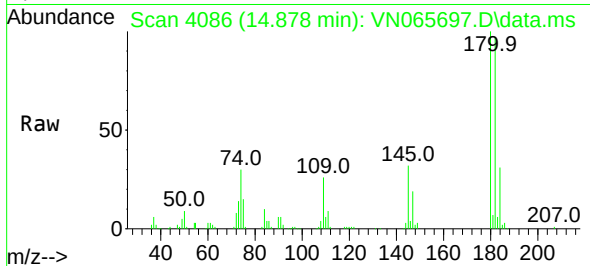
Tgt Ion: 75 Resp: 26736  
Ion Ratio Lower Upper  
75 100  
155 81.0 76.9 115.3  
157 105.3 105.8 158.8#





#89  
1,2,4-Trichlorobenzene  
Concen: 50.63 ug/l  
RT: 14.878 min Scan# 4086  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

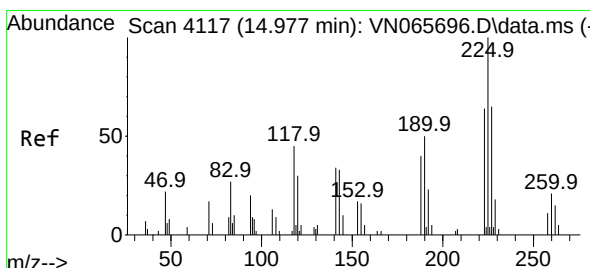
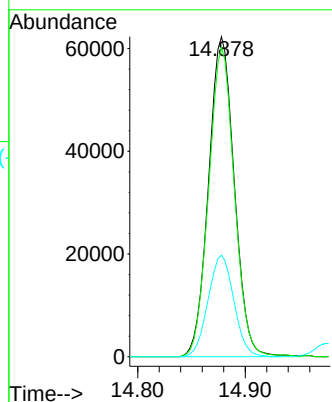
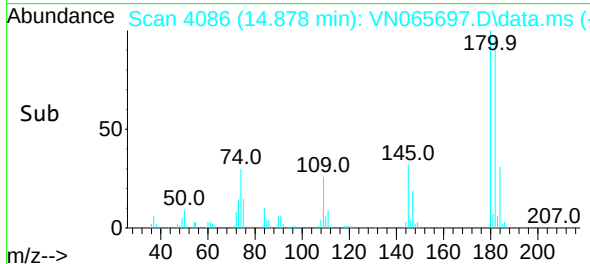
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050



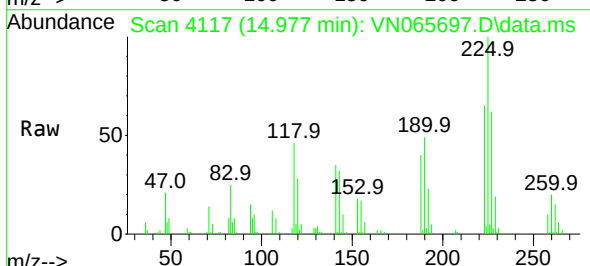
Tgt Ion:180 Resp: 103375  
Ion Ratio Lower Upper  
180 100  
182 96.2 78.5 117.7  
145 31.8 23.8 35.6

Manual Integrations  
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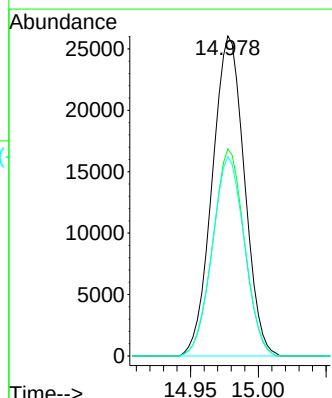
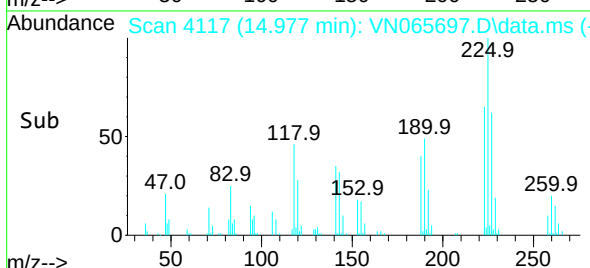
MMDadoda  
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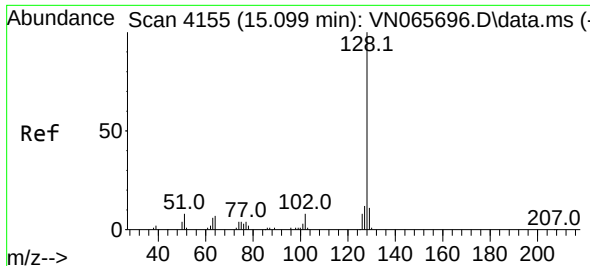
#90  
Hexachlorobutadiene  
Concen: 33.11 ug/l  
RT: 14.977 min Scan# 4117  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39



