

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122120\  
 Data File : VN065178.D  
 Acq On : 21 Dec 2020 13:53  
 Operator : JC/MD  
 Sample : VSTDICV020  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 22 05:34:59 2020  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N122120W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Dec 21 13:17:58 2020  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 7.148  | 128   | 32611    | 30.00    | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.547  | 114   | 184866   | 30.00    | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.379 | 117   | 162073   | 30.00    | ug/l   | 0.00     |
|                              |        |       |          |          |        |          |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 7.984  | 65    | 71792    | 30.34    | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 101.13%  |
| 60) 4-Bromofluorobenzene     | 12.376 | 95    | 76844    | 29.81    | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 99.37%   |
| 63) Toluene-d8               | 10.058 | 98    | 215268   | 29.95    | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 99.83%   |
|                              |        |       |          |          |        |          |
| Target Compounds             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.827  | 85    | 34871    | 20.22    | ug/l   | 97       |
| 3) Chloromethane             | 2.033  | 50    | 39604    | 19.59    | ug/l   | 100      |
| 4) Vinyl Chloride            | 2.158  | 62    | 40867    | 19.23    | ug/l   | 100      |
| 5) Bromomethane              | 2.528  | 94    | 31658    | 20.63    | ug/l   | 94       |
| 6) Chloroethane              | 2.669  | 64    | 26655    | 19.63    | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 2.981  | 101   | 60917    | 19.74    | ug/l   | 96       |
| 8) Diethyl Ether             | 3.367  | 74    | 21906    | 19.48    | ug/l   | 91       |
| 9) 1,1,2-Trichlorotrifluo... | 3.711  | 101   | 34235    | 19.98    | ug/l # | 41       |
| 10) 1,1-Dichloroethene       | 3.692  | 96    | 34402    | 19.80    | ug/l   | 84       |
| 11) Methyl Iodide            | 3.907  | 142   | 47062    | 18.27    | ug/l   | 91       |
| 12) Methyl Acetate           | 4.270  | 43    | 35342    | 19.61    | ug/l   | 96       |
| 13) Acrolein                 | 3.563  | 56    | 21890    | 89.05    | ug/l   | 94       |
| 14) Acrylonitrile            | 4.923  | 53    | 81728    | 97.09    | ug/l   | 99       |
| 15) Acetone                  | 3.769  | 58    | 24044    | 90.20    | ug/l   | 90       |
| 16) Carbon Disulfide         | 4.007  | 76    | 98954    | 19.73    | ug/l   | 98       |
| 17) Allyl chloride           | 4.270  | 41    | 59807    | 19.49    | ug/l   | 97       |
| 18) Methylene Chloride       | 4.499  | 84    | 38803    | 19.50    | ug/l   | 93       |
| 19) trans-1,2-Dichloroethene | 4.987  | 96    | 37696    | 19.76    | ug/l   | 89       |
| 20) Diisopropyl ether        | 5.897  | 45    | 119739   | 19.47    | ug/l   | 97       |
| 21) 1,1-Dichloroethane       | 5.794  | 63    | 67360    | 19.51    | ug/l   | 96       |
| 22) cis-1,2-Dichloroethene   | 6.778  | 96    | 42966    | 19.59    | ug/l   | 87       |
| 23) tert-Butyl Alcohol       | 4.724  | 59    | 35122    | 98.35    | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 4.984  | 73    | 117900   | 19.44    | ug/l # | 75       |
| 25) Chloroform               | 7.325  | 83    | 68787    | 19.31    | ug/l   | 97       |
| 26) Cyclohexane              | 7.608  | 56    | 59407    | 19.47    | ug/l # | 94       |
| 29) 1,1-Dichloropropene      | 7.746  | 75    | 52270    | 19.14    | ug/l   | 97       |
| 30) 2-Butanone               | 6.778  | 43    | 114762   | 92.16    | ug/l # | 76       |
| 31) 2,2-Dichloropropane      | 6.772  | 77    | 63664    | 19.02    | ug/l # | 84       |
| 32) 1,1,1-Trichloroethane    | 7.524  | 97    | 62495    | 19.00    | ug/l   | 96       |
| 33) Carbon Tetrachloride     | 7.730  | 117   | 55414    | 19.15    | ug/l   | 97       |
| 34) Benzene                  | 7.997  | 78    | 151452   | 18.82    | ug/l   | 97       |
| 35) Methacrylonitrile        | 7.119  | 41    | 21543    | 18.74    | ug/l   | 98       |
| 36) 1,2-Dichloroethane       | 8.081  | 62    | 55967    | 18.78    | ug/l # | 92       |
| 37) Trichloroethene          | 8.798  | 130   | 44175    | 19.17    | ug/l   | 92       |
| 38) Methylcyclohexane        | 9.045  | 83    | 65047    | 19.41    | ug/l   | 93       |
| 39) 1,2-Dichloropropane      | 9.081  | 63    | 39535    | 18.81    | ug/l   | 99       |
| 40) Dibromomethane           | 9.174  | 93    | 26193    | 18.49    | ug/l   | 80       |
| 41) Bromodichloromethane     | 9.367  | 83    | 56870    | 18.87    | ug/l   | 99       |
| 42) Vinyl Acetate            | 5.836  | 43    | 514751   | 95.46    | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122120\  
 Data File : VN065178.D  
 Acq On : 21 Dec 2020 13:53  
 Operator : JC/MD  
 Sample : VSTDICV020  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

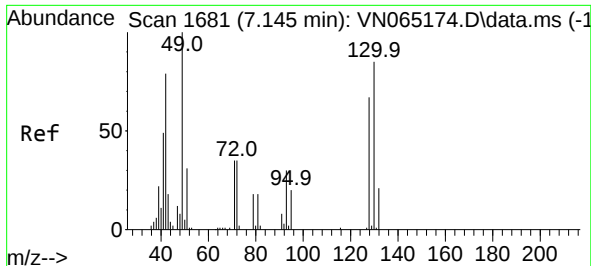
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N122120W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Dec 21 13:17:58 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 43) Ethyl Acetate             | 6.875  | 43   | 47850    | 19.57  | ug/l   | 100      |
| 44) Isopropyl Acetate         | 8.122  | 43   | 86751    | 18.82  | ug/l # | 91       |
| 45) 1,4-Dioxane               | 9.161  | 88   | 13373    | 383.92 | ug/l   | 98       |
| 46) Methyl methacrylate       | 9.164  | 41   | 40221    | 18.38  | ug/l   | 92       |
| 47) n-amyl Acetate            | 12.042 | 43   | 70541    | 18.23  | ug/l   | 96       |
| 48) t-1,3-Dichloropropene     | 10.351 | 75   | 63918    | 18.87  | ug/l   | 99       |
| 49) cis-1,3-Dichloropropene   | 9.807  | 75   | 67496    | 18.86  | ug/l   | 95       |
| 50) 1,1,2-Trichloroethane     | 10.531 | 97   | 37441    | 18.77  | ug/l   | 97       |
| 51) Ethyl methacrylate        | 10.399 | 69   | 59945    | 19.23  | ug/l   | 93       |
| 52) 1,3-Dichloropropane       | 10.675 | 76   | 62756    | 18.86  | ug/l   | 99       |
| 53) Dibromochloromethane      | 10.871 | 129  | 44811    | 18.81  | ug/l   | 98       |
| 54) 1,2-Dibromoethane         | 10.978 | 107  | 39627    | 18.56  | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether | 9.659  | 63   | 124554   | 80.74  | ug/l   | 96       |
| 56) Bromoform                 | 12.100 | 173  | 34291    | 18.59  | ug/l # | 96       |
| 58) 4-Methyl-2-Pentanone      | 9.949  | 43   | 239626   | 96.75  | ug/l # | 96       |
| 59) 2-Hexanone                | 10.720 | 43   | 173344   | 94.99  | ug/l   | 93       |
| 61) Tetrachloroethene         | 10.601 | 164  | 48038    | 19.75  | ug/l   | 90       |
| 62) Toluene                   | 10.122 | 91   | 167289   | 19.42  | ug/l   | 99       |
| 64) Chlorobenzene             | 11.405 | 112  | 102350   | 19.26  | ug/l   | 98       |
| 65) 1,1,1,2-Tetrachloroethane | 11.479 | 131  | 40924    | 19.47  | ug/l   | 99       |
| 66) Ethyl Benzene             | 11.482 | 91   | 184567   | 19.20  | ug/l   | 96       |
| 67) m/p-Xylenes               | 11.595 | 106  | 140249   | 38.64  | ug/l   | 95       |
| 68) o-Xylene                  | 11.920 | 106  | 68930    | 19.66  | ug/l   | 96       |
| 69) Styrene                   | 11.936 | 104  | 112524   | 19.11  | ug/l   | 97       |
| 70) Isopropylbenzene          | 12.222 | 105  | 181095   | 19.36  | ug/l   | 98       |
| 71) 1,1,2,2-Tetrachloroethane | 12.479 | 83   | 48377    | 19.09  | ug/l   | 97       |
| 72) 1,2,3-Trichloropropane    | 12.527 | 75   | 69220    | 26.83  | ug/l   | 59       |
| 73) Bromobenzene              | 12.498 | 156  | 46385    | 19.02  | ug/l   | 80       |
| 74) n-propylbenzene           | 12.566 | 91   | 203686   | 19.17  | ug/l   | 96       |
| 75) 2-Chlorotoluene           | 12.646 | 91   | 120731   | 19.20  | ug/l   | 92       |
| 76) 1,3,5-Trimethylbenzene    | 12.707 | 105  | 154877   | 19.40  | ug/l   | 95       |
| 77) t-1,4-Dichloro-2-butene   | 12.273 | 75   | 18954    | 18.70  | ug/l   | 93       |
| 78) 4-Chlorotoluene           | 12.746 | 91   | 121016   | 18.99  | ug/l   | 93       |
| 79) tert-butylbenzene         | 12.968 | 119  | 130584   | 19.18  | ug/l   | 93       |
| 80) 1,2,4-Trimethylbenzene    | 13.013 | 105  | 153276   | 19.41  | ug/l   | 98       |
| 81) sec-Butylbenzene          | 13.145 | 105  | 172207   | 19.27  | ug/l   | 97       |
| 82) p-Isopropyltoluene        | 13.264 | 119  | 158972   | 19.27  | ug/l   | 97       |
| 83) 1,3-Dichlorobenzene       | 13.257 | 146  | 77709    | 19.23  | ug/l   | 95       |
| 84) 1,4-Dichlorobenzene       | 13.338 | 146  | 73995    | 18.38  | ug/l   | 93       |
| 85) n-Butylbenzene            | 13.588 | 91   | 134081   | 18.98  | ug/l   | 96       |
| 86) Hexachloroethane          | 13.846 | 117  | 28395    | 18.96  | ug/l   | 70       |
| 87) 1,2-Dichlorobenzene       | 13.627 | 146  | 75961    | 19.40  | ug/l   | 94       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.241 | 75   | 9965     | 18.81  | ug/l # | 75       |
| 89) 1,2,4-Trichlorobenzene    | 14.881 | 180  | 37439    | 17.82  | ug/l   | 95       |
| 90) Hexachlorobutadiene       | 14.981 | 225  | 27030    | 19.43  | ug/l   | 97       |
| 91) Naphthalene               | 15.103 | 128  | 100341   | 17.86  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 15.283 | 180  | 35535    | 18.01  | ug/l   | 96       |

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

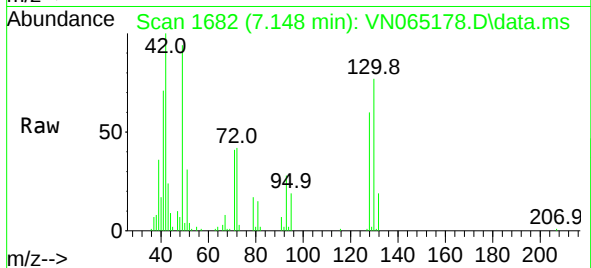
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N122120W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Mon Dec 21 13:17:58 2020  
Response via : Initial Calibration



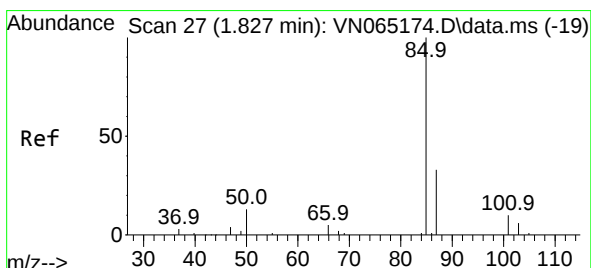
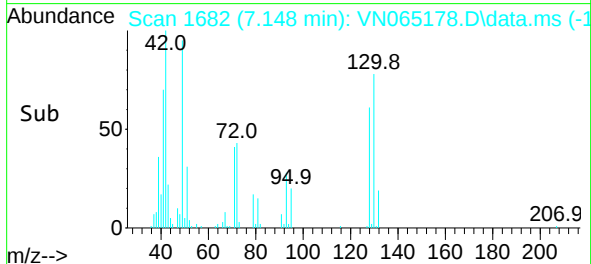
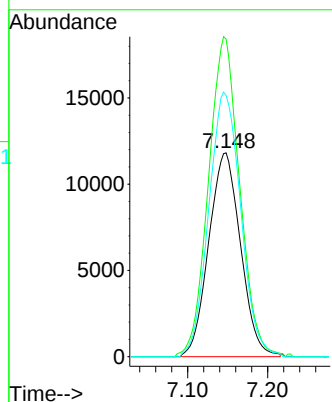


#1  
Bromochloromethane  
Concen: 30.00 ug/l  
RT: 7.148 min Scan# 1682  
Delta R.T. 0.003 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Instrument :  
MSVOA\_N  
ClientSampled :

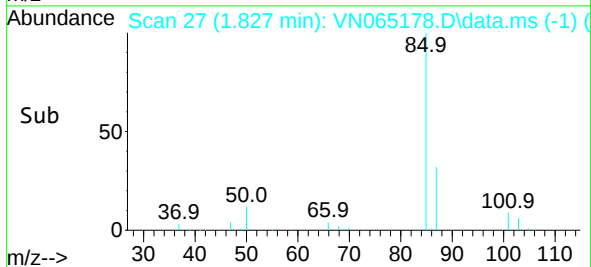
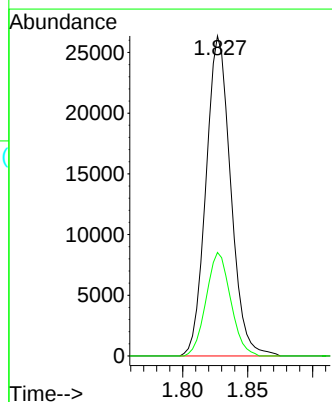
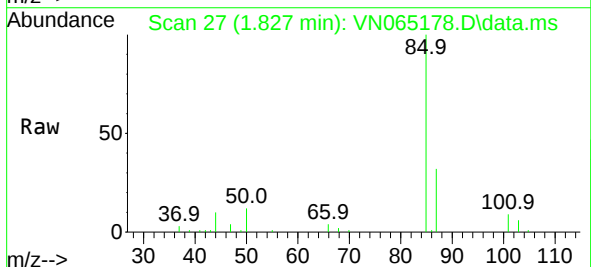


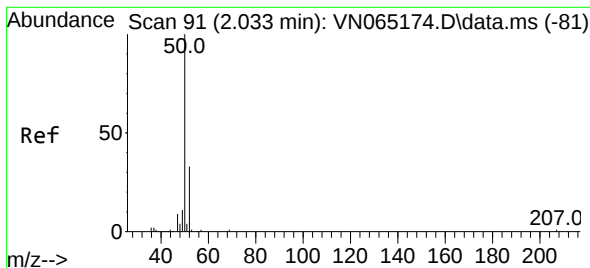
Tgt Ion:128 Resp: 32611  
Ion Ratio Lower Upper  
128 100  
49 153.7 0.0 475.5  
130 130.7 0.0 315.3



#2  
Dichlorodifluoromethane  
Concen: 20.22 ug/l  
RT: 1.827 min Scan# 27  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 85 Resp: 34871  
Ion Ratio Lower Upper  
85 100  
87 32.3 17.0 50.9





#3

Chloromethane

Concen: 19.59 ug/l

RT: 2.033 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN065178.D

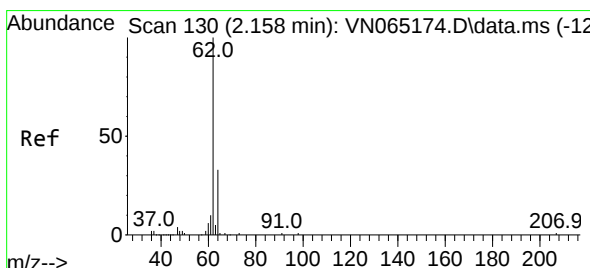
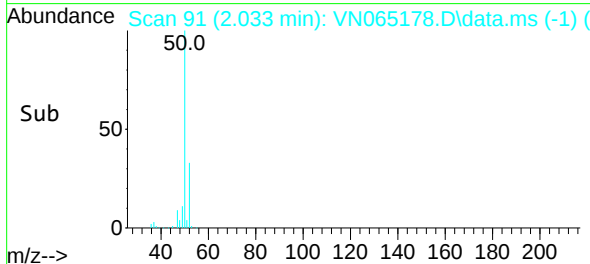
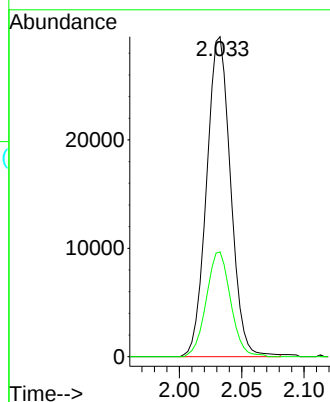
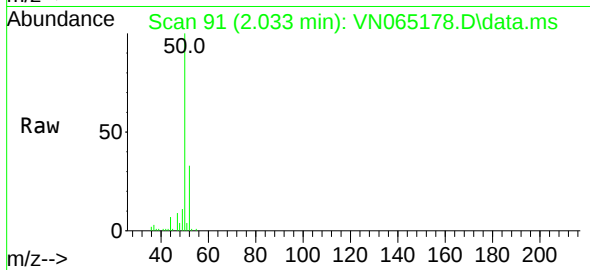
Acq: 21 Dec 2020 13:53

Tgt Ion: 50 Resp: 39604

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 19.23 ug/l

RT: 2.158 min Scan# 130

Delta R.T. -0.000 min

Lab File: VN065178.D

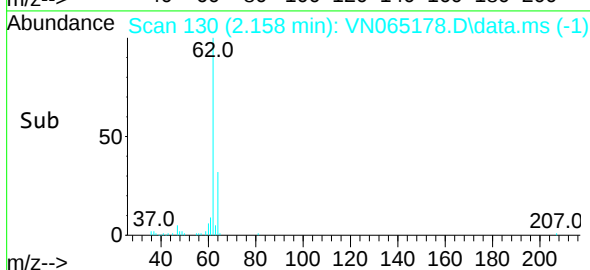
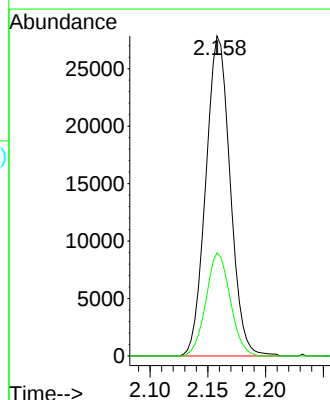
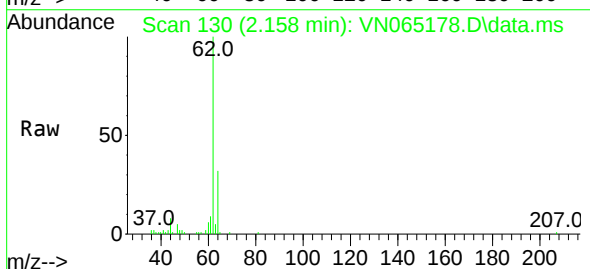
Acq: 21 Dec 2020 13:53

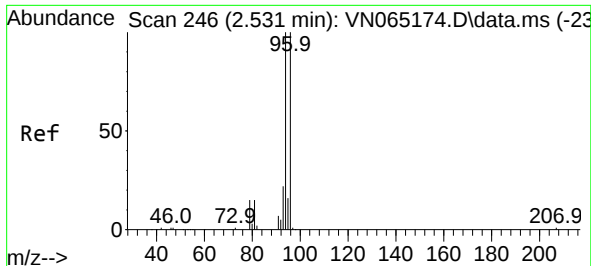
Tgt Ion: 62 Resp: 40867

Ion Ratio Lower Upper

62 100

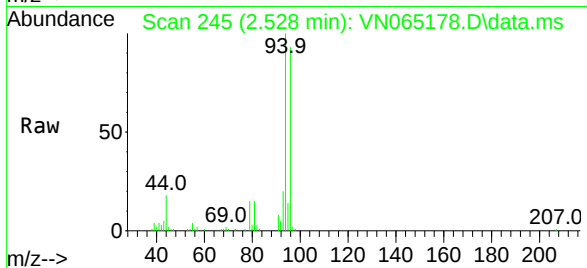
64 32.3 25.8 38.8



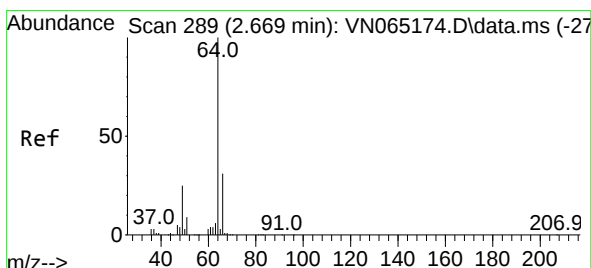
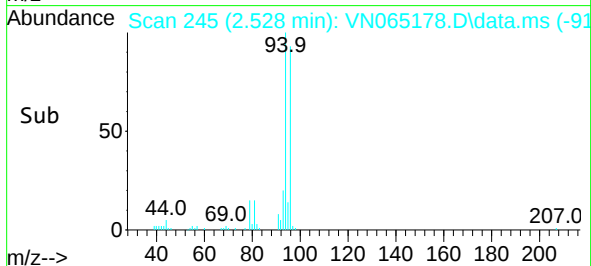
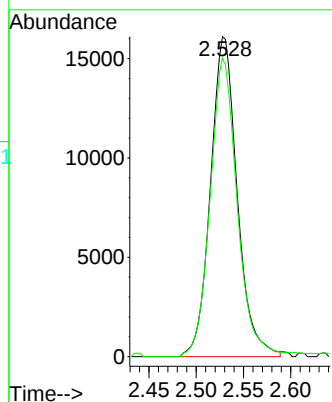


#5  
Bromomethane  
Concen: 20.63 ug/l  
RT: 2.528 min Scan# 245  
Delta R.T. -0.003 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Instrument :  
MSVOA\_N  
ClientSampled :

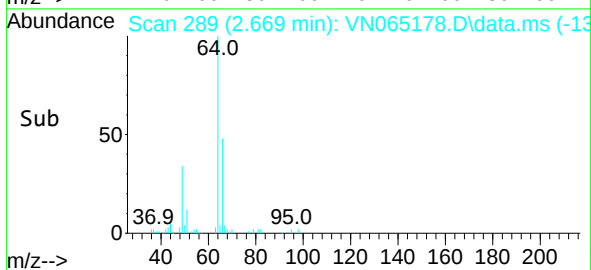
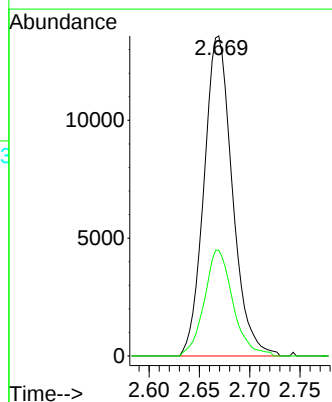
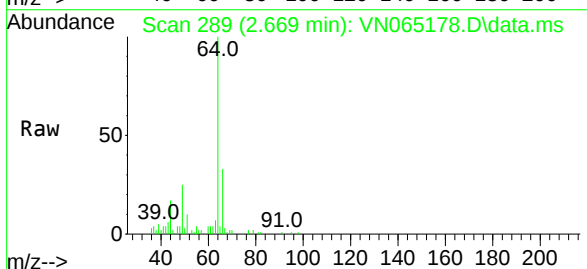


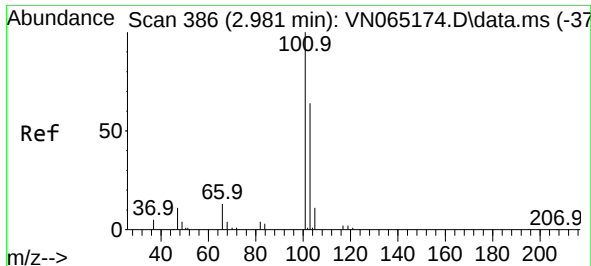
Tgt Ion: 94 Resp: 31658  
Ion Ratio Lower Upper  
94 100  
96 93.4 79.3 118.9



#6  
Chloroethane  
Concen: 19.63 ug/l  
RT: 2.669 min Scan# 289  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

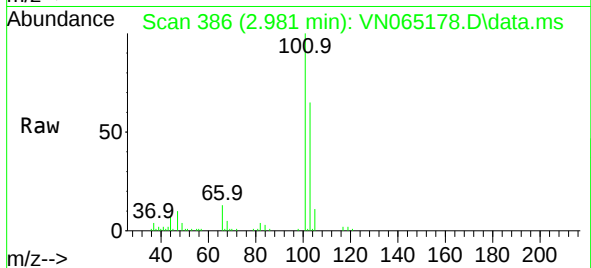
Tgt Ion: 64 Resp: 26655  
Ion Ratio Lower Upper  
64 100  
66 33.0 26.0 39.0



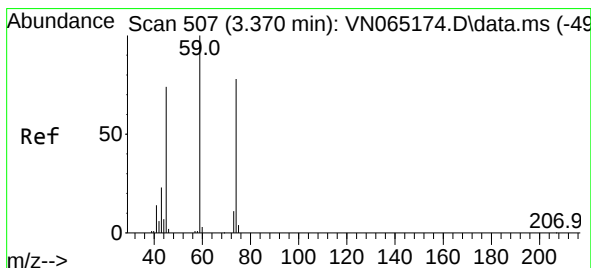
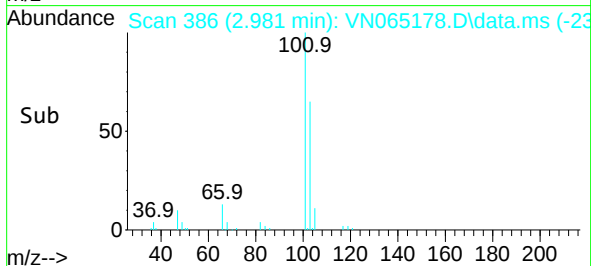
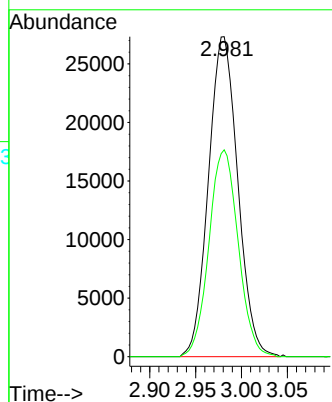


#7  
Trichlorofluoromethane  
Concen: 19.74 ug/l  
RT: 2.981 min Scan# 386  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Instrument :  
MSVOA\_N  
ClientSampled :

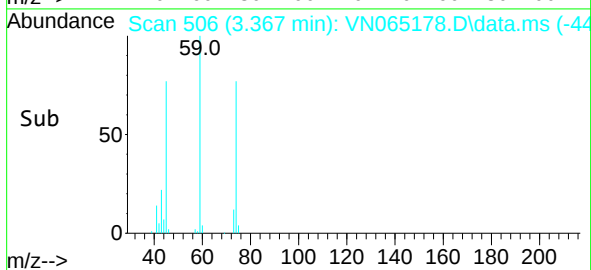
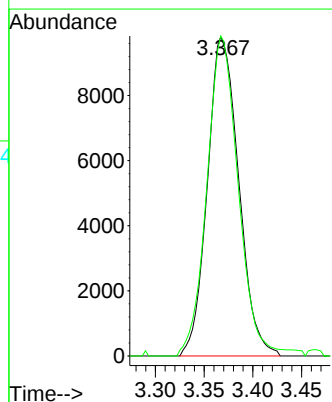
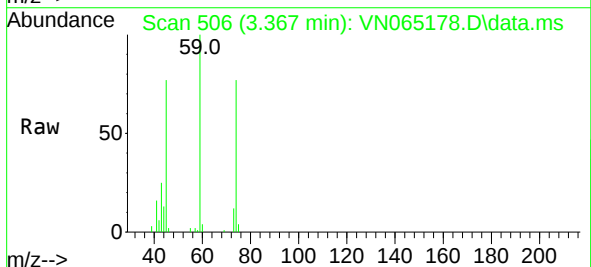


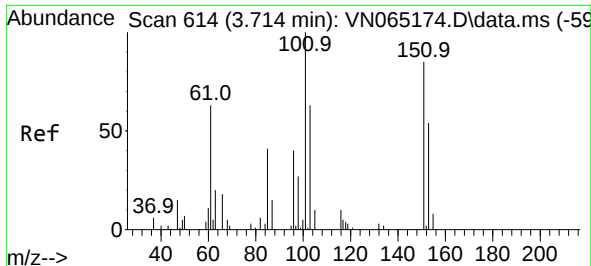
Tgt Ion:101 Resp: 60917  
Ion Ratio Lower Upper  
101 100  
103 64.6 49.3 73.9



#8  
Diethyl Ether  
Concen: 19.48 ug/l  
RT: 3.367 min Scan# 506  
Delta R.T. -0.003 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 74 Resp: 21906  
Ion Ratio Lower Upper  
74 100  
45 100.9 22.1 198.5

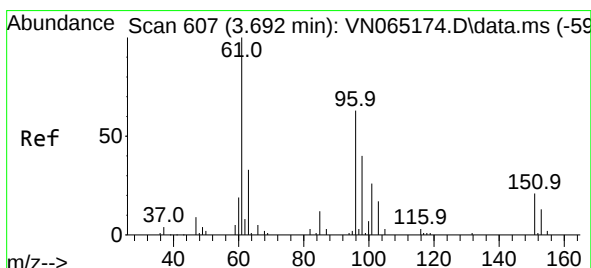
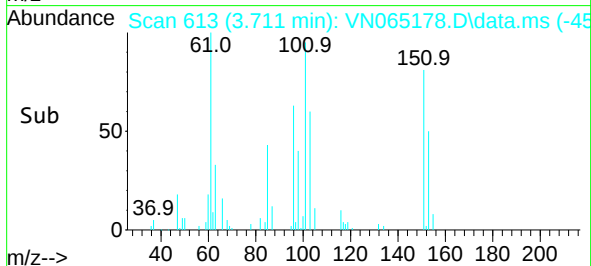
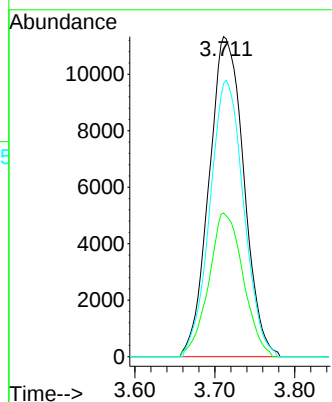
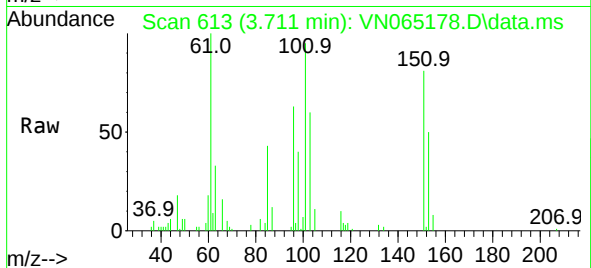




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.98 ug/l  
RT: 3.711 min Scan# 613  
Delta R.T. -0.003 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

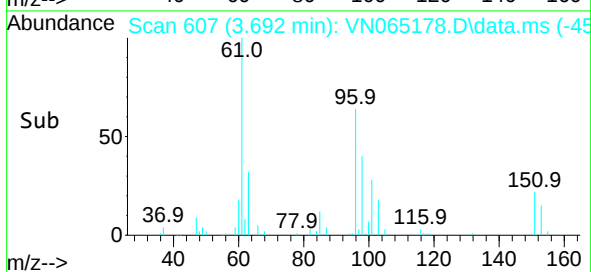
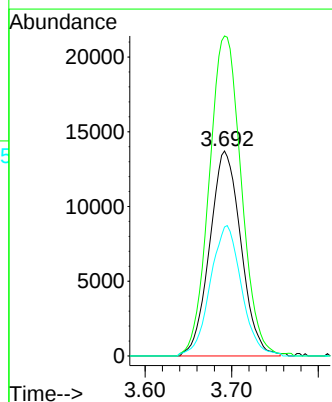
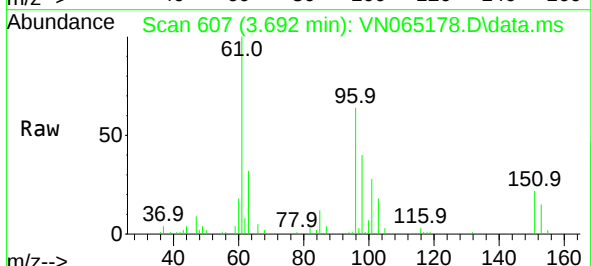
Instrument :  
MSVOA\_N  
ClientSampleId :

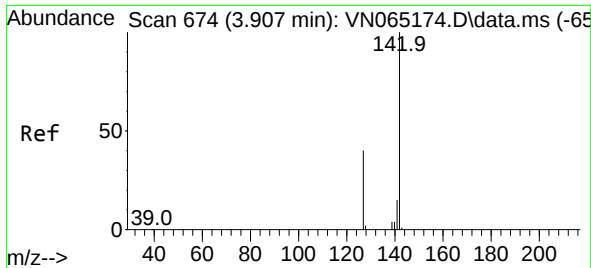
Tgt Ion:101 Resp: 34235  
Ion Ratio Lower Upper  
101 100  
85 44.4 0.0 49.0  
151 83.7 0.0 80.2#



#10  
1,1-Dichloroethene  
Concen: 19.80 ug/l  
RT: 3.692 min Scan# 607  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

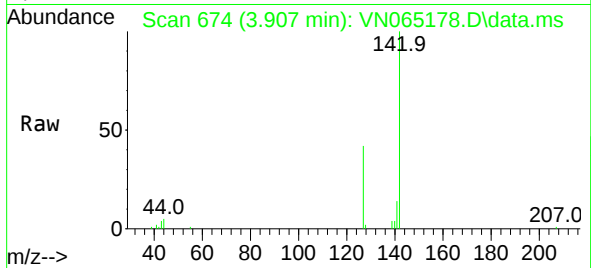
Tgt Ion: 96 Resp: 34402  
Ion Ratio Lower Upper  
96 100  
61 154.9 149.2 223.8  
98 61.8 49.6 74.4



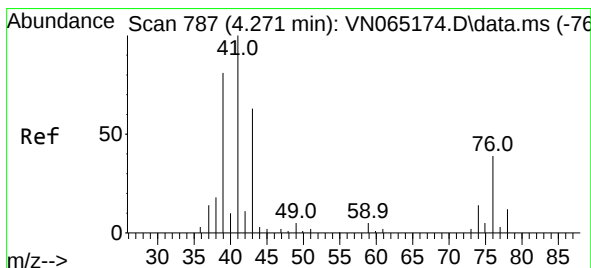
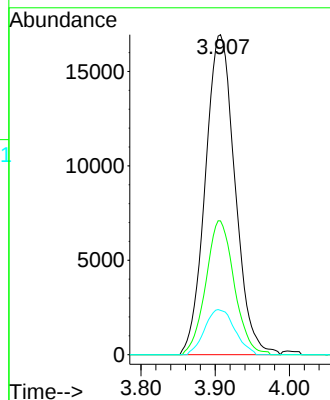
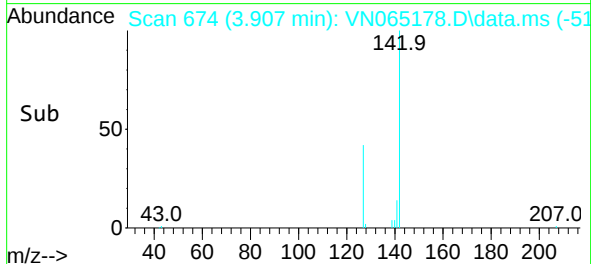


#11  
Methyl Iodide  
Concen: 18.27 ug/l  
RT: 3.907 min Scan# 674  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

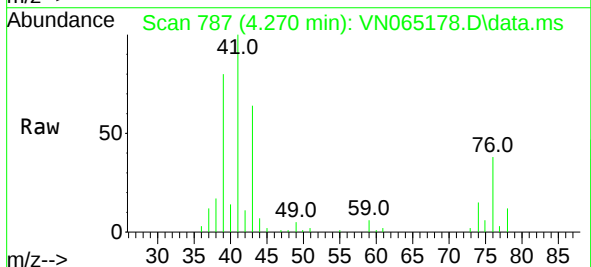
Instrument :  
MSVOA\_N  
ClientSampleId :



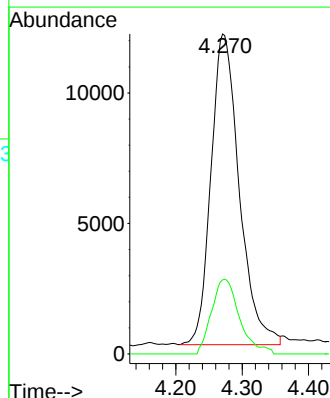
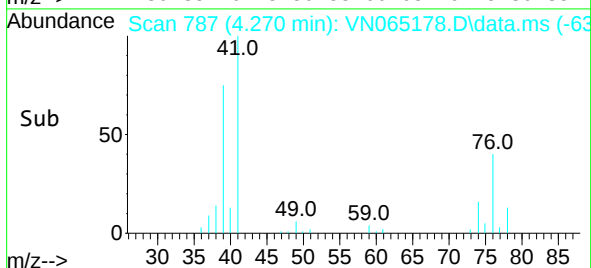
Tgt Ion:142 Resp: 47062  
Ion Ratio Lower Upper  
142 100  
127 41.8 24.7 74.1  
141 13.9 7.8 23.3

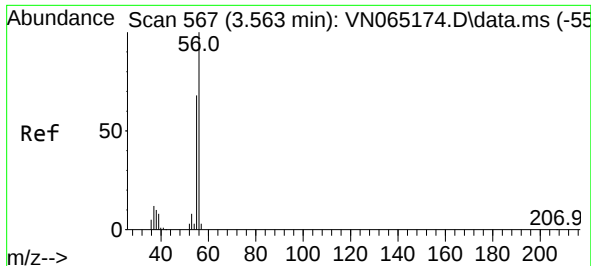


#12  
Methyl Acetate  
Concen: 19.61 ug/l  
RT: 4.270 min Scan# 787  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53



Tgt Ion: 43 Resp: 35342  
Ion Ratio Lower Upper  
43 100  
74 24.1 17.7 26.5

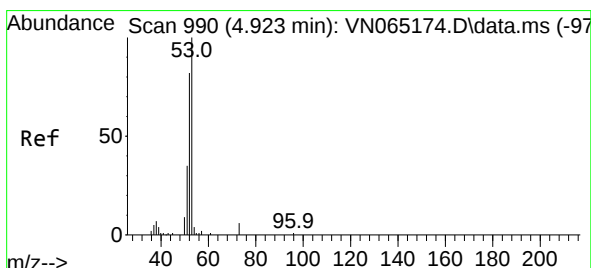
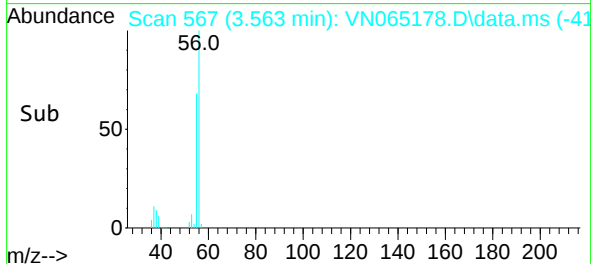
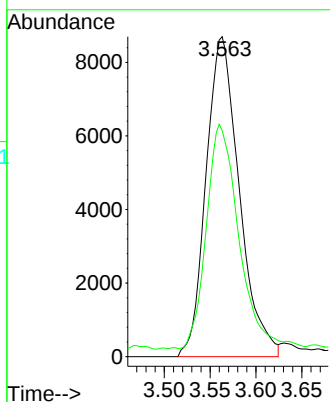
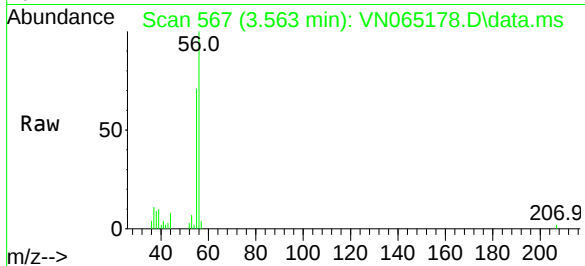




#13  
Acrolein  
Concen: 89.05 ug/l  
RT: 3.563 min Scan# 567  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

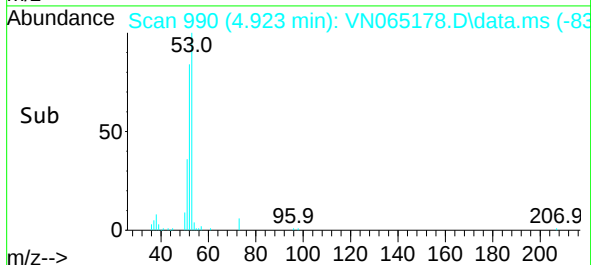
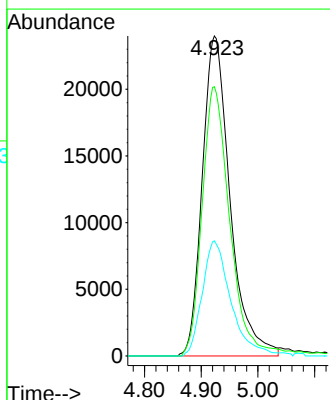
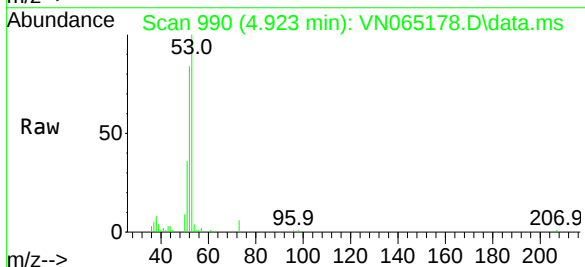
Instrument :  
MSVOA\_N  
ClientSampled :

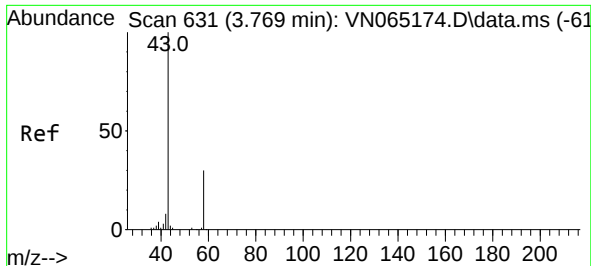
Tgt Ion: 56 Resp: 21890  
Ion Ratio Lower Upper  
56 100  
55 67.7 58.2 87.2



#14  
Acrylonitrile  
Concen: 97.09 ug/l  
RT: 4.923 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

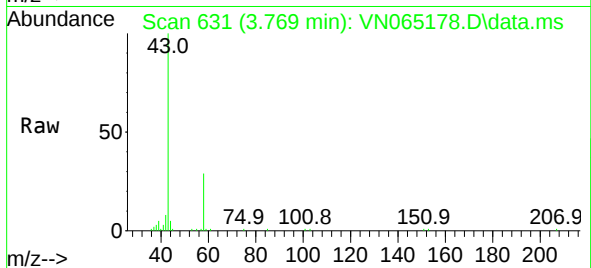
Tgt Ion: 53 Resp: 81728  
Ion Ratio Lower Upper  
53 100  
52 83.5 41.3 124.1  
51 37.0 18.9 56.5



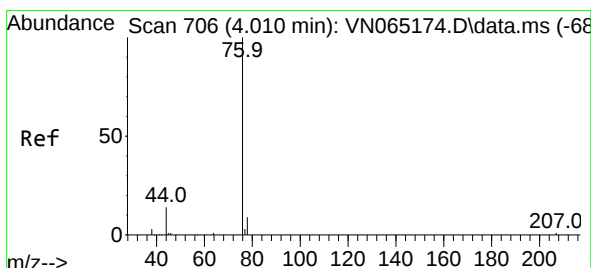
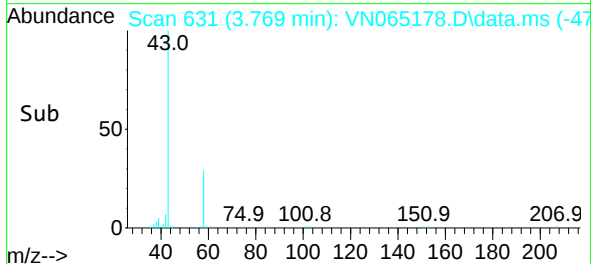
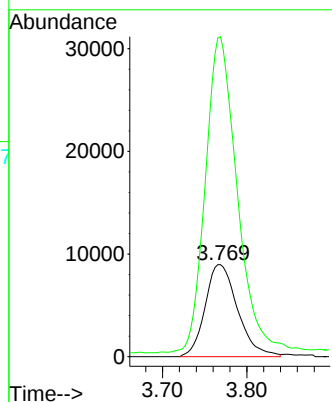


#15  
Acetone  
Concen: 90.20 ug/l  
RT: 3.769 min Scan# 631  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

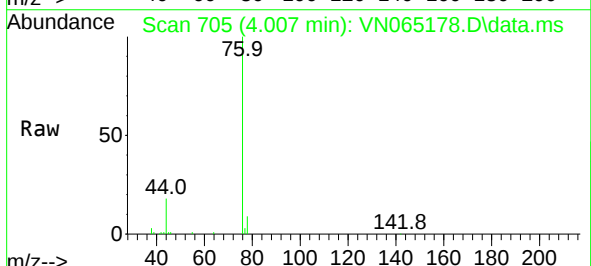
Instrument :  
MSVOA\_N  
ClientSampleId :



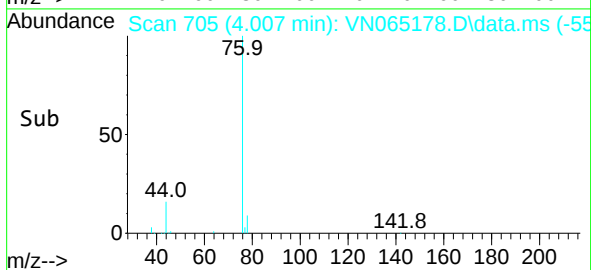
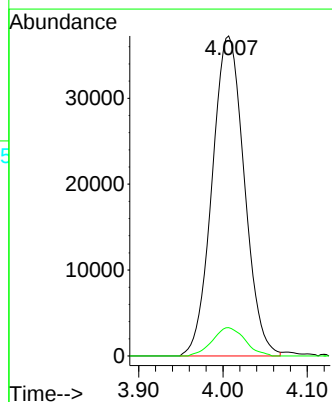
Tgt Ion: 58 Resp: 24044  
Ion Ratio Lower Upper  
58 100  
43 340.1 289.8 434.8

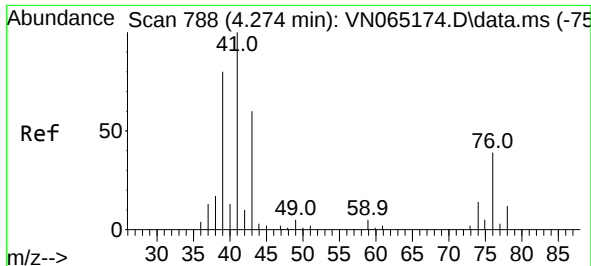


#16  
Carbon Disulfide  
Concen: 19.73 ug/l  
RT: 4.007 min Scan# 705  
Delta R.T. -0.003 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53



Tgt Ion: 76 Resp: 98954  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.6 11.4





#17

Allyl chloride

Concen: 19.49 ug/l

RT: 4.270 min Scan# 787

Delta R.T. -0.003 min

Lab File: VN065178.D

Acq: 21 Dec 2020 13:53

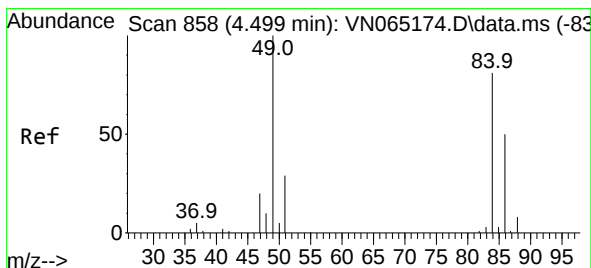
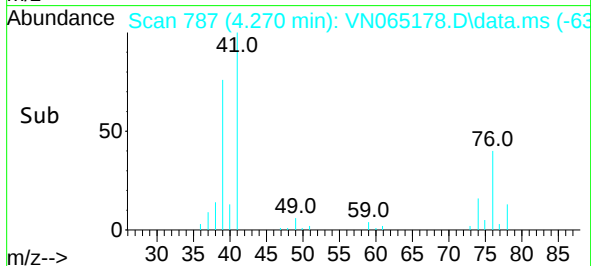
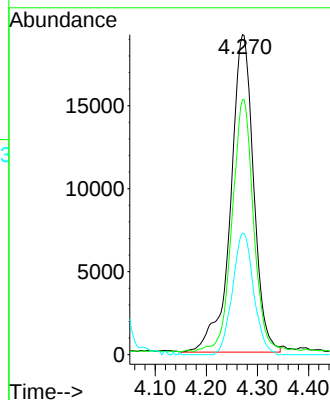
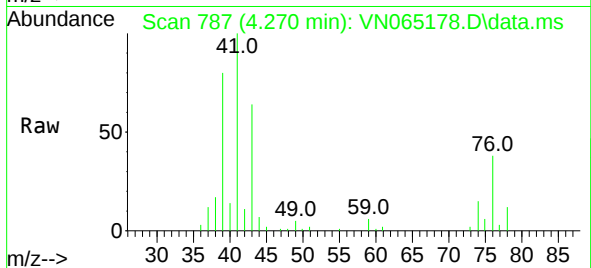
Tgt Ion: 41 Resp: 59807

Ion Ratio Lower Upper

41 100

39 79.4 40.3 120.8

76 38.2 16.8 50.3



#18

Methylene Chloride

Concen: 19.50 ug/l

RT: 4.499 min Scan# 858

Delta R.T. -0.000 min

Lab File: VN065178.D

Acq: 21 Dec 2020 13:53

Tgt Ion: 84 Resp: 38803

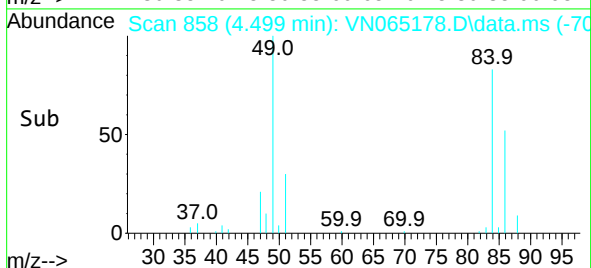
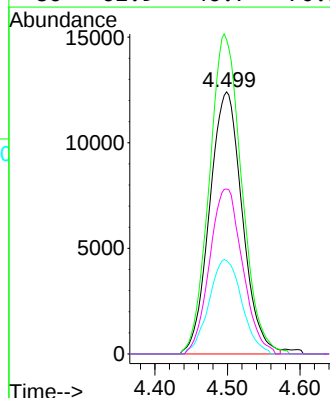
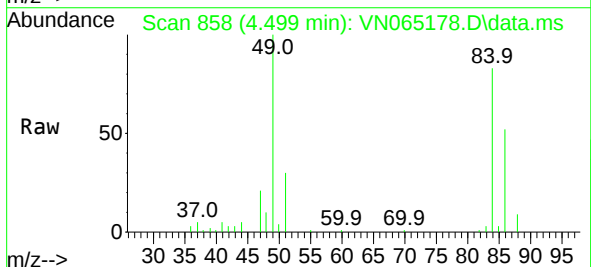
Ion Ratio Lower Upper

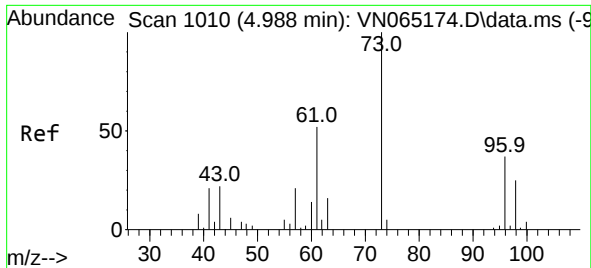
84 100

49 120.0 102.1 153.1

51 35.6 32.6 48.8

86 62.9 46.7 70.1

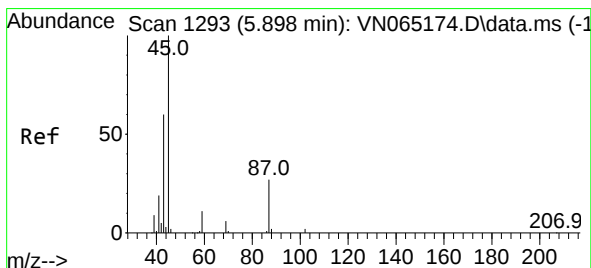
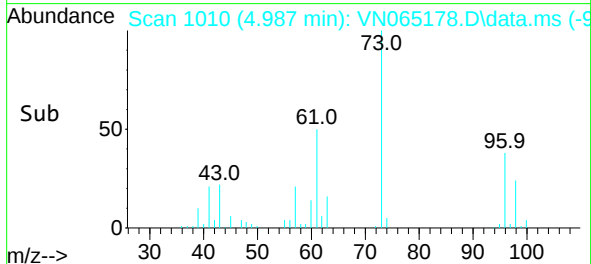
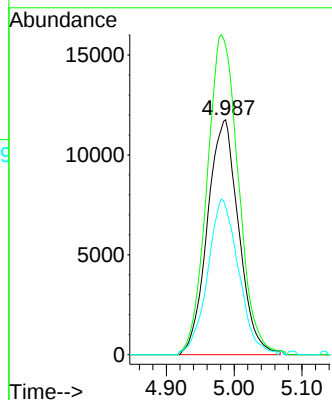
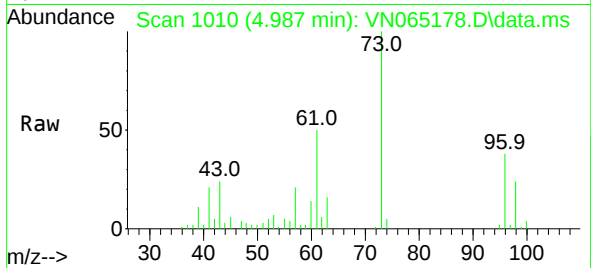




#19  
trans-1,2-Dichloroethene  
Concen: 19.76 ug/l  
RT: 4.987 min Scan# 1010  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

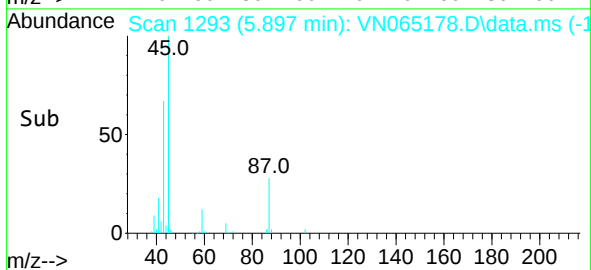
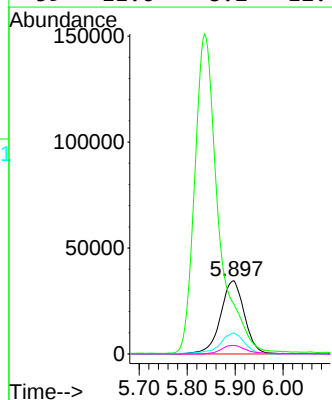
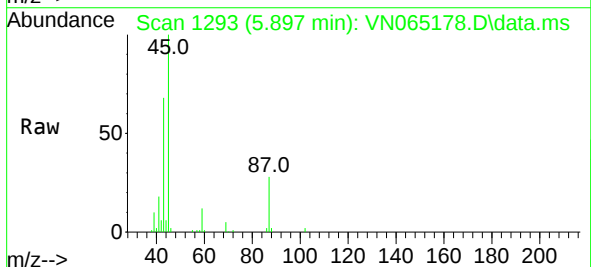
Instrument :  
MSVOA\_N  
ClientSampleId :

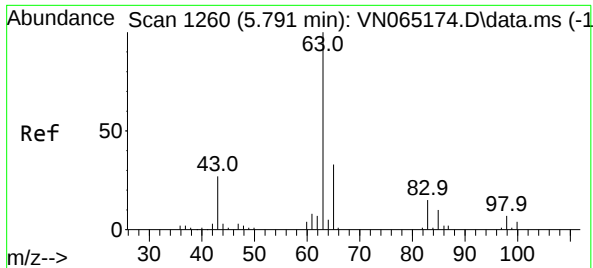
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 37696 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 130.2 | 120.1 | 180.1 |
| 98       | 61.5  | 49.1  | 73.7  |



#20  
Diisopropyl ether  
Concen: 19.47 ug/l  
RT: 5.897 min Scan# 1293  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 119739 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 64.7  | 53.1  | 79.7   |
| 87       | 28.4  | 21.0  | 31.6   |
| 59       | 11.6  | 8.2   | 12.4   |

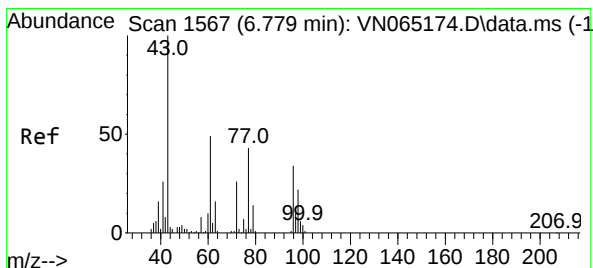
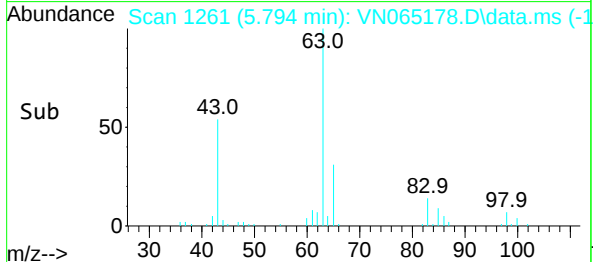
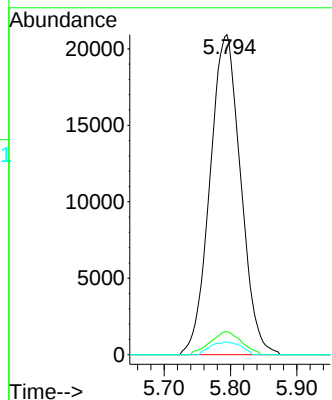
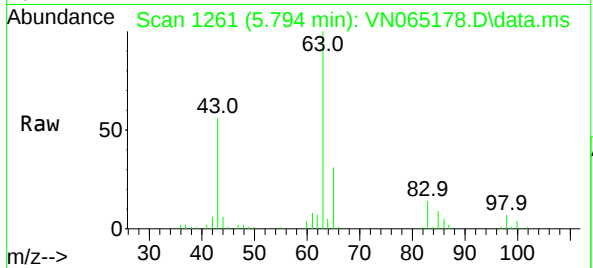




#21  
1,1-Dichloroethane  
Concen: 19.51 ug/l  
RT: 5.794 min Scan# 1261  
Delta R.T. 0.003 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

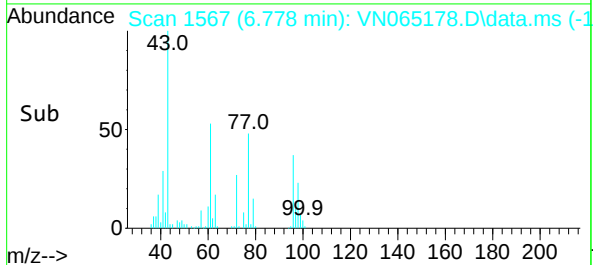
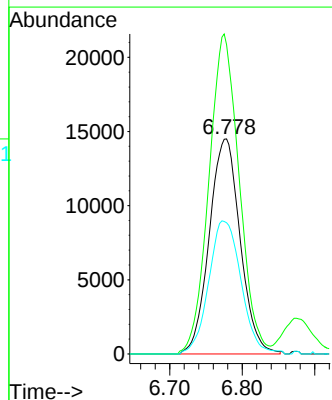
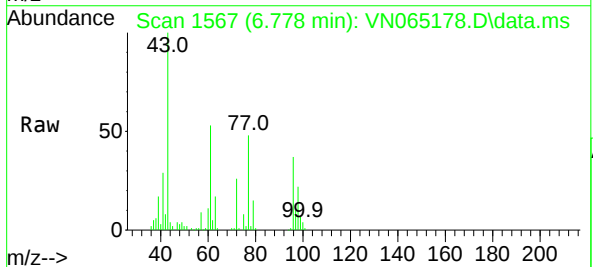
Instrument :  
MSVOA\_N  
ClientSampled :

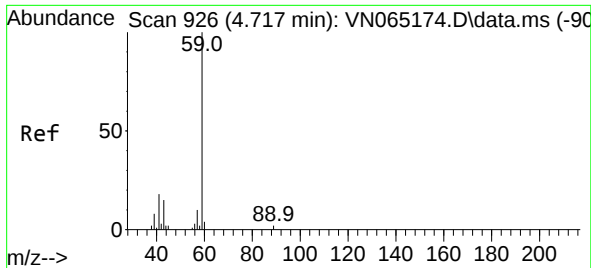
Tgt Ion: 63 Resp: 67360  
Ion Ratio Lower Upper  
63 100  
98 7.1 2.6 8.0  
100 3.9 1.7 5.1



#22  
cis-1,2-Dichloroethene  
Concen: 19.59 ug/l  
RT: 6.778 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

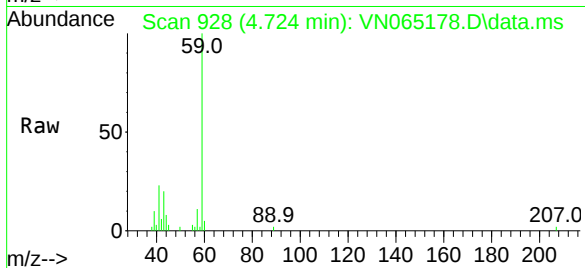
Tgt Ion: 96 Resp: 42966  
Ion Ratio Lower Upper  
96 100  
61 145.5 136.1 204.1  
98 64.7 51.8 77.8



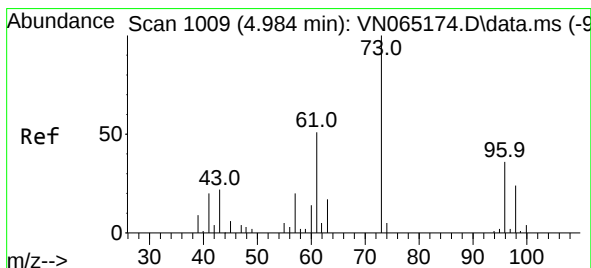
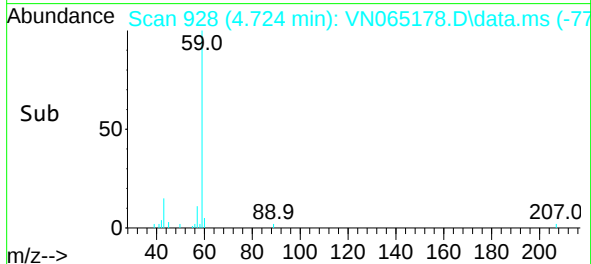
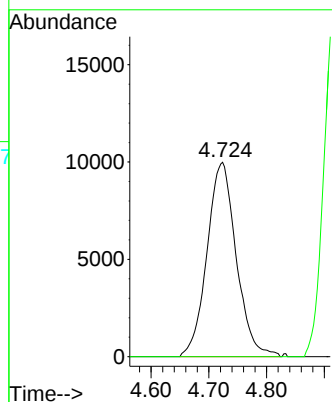


#23  
tert-Butyl Alcohol  
Concen: 98.35 ug/l  
RT: 4.724 min Scan# 928  
Delta R.T. 0.006 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Instrument :  
MSVOA\_N  
ClientSampled :

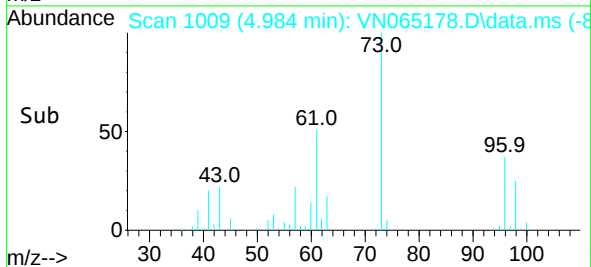
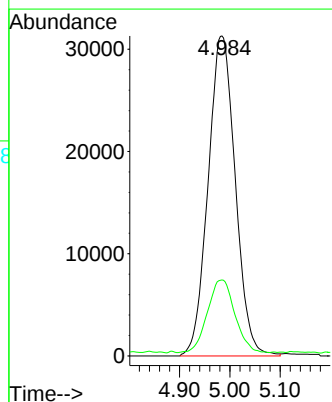
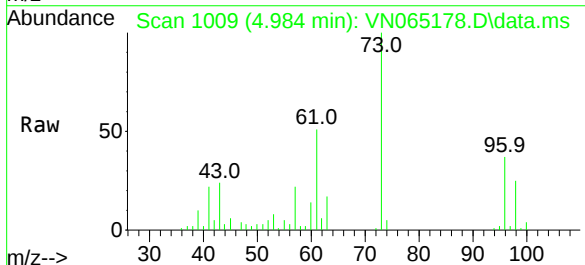


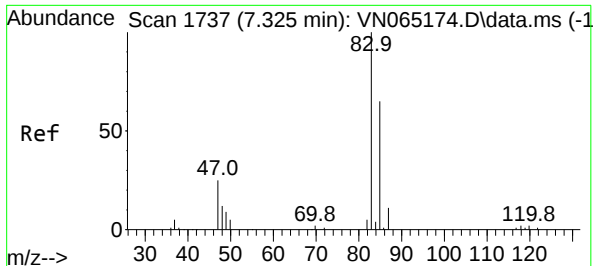
Tgt Ion: 59 Resp: 35122  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0



#24  
Methyl tert-Butyl Ether  
Concen: 19.44 ug/l  
RT: 4.984 min Scan# 1009  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 73 Resp: 117900  
Ion Ratio Lower Upper  
73 100  
43 22.7 10.2 15.2#



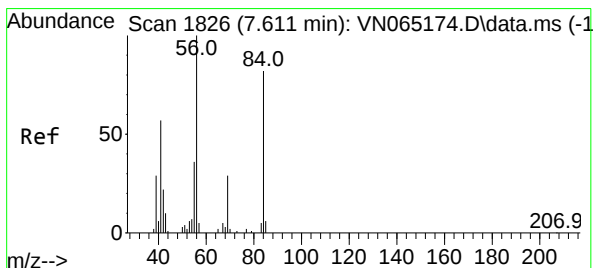
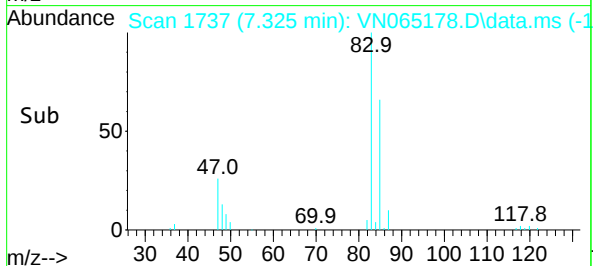
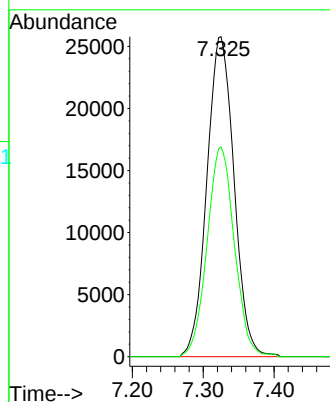
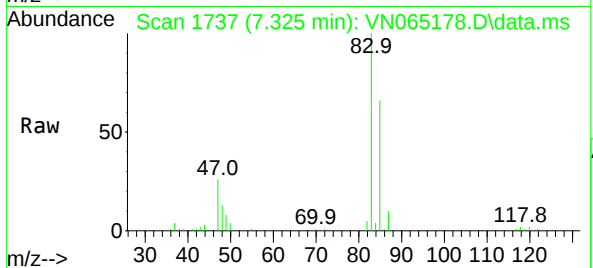


#25

Chloroform  
Concen: 19.31 ug/l  
RT: 7.325 min Scan# 1737  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Instrument :  
MSVOA\_N  
ClientSampled :

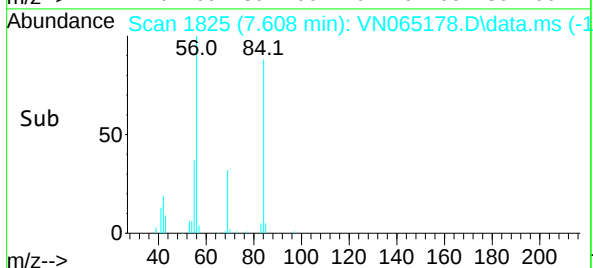
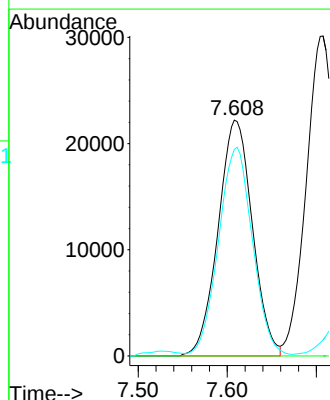
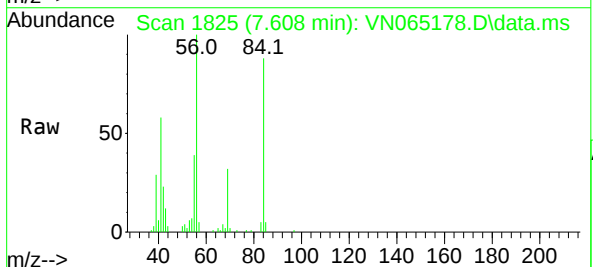
Tgt Ion: 83 Resp: 68787  
Ion Ratio Lower Upper  
83 100  
85 65.6 50.6 75.8

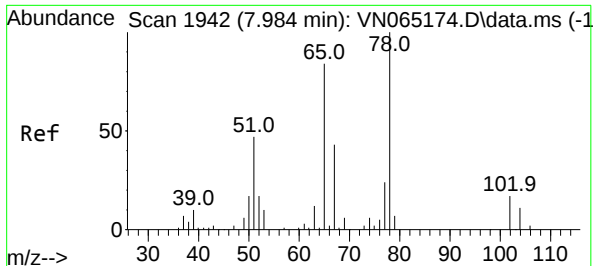


#26

Cyclohexane  
Concen: 19.47 ug/l  
RT: 7.608 min Scan# 1825  
Delta R.T. -0.003 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 56 Resp: 59407  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.6 0.8#  
84 88.1 66.1 99.1



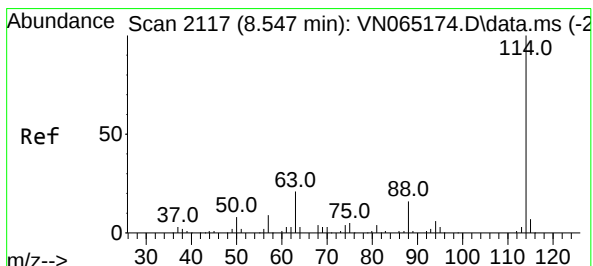
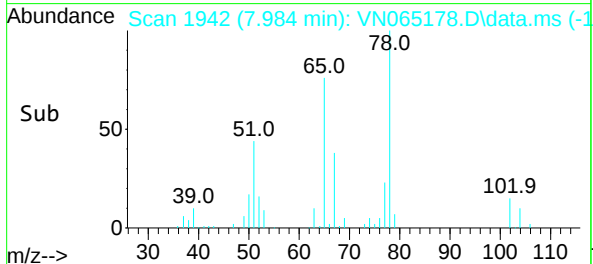
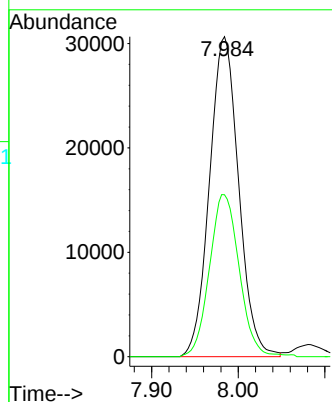
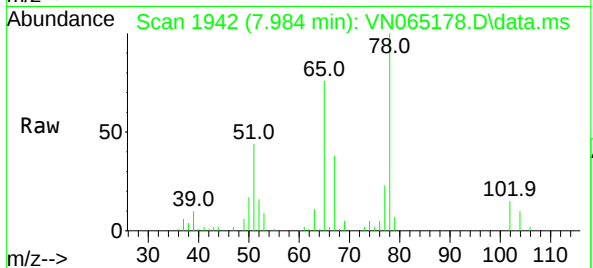


#27

1,2-Dichloroethane-d4  
Concen: 30.34 ug/l  
RT: 7.984 min Scan# 1942  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Instrument :  
MSVOA\_N  
ClientSampled :

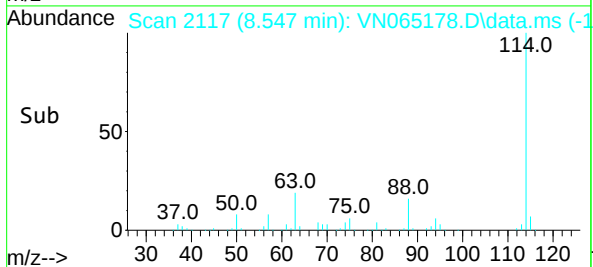
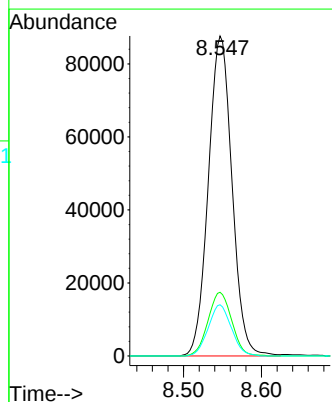
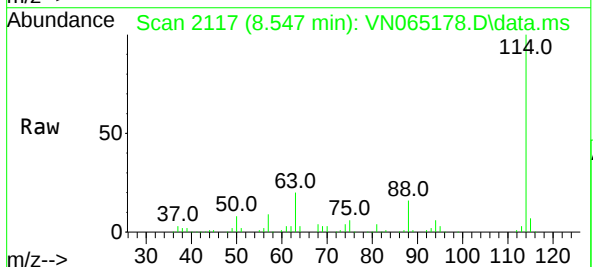
Tgt Ion: 65 Resp: 71792  
Ion Ratio Lower Upper  
65 100  
67 51.6 41.1 61.7

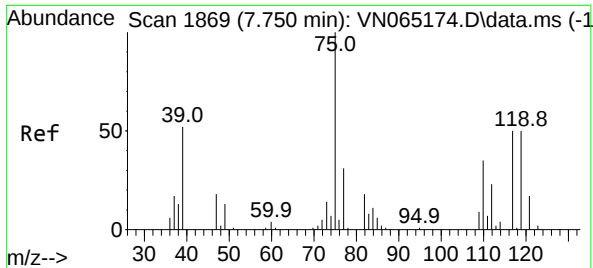


#28

1,4-Difluorobenzene  
Concen: 30.00 ug/l  
RT: 8.547 min Scan# 2117  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 114 Resp: 184866  
Ion Ratio Lower Upper  
114 100  
63 19.9 18.5 27.7  
88 15.7 13.0 19.6

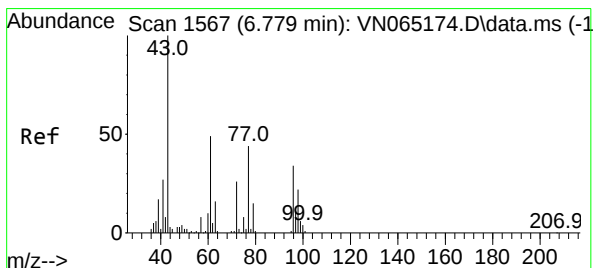
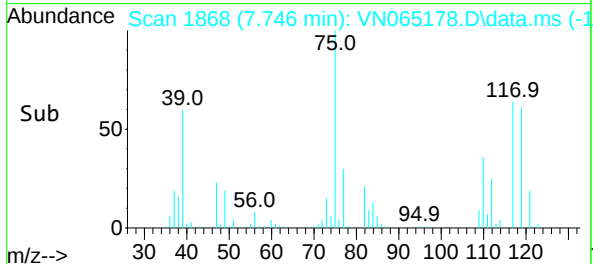
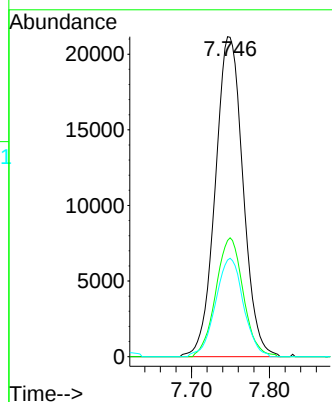
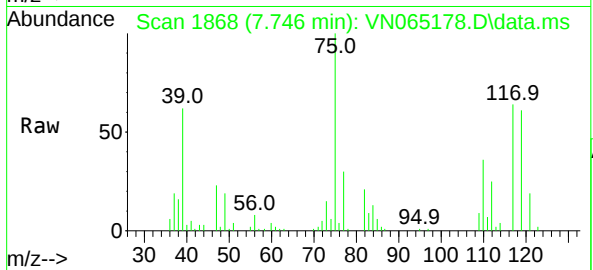




#29  
1,1-Dichloropropene  
Concen: 19.14 ug/l  
RT: 7.746 min Scan# 1868  
Delta R.T. -0.003 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

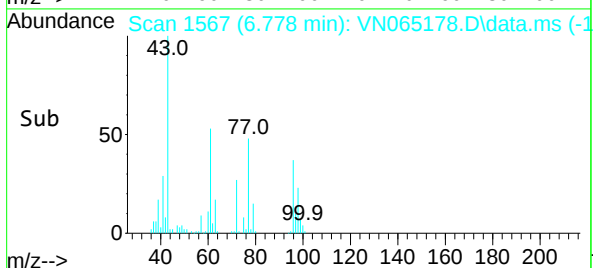
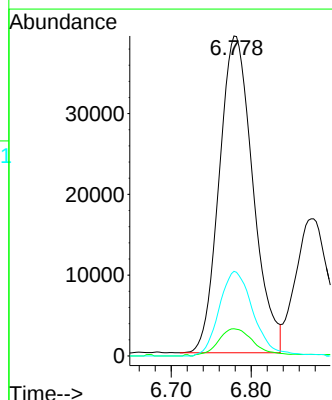
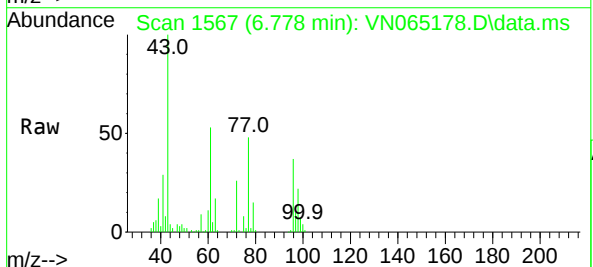
Instrument :  
MSVOA\_N  
ClientSampled :

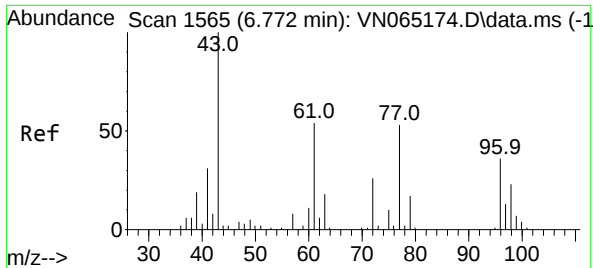
Tgt Ion: 75 Resp: 52270  
Ion Ratio Lower Upper  
75 100  
110 36.7 0.0 66.4  
77 31.0 0.0 62.0



#30  
2-Butanone  
Concen: 92.16 ug/l  
RT: 6.778 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 43 Resp: 114762  
Ion Ratio Lower Upper  
43 100  
57 9.1 6.2 9.4  
72 27.0 9.9 14.9#

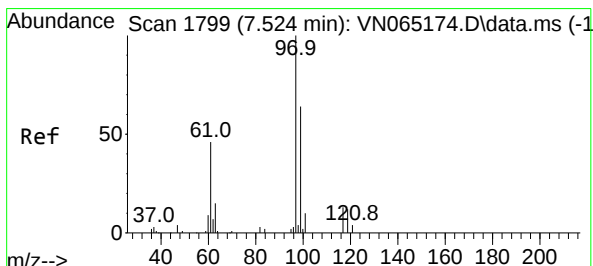
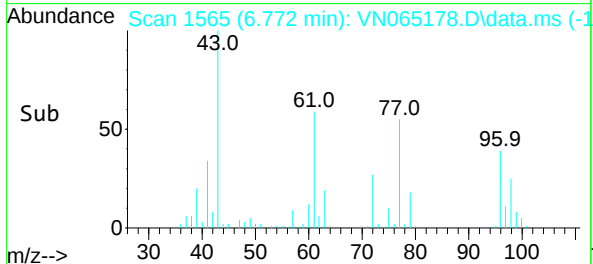
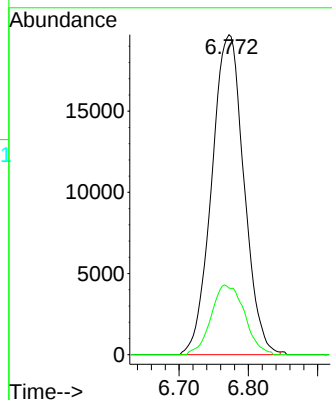
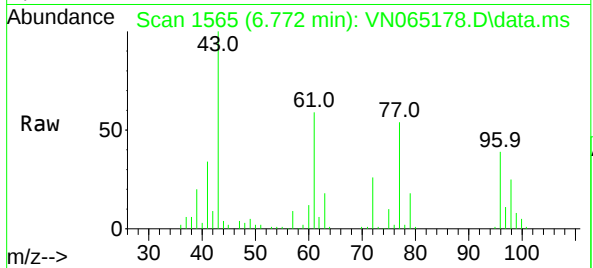




#31  
2,2-Dichloropropane  
Concen: 19.02 ug/l  
RT: 6.772 min Scan# 1565  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

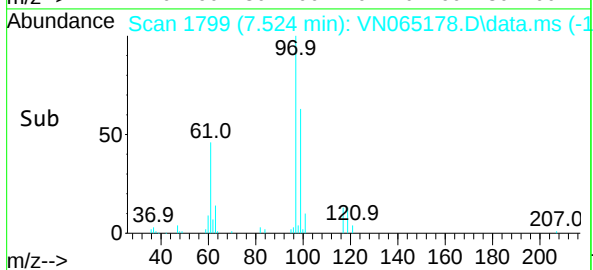
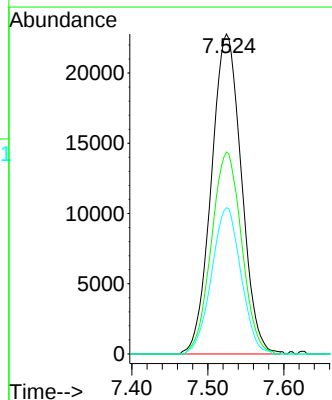
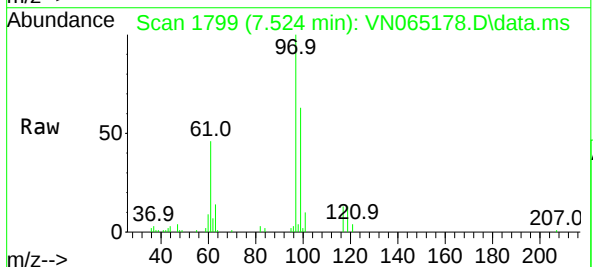
Instrument :  
MSVOA\_N  
ClientSampled :

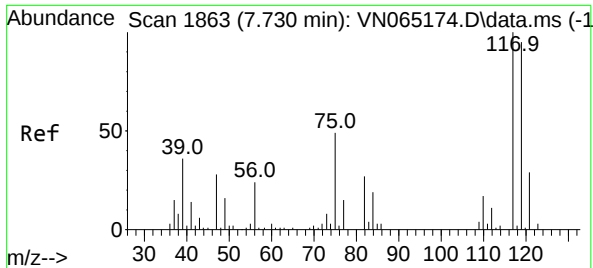
Tgt Ion: 77 Resp: 63664  
Ion Ratio Lower Upper  
77 100  
97 13.5 16.9 25.3#



#32  
1,1,1-Trichloroethane  
Concen: 19.00 ug/l  
RT: 7.524 min Scan# 1799  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 97 Resp: 62495  
Ion Ratio Lower Upper  
97 100  
99 63.4 51.8 77.8  
61 44.8 39.4 59.0

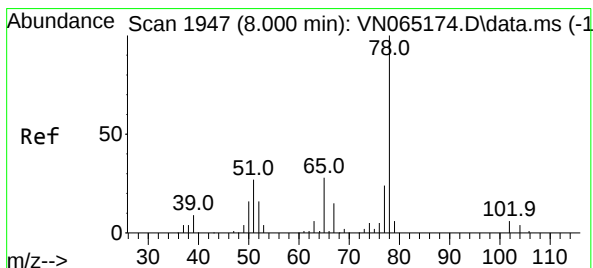
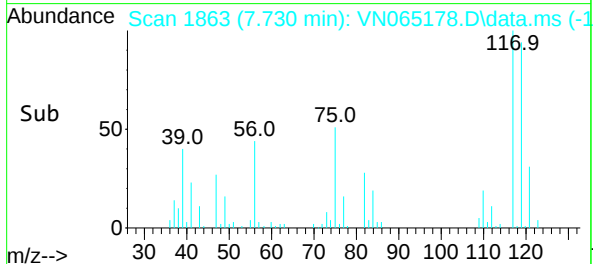
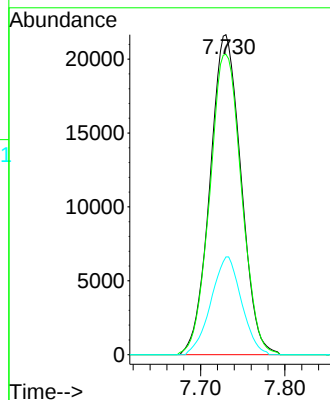
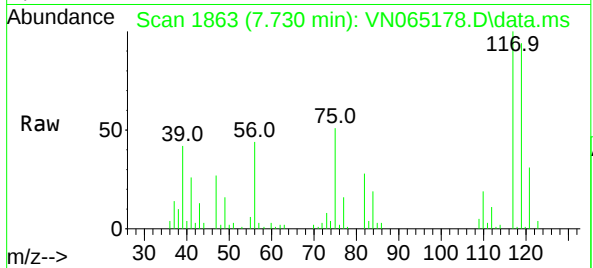




#33  
Carbon Tetrachloride  
Concen: 19.15 ug/l  
RT: 7.730 min Scan# 1863  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

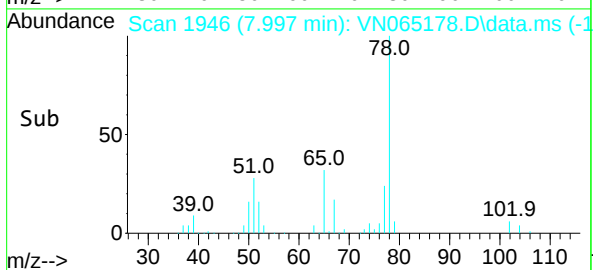
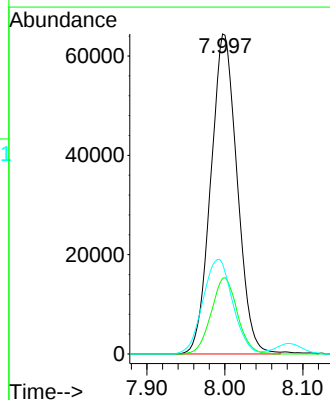
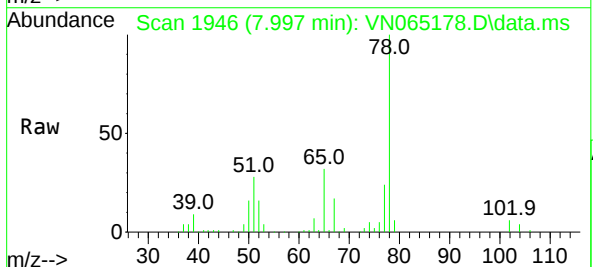
Instrument :  
MSVOA\_N  
ClientSampled :

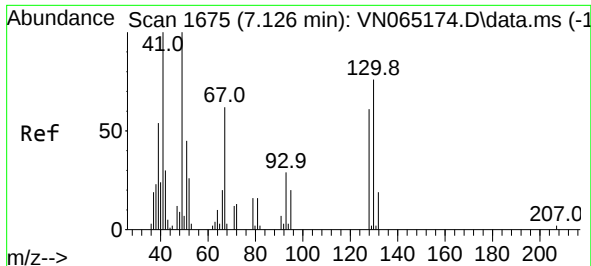
Tgt Ion:117 Resp: 55414  
Ion Ratio Lower Upper  
117 100  
119 93.9 77.9 116.9  
121 30.6 24.0 36.0



#34  
Benzene  
Concen: 18.82 ug/l  
RT: 7.997 min Scan# 1946  
Delta R.T. -0.003 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 78 Resp: 151452  
Ion Ratio Lower Upper  
78 100  
77 23.6 18.9 28.3  
51 27.6 24.6 36.8





#35

Methacrylonitrile

Concen: 18.74 ug/l

RT: 7.119 min Scan# 1673

Delta R.T. -0.007 min

Lab File: VN065178.D

Acq: 21 Dec 2020 13:53

Tgt Ion: 41 Resp: 21543

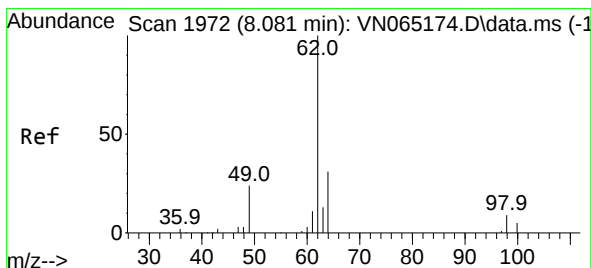
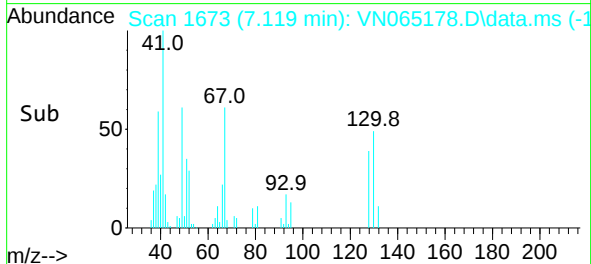
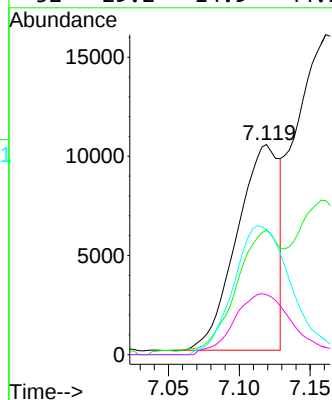
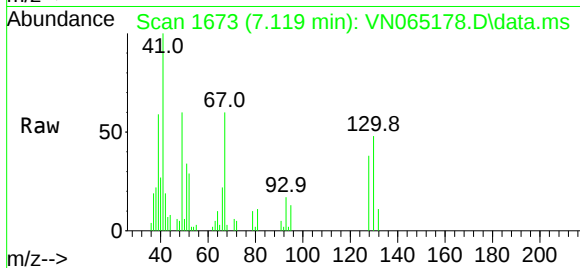
Ion Ratio Lower Upper

41 100

39 58.6 30.0 90.1

67 60.9 29.2 87.6

52 29.2 14.9 44.9



#36

1,2-Dichloroethane

Concen: 18.78 ug/l

RT: 8.081 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VN065178.D

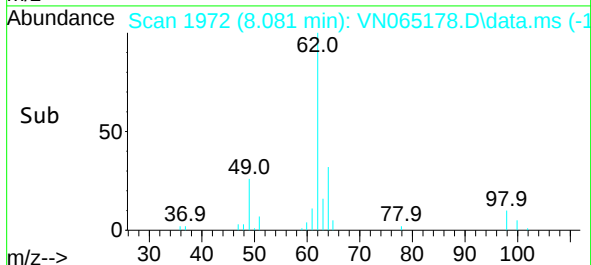
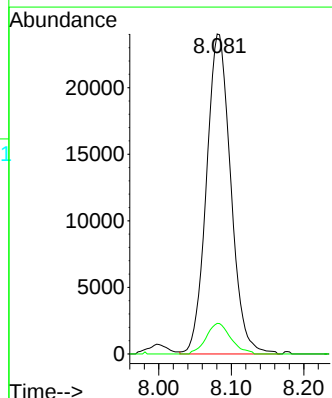
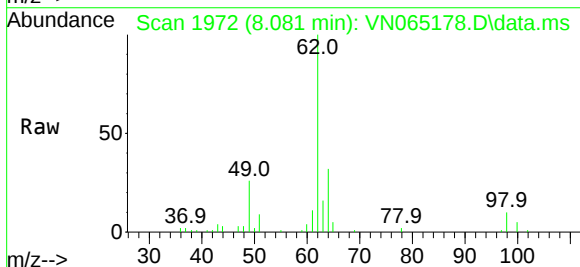
Acq: 21 Dec 2020 13:53

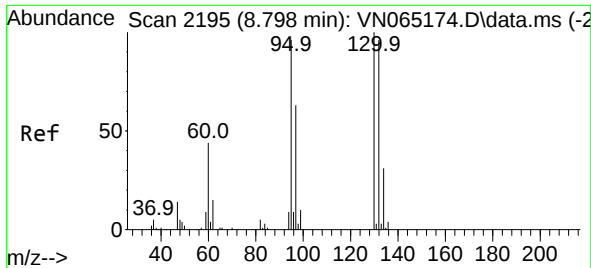
Tgt Ion: 62 Resp: 55967

Ion Ratio Lower Upper

62 100

98 9.7 5.5 8.3#

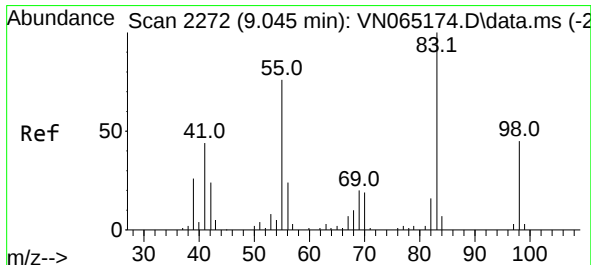
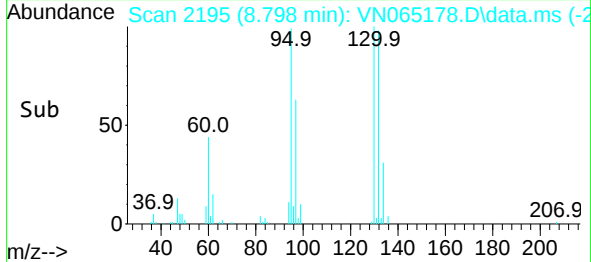
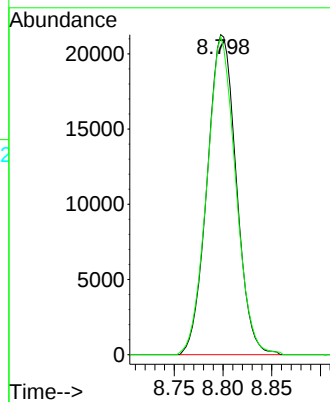
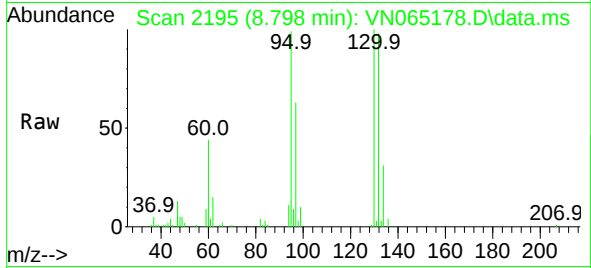




#37  
Trichloroethene  
Concen: 19.17 ug/l  
RT: 8.798 min Scan# 2195  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

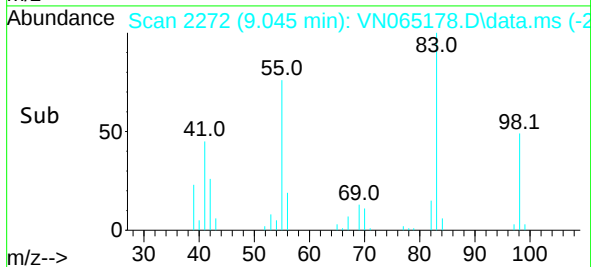
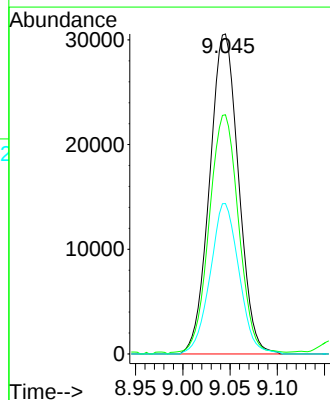
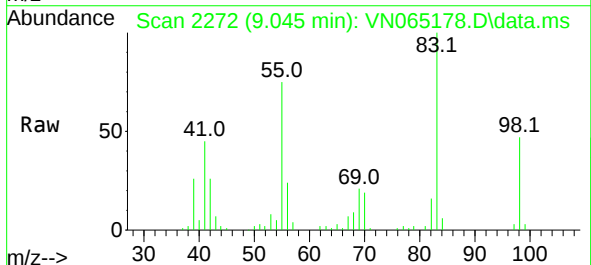
Instrument :  
MSVOA\_N  
ClientSampled :

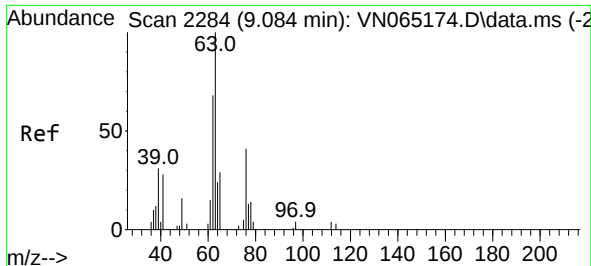
Tgt Ion:130 Resp: 44175  
Ion Ratio Lower Upper  
130 100  
95 98.6 85.1 127.7



#38  
Methylcyclohexane  
Concen: 19.41 ug/l  
RT: 9.045 min Scan# 2272  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 83 Resp: 65047  
Ion Ratio Lower Upper  
83 100  
55 76.5 42.0 126.1  
98 46.9 22.5 67.5





#39

1,2-Dichloropropane

Concen: 18.81 ug/l

RT: 9.081 min Scan# 2283

Delta R.T. -0.003 min

Lab File: VN065178.D

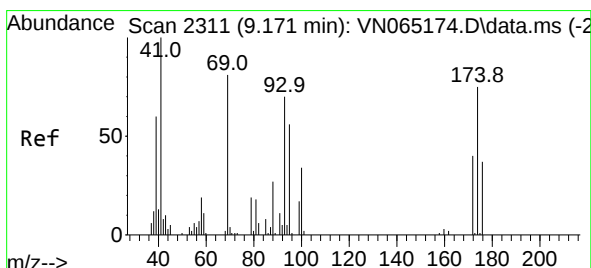
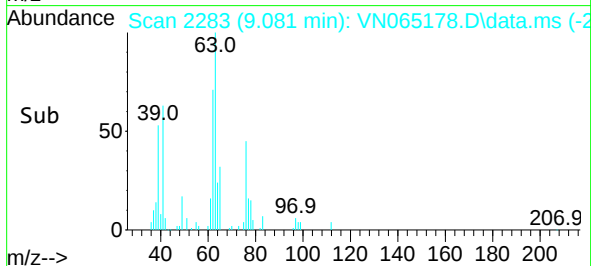
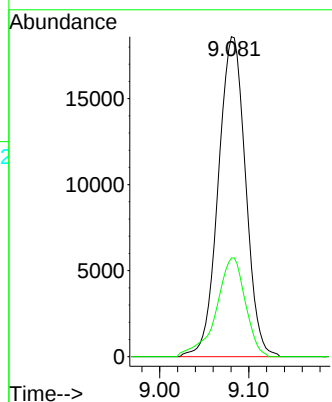
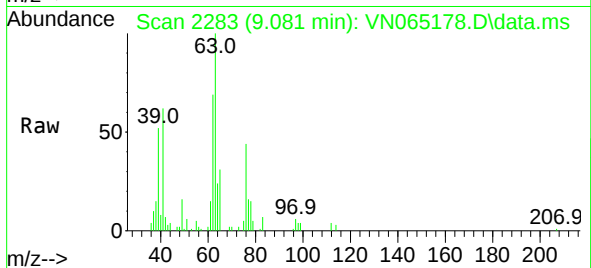
Acq: 21 Dec 2020 13:53

Tgt Ion: 63 Resp: 39535

Ion Ratio Lower Upper

63 100

65 30.9 24.4 36.6



#40

Dibromomethane

Concen: 18.49 ug/l

RT: 9.174 min Scan# 2312

Delta R.T. 0.003 min

Lab File: VN065178.D

Acq: 21 Dec 2020 13:53

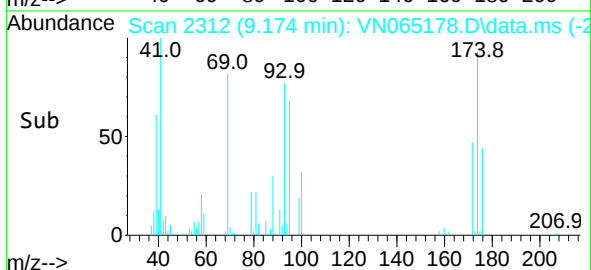
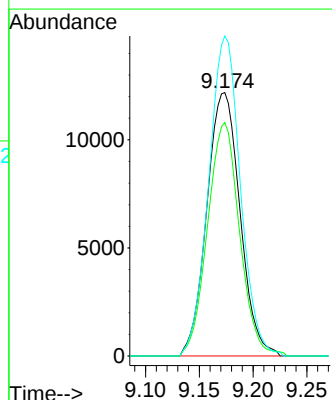
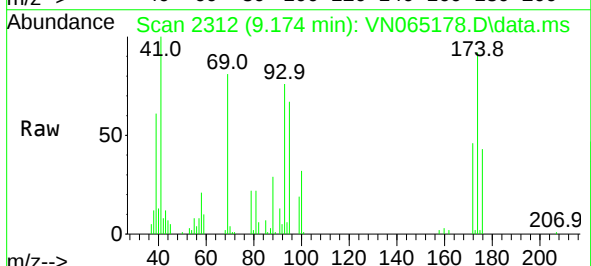
Tgt Ion: 93 Resp: 26193

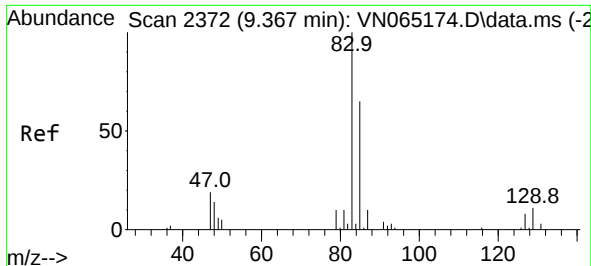
Ion Ratio Lower Upper

93 100

95 85.3 0.0 164.6

174 115.7 0.0 165.6

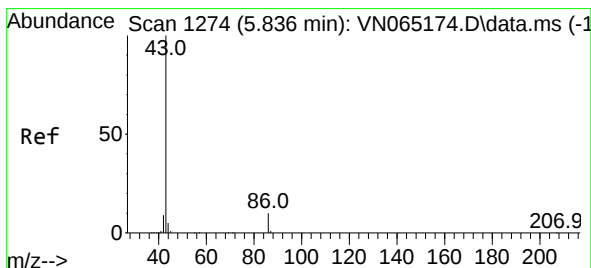
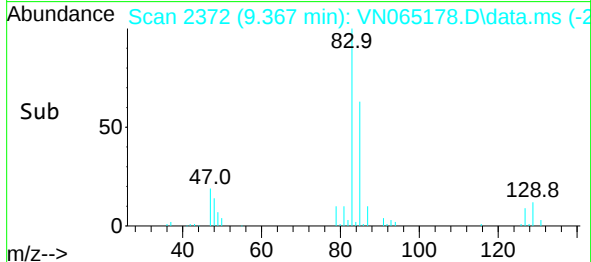
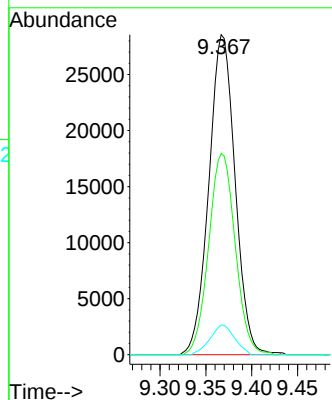
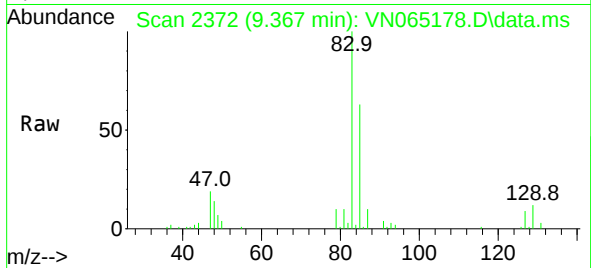




#41  
Bromodichloromethane  
Concen: 18.87 ug/l  
RT: 9.367 min Scan# 2372  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

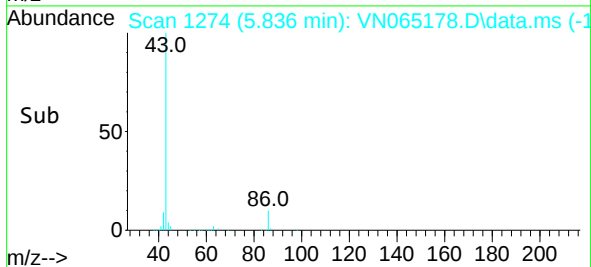
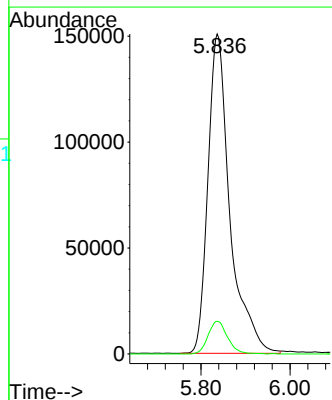
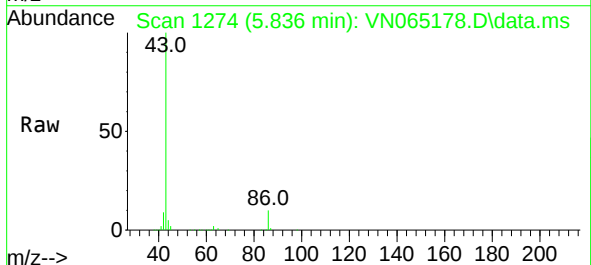
Instrument :  
MSVOA\_N  
ClientSampled :

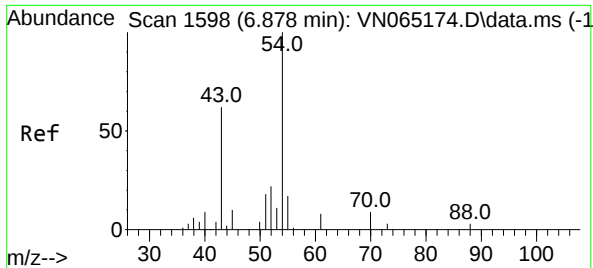
Tgt Ion: 83 Resp: 56870  
Ion Ratio Lower Upper  
83 100  
85 62.9 51.0 76.4  
127 9.2 6.2 9.4



#42  
Vinyl Acetate  
Concen: 95.46 ug/l  
RT: 5.836 min Scan# 1274  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 43 Resp: 514751  
Ion Ratio Lower Upper  
43 100  
86 9.1 6.3 9.5

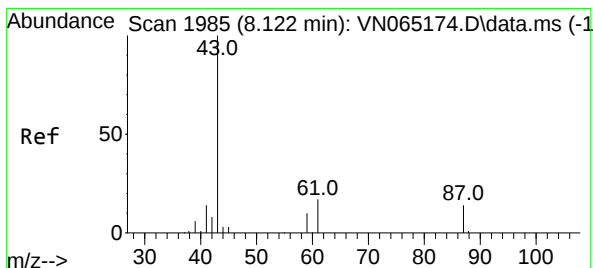
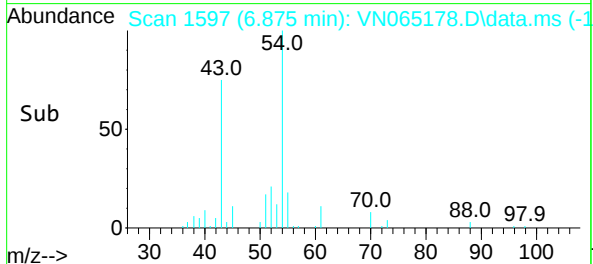
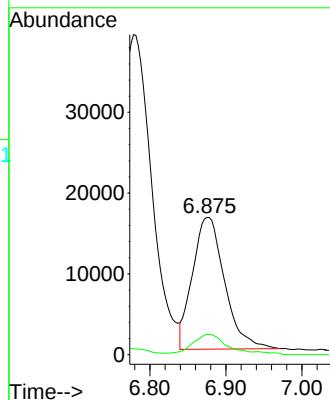
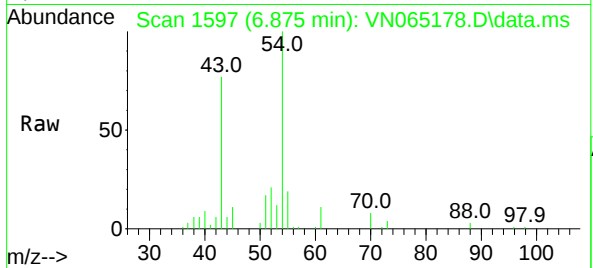




#43  
Ethyl Acetate  
Concen: 19.57 ug/l  
RT: 6.875 min Scan# 1597  
Delta R.T. -0.003 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

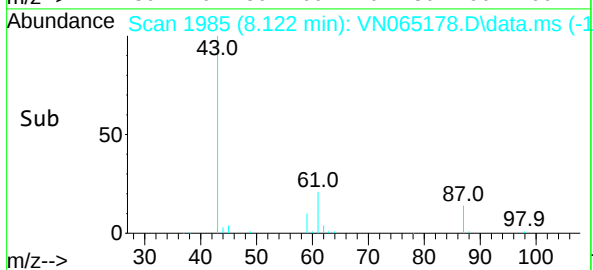
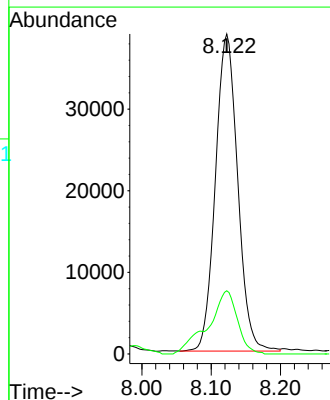
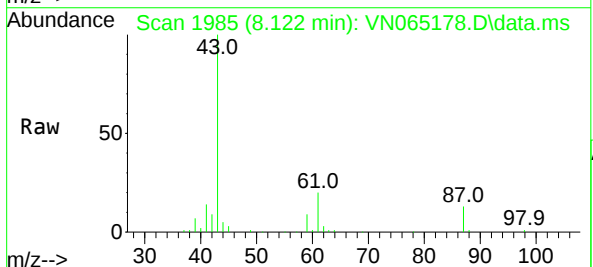
Instrument :  
MSVOA\_N  
ClientSampled :

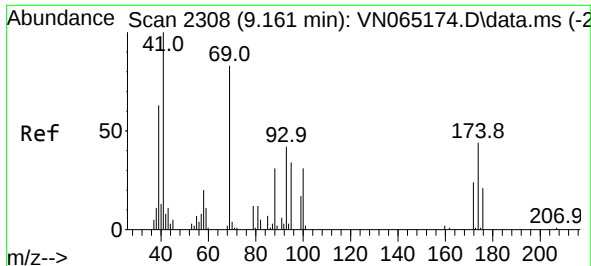
Tgt Ion: 43 Resp: 47850  
Ion Ratio Lower Upper  
43 100  
45 13.6 10.9 16.3



#44  
Isopropyl Acetate  
Concen: 18.82 ug/l  
RT: 8.122 min Scan# 1985  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

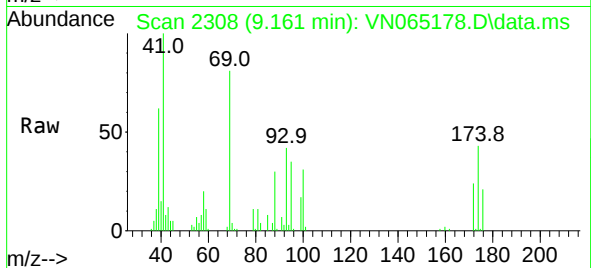
Tgt Ion: 43 Resp: 86751  
Ion Ratio Lower Upper  
43 100  
61 20.2 13.0 19.4#



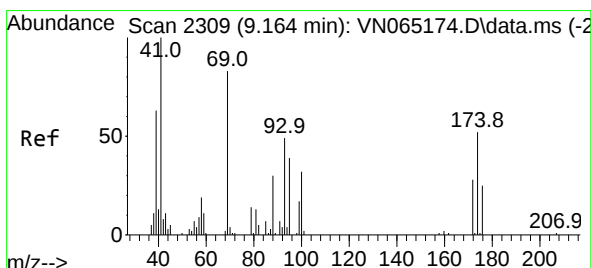
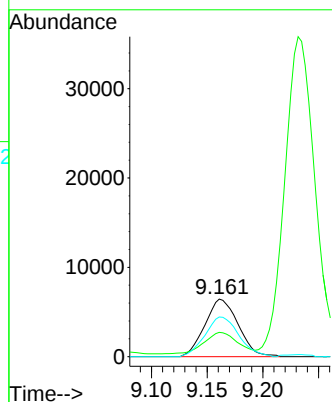
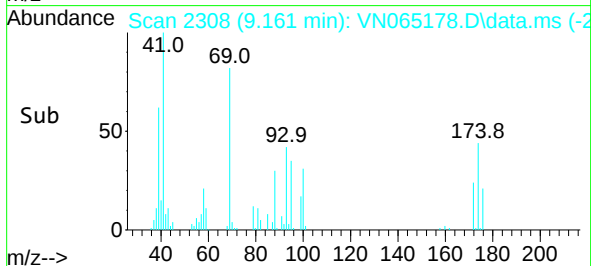


#45  
1,4-Dioxane  
Concen: 383.92 ug/l  
RT: 9.161 min Scan# 2308  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

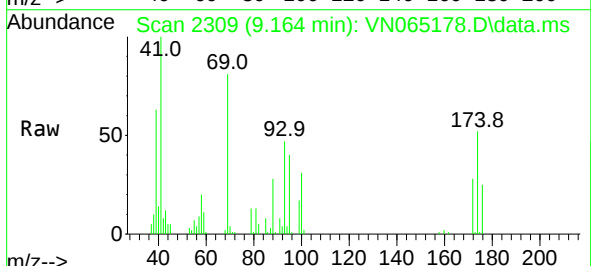
Instrument :  
MSVOA\_N  
ClientSampleId :



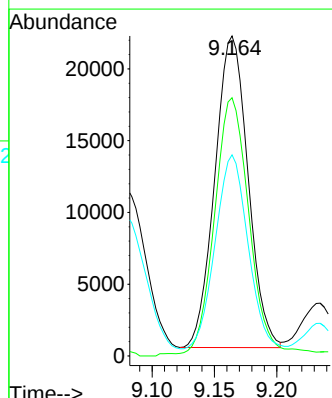
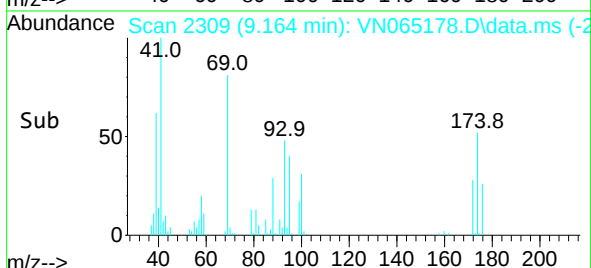
Tgt Ion: 88 Resp: 13373  
Ion Ratio Lower Upper  
88 100  
43 36.9 30.6 46.0  
58 70.4 57.9 86.9

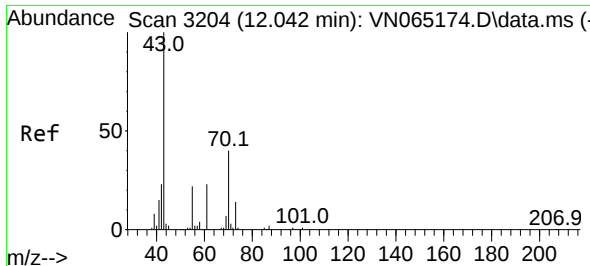


#46  
Methyl methacrylate  
Concen: 18.38 ug/l  
RT: 9.164 min Scan# 2309  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53



Tgt Ion: 41 Resp: 40221  
Ion Ratio Lower Upper  
41 100  
69 82.1 35.4 106.2  
39 62.2 31.6 94.7

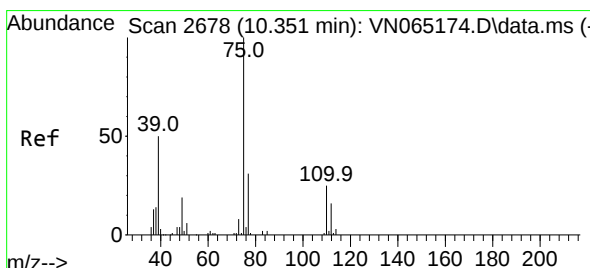
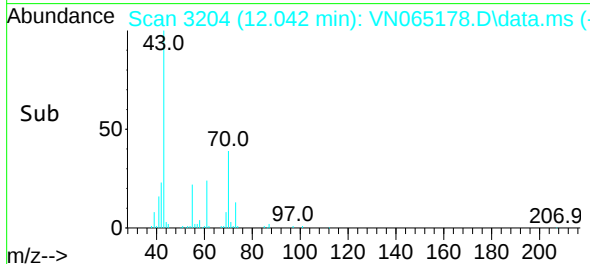
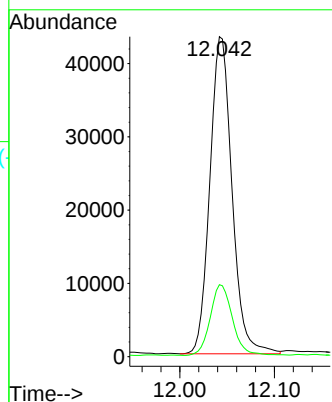
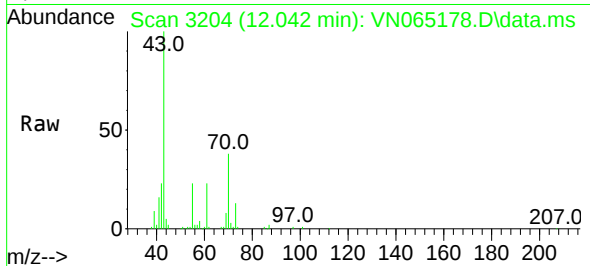




#47  
n-amy1 Acetate  
Concen: 18.23 ug/l  
RT: 12.042 min Scan# 3204  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

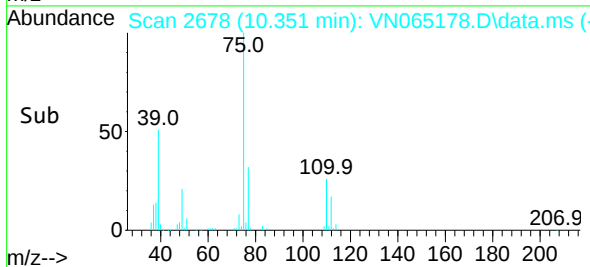
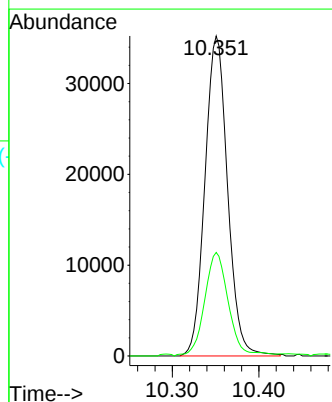
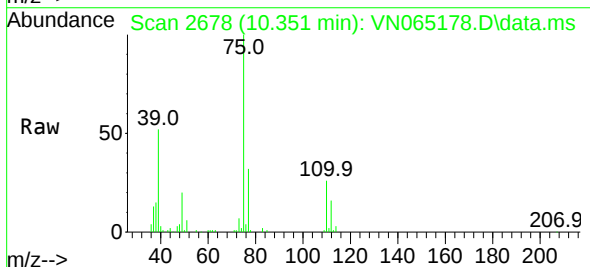
Instrument :  
MSVOA\_N  
ClientSampled :

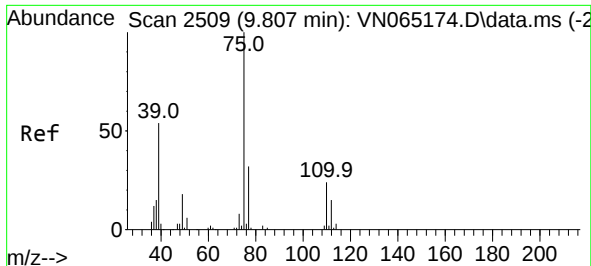
Tgt Ion: 43 Resp: 70541  
Ion Ratio Lower Upper  
43 100  
55 22.2 19.2 28.8



#48  
t-1,3-Dichloropropene  
Concen: 18.87 ug/l  
RT: 10.351 min Scan# 2678  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 75 Resp: 63918  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.8 38.6

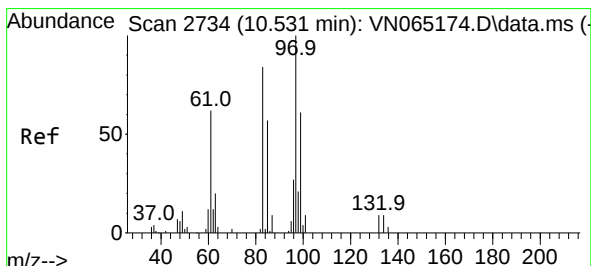
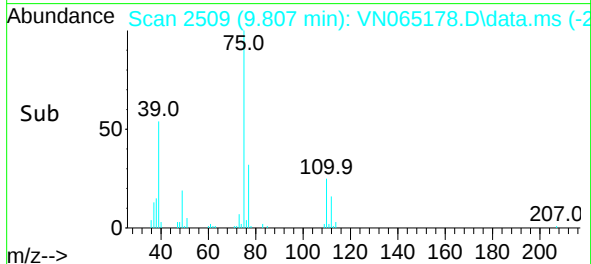
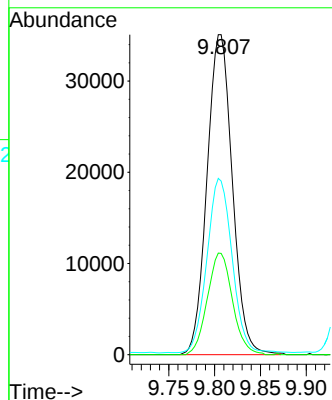
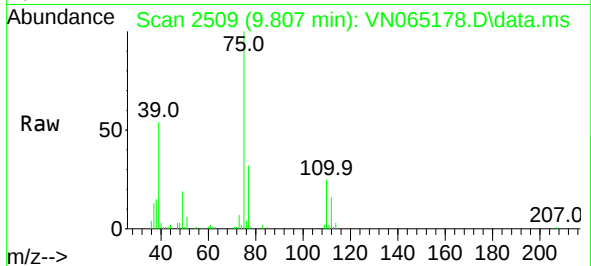




#49  
cis-1,3-Dichloropropene  
Concen: 18.86 ug/l  
RT: 9.807 min Scan# 2509  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

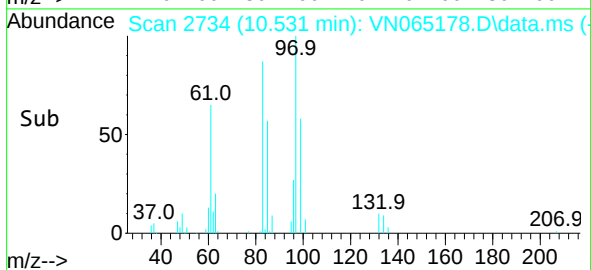
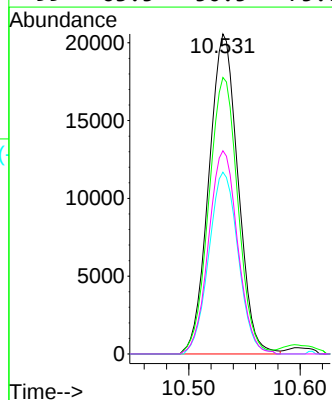
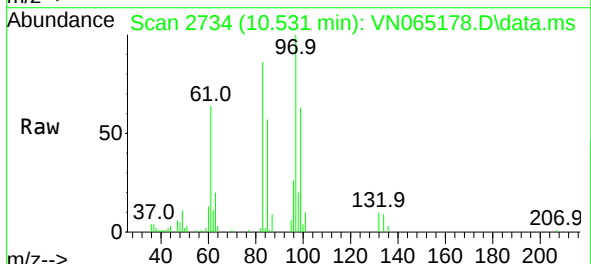
Instrument :  
MSVOA\_N  
ClientSampleId :

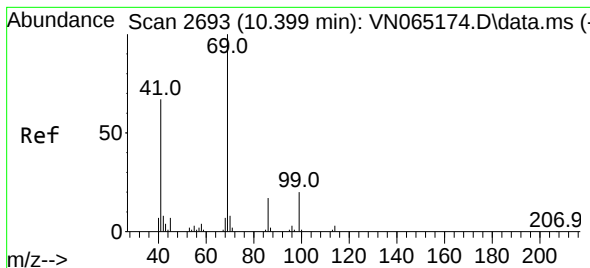
Tgt Ion: 75 Resp: 67496  
Ion Ratio Lower Upper  
75 100  
77 31.7 24.8 37.2  
39 53.6 47.4 71.0



#50  
1,1,2-Trichloroethane  
Concen: 18.77 ug/l  
RT: 10.531 min Scan# 2734  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 97 Resp: 37441  
Ion Ratio Lower Upper  
97 100  
83 86.4 74.2 111.4  
85 56.8 44.8 67.2  
99 63.5 50.5 75.7

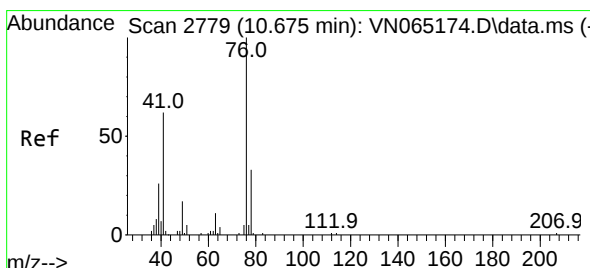
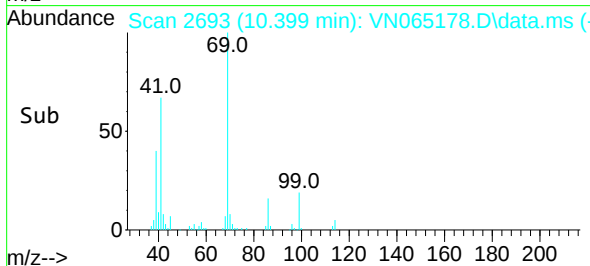
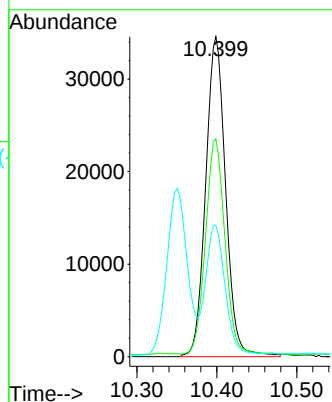
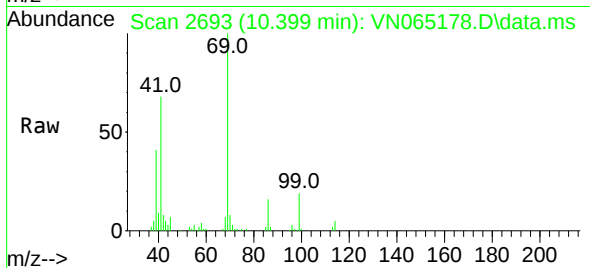




#51  
Ethyl methacrylate  
Concen: 19.23 ug/l  
RT: 10.399 min Scan# 2693  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

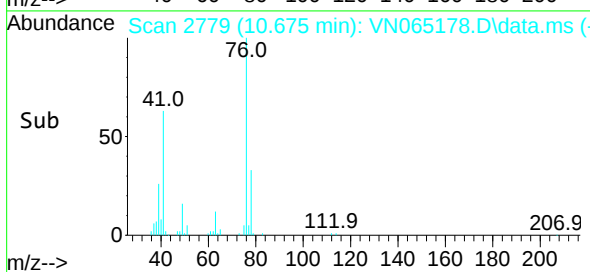
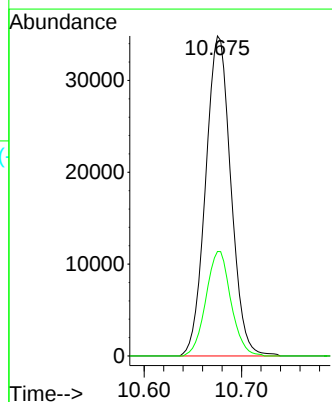
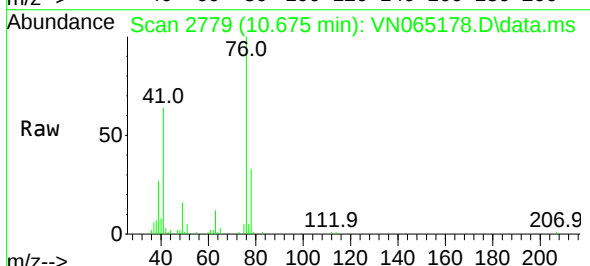
Instrument :  
MSVOA\_N  
ClientSampleId :

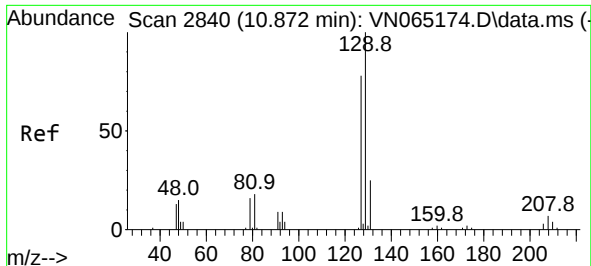
Tgt Ion: 69 Resp: 59945  
Ion Ratio Lower Upper  
69 100  
41 67.3 35.4 106.1  
39 40.3 24.1 72.2



#52  
1,3-Dichloropropane  
Concen: 18.86 ug/l  
RT: 10.675 min Scan# 2779  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 76 Resp: 62756  
Ion Ratio Lower Upper  
76 100  
78 32.3 0.0 65.2

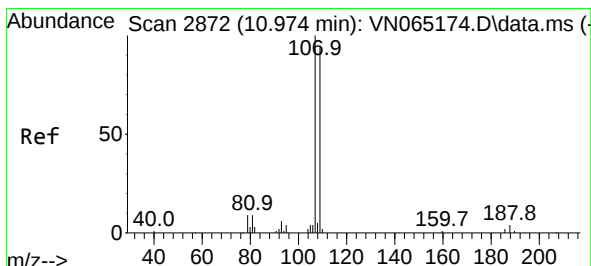
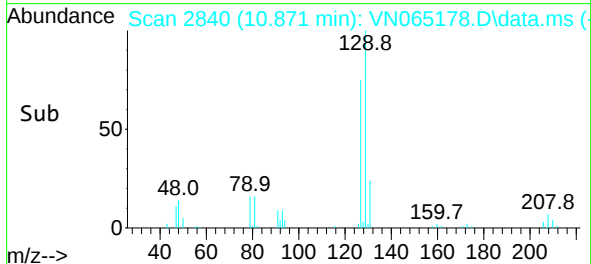
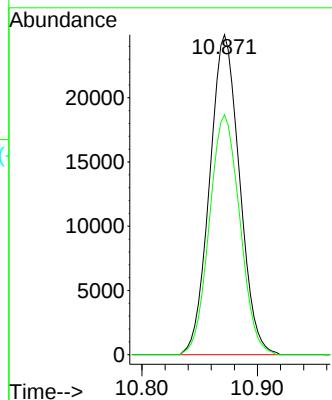
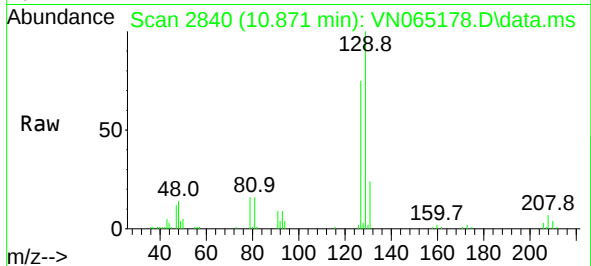




#53  
Dibromochloromethane  
Concen: 18.81 ug/l  
RT: 10.871 min Scan# 2840  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

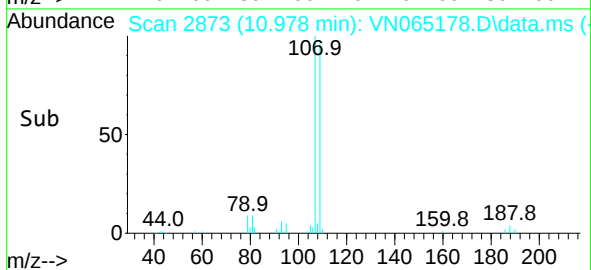
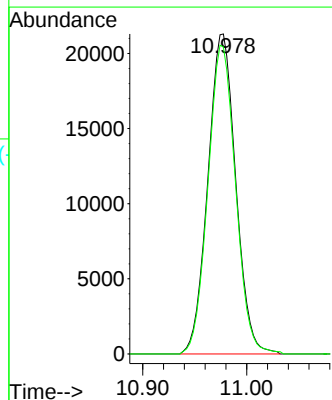
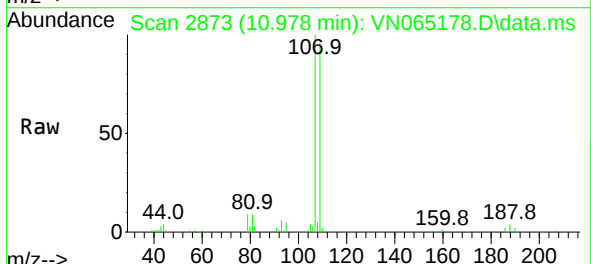
Instrument :  
MSVOA\_N  
ClientSampleId :

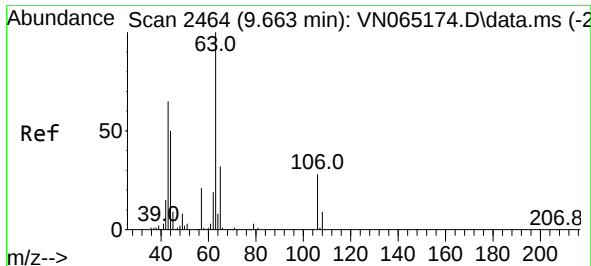
Tgt Ion:129 Resp: 44811  
Ion Ratio Lower Upper  
129 100  
127 76.2 39.1 117.2



#54  
1,2-Dibromoethane  
Concen: 18.56 ug/l  
RT: 10.978 min Scan# 2873  
Delta R.T. 0.003 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

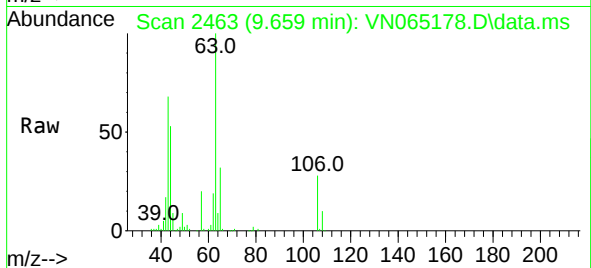
Tgt Ion:107 Resp: 39627  
Ion Ratio Lower Upper  
107 100  
109 95.5 77.2 115.8



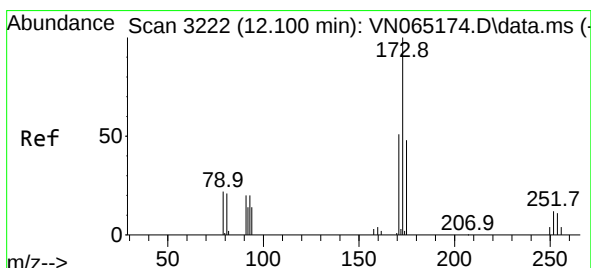
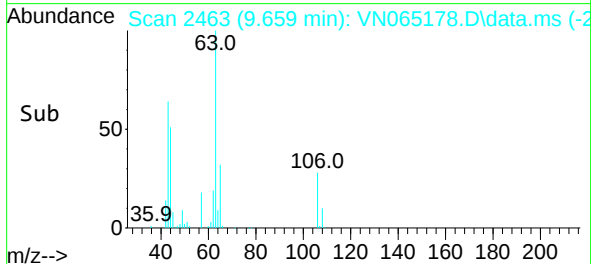
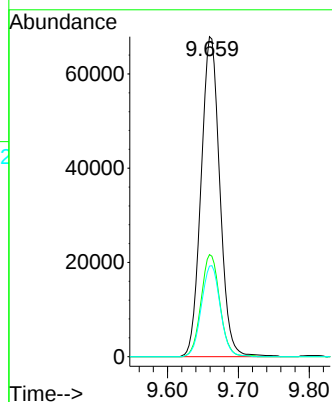


#55  
2-Chloroethyl vinyl ether  
Concen: 80.74 ug/l  
RT: 9.659 min Scan# 2463  
Delta R.T. -0.003 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Instrument :  
MSVOA\_N  
ClientSampled :

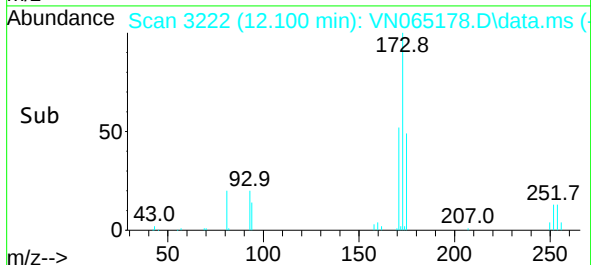
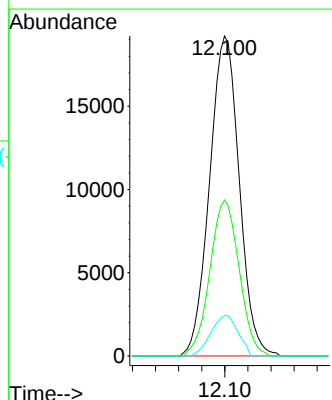
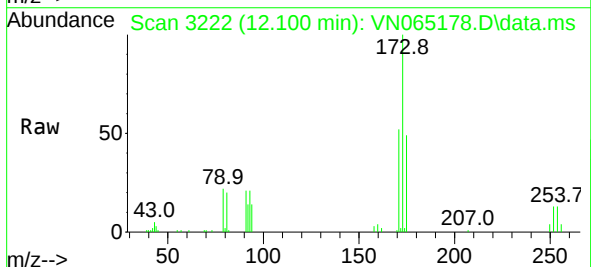


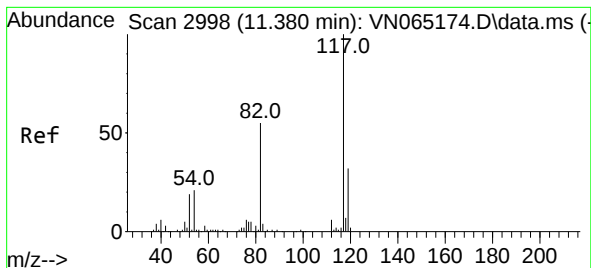
Tgt Ion: 63 Resp: 124554  
Ion Ratio Lower Upper  
63 100  
65 31.8 25.7 38.5  
106 28.7 19.9 29.9



#56  
Bromoform  
Concen: 18.59 ug/l  
RT: 12.100 min Scan# 3222  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 173 Resp: 34291  
Ion Ratio Lower Upper  
173 100  
175 48.0 37.1 55.7  
254 11.5 5.4 8.2#

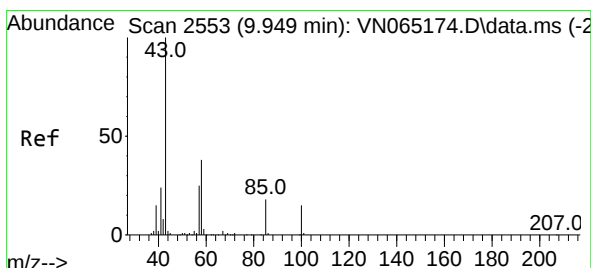
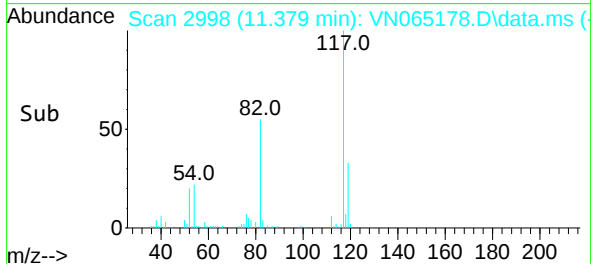
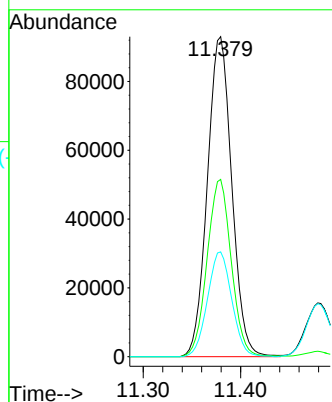
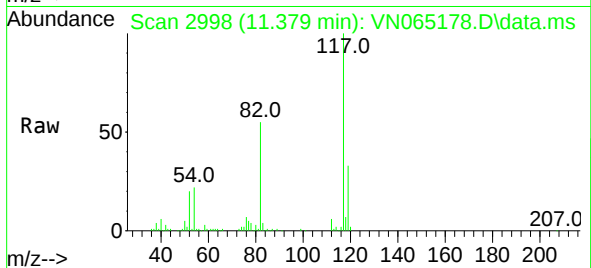




#57  
Chlorobenzene-d5  
Concen: 30.00 ug/l  
RT: 11.379 min Scan# 2998  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

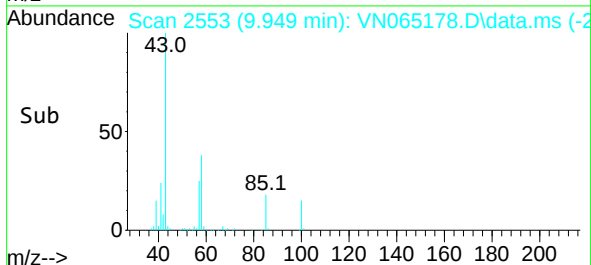
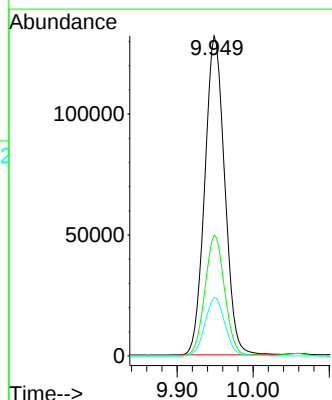
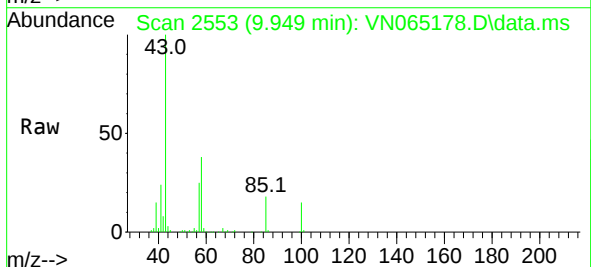
Instrument :  
MSVOA\_N  
ClientSampleId :

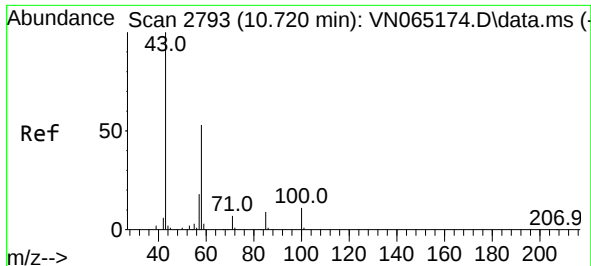
Tgt Ion:117 Resp: 162073  
Ion Ratio Lower Upper  
117 100  
82 54.9 47.8 71.8  
119 32.6 25.7 38.5



#58  
4-Methyl-2-Pentanone  
Concen: 96.75 ug/l  
RT: 9.949 min Scan# 2553  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 43 Resp: 239626  
Ion Ratio Lower Upper  
43 100  
58 37.9 28.8 43.2  
85 18.5 12.3 18.5#

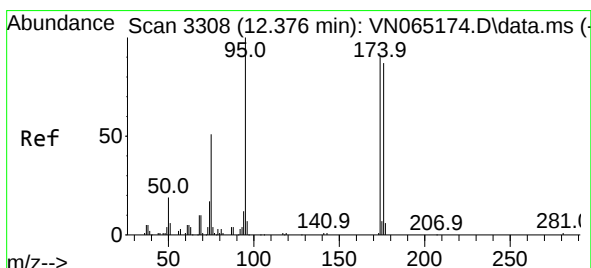
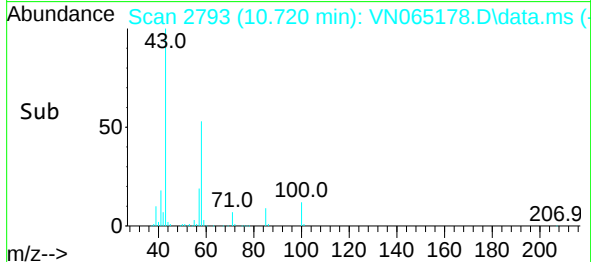
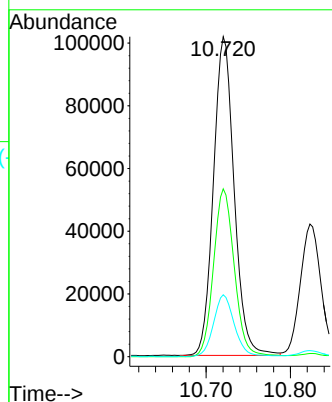
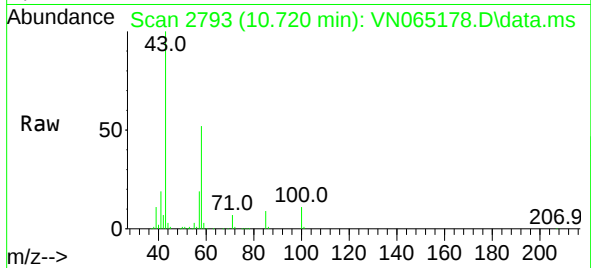




#59  
2-Hexanone  
Concen: 94.99 ug/l  
RT: 10.720 min Scan# 2793  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

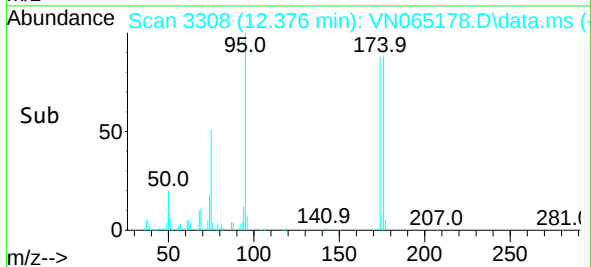
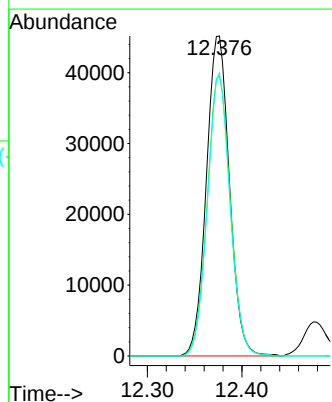
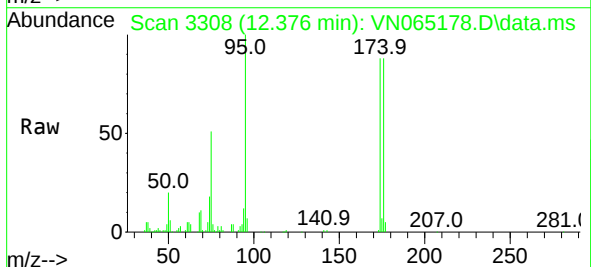
Instrument :  
MSVOA\_N  
ClientSampleId :

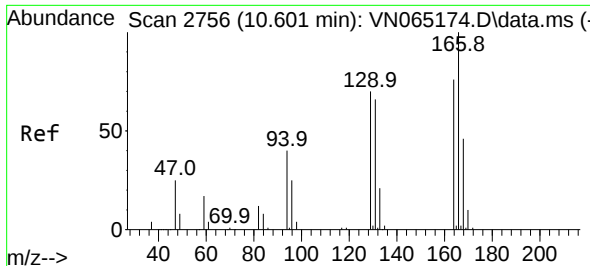
Tgt Ion: 43 Resp: 173344  
Ion Ratio Lower Upper  
43 100  
58 52.9 38.2 57.4  
57 19.7 13.8 20.8



#60  
4-Bromofluorobenzene  
Concen: 29.81 ug/l  
RT: 12.376 min Scan# 3308  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 95 Resp: 76844  
Ion Ratio Lower Upper  
95 100  
174 88.2 56.4 84.6#  
176 86.0 53.3 79.9#

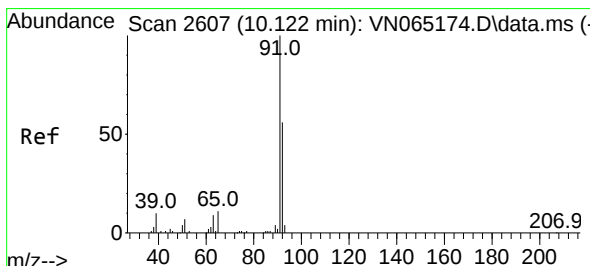
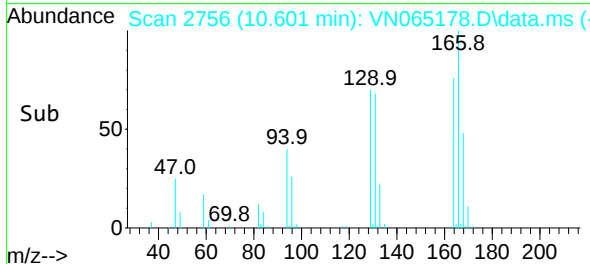
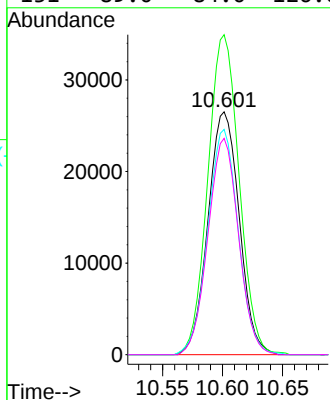
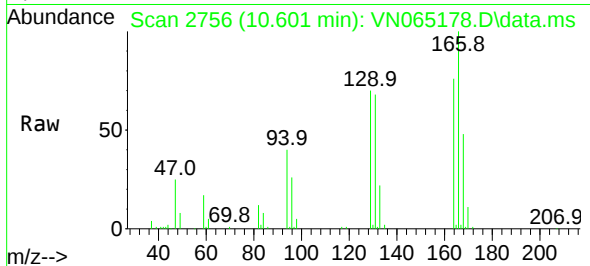




#61  
Tetrachloroethene  
Concen: 19.75 ug/l  
RT: 10.601 min Scan# 2756  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

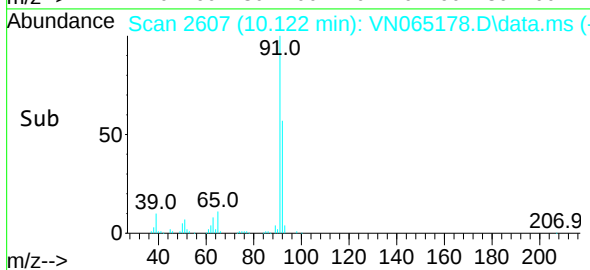
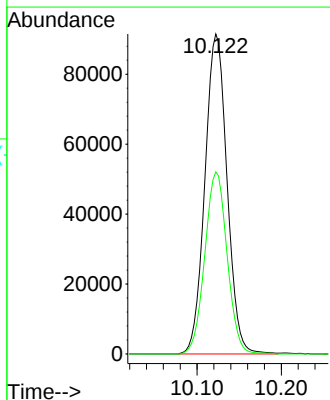
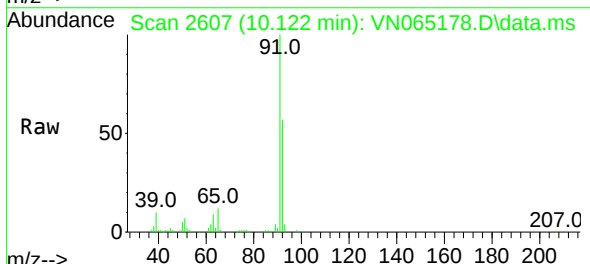
Instrument :  
MSVOA\_N  
ClientSampled :

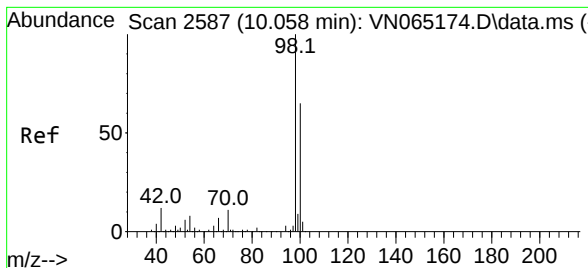
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 48038       |
| Ion         | Ratio | Lower Upper |
| 164         | 100   |             |
| 166         | 131.2 | 103.2 154.8 |
| 129         | 92.1  | 86.4 129.6  |
| 131         | 89.0  | 84.0 126.0  |



#62  
Toluene  
Concen: 19.42 ug/l  
RT: 10.122 min Scan# 2607  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 91 | Resp: | 167289      |
| Ion         | Ratio | Lower Upper |
| 91          | 100   |             |
| 92          | 57.3  | 45.4 68.2   |

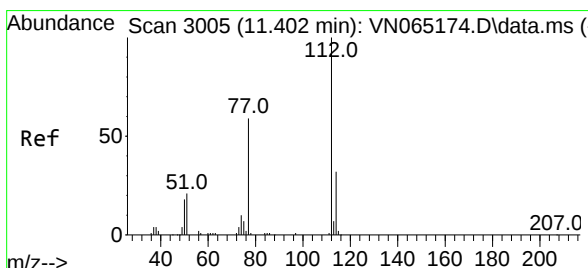
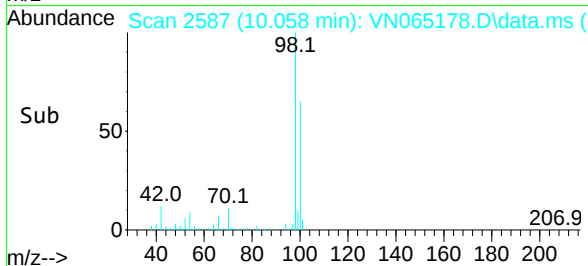
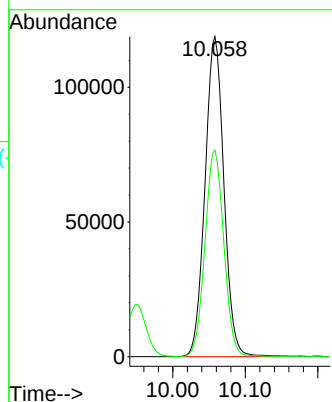
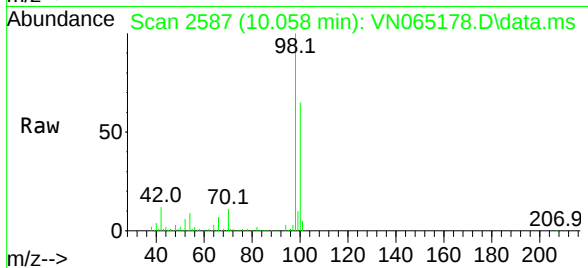




#63  
Toluene-d8  
Concen: 29.95 ug/l  
RT: 10.058 min Scan# 2587  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

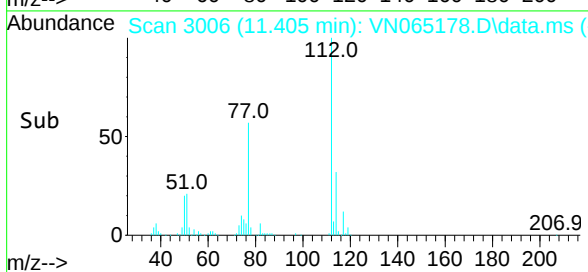
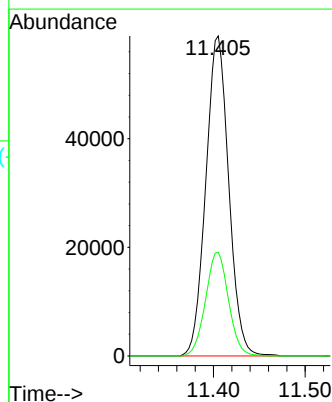
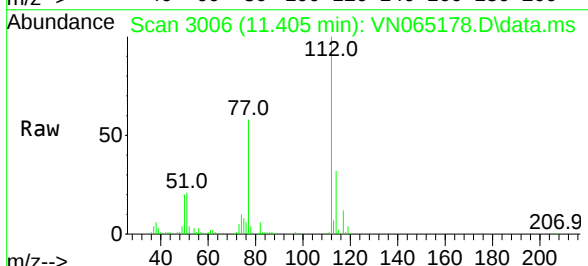
Instrument :  
MSVOA\_N  
ClientSampled :

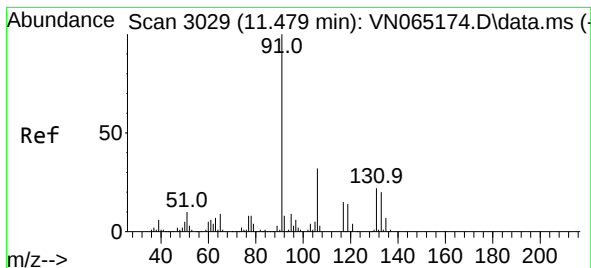
Tgt Ion: 98 