Tgt Ion:225 Resp: 42919  
Ion Ratio Lower Upper  
225 100  
223 63.5 0.0 122.0  
227 62.5 0.0 126.4

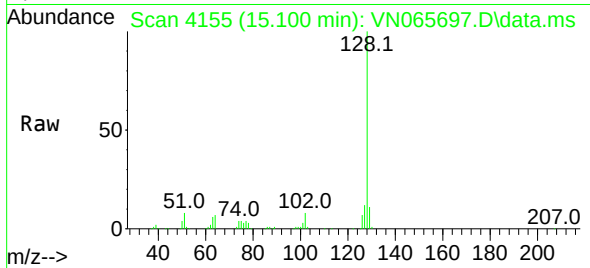






#91  
Naphthalene  
Concen: 62.02 ug/l  
RT: 15.100 min Scan# 4155  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39

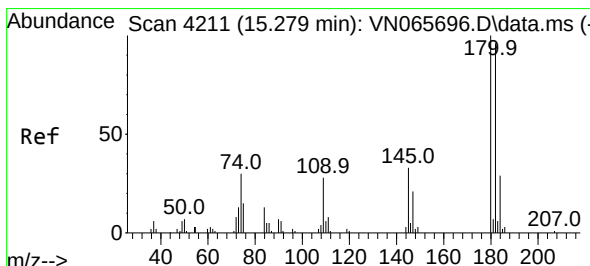
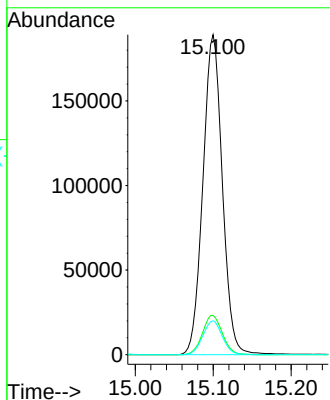
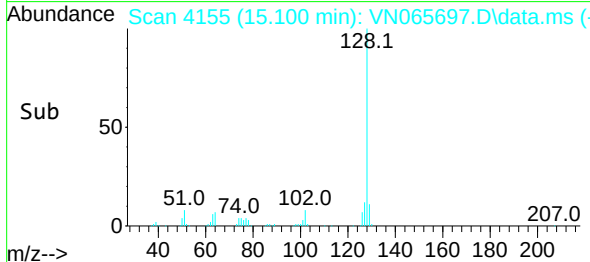
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050



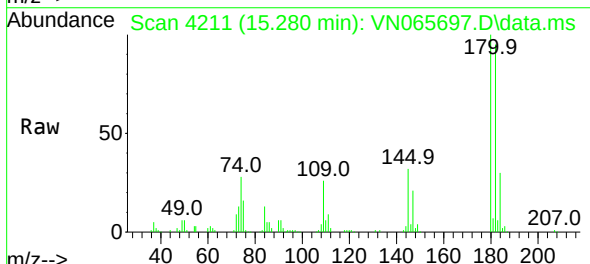
Tgt Ion:128 Resp: 327713  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.1 15.1  
129 10.7 8.6 12.8

Manual Integrations  
APPROVED

MMDadoda  
2/4/2021 10:33:13 AM



#92  
1,2,3-Trichlorobenzene  
Concen: 51.25 ug/l  
RT: 15.280 min Scan# 4211  
Delta R.T. 0.000 min  
Lab File: VN065697.D  
Acq: 3 Feb 2021 13:39



Tgt Ion:180 Resp: 103259  
Ion Ratio Lower Upper  
180 100  
182 94.3 0.0 190.4  
145 32.2 0.0 57.8

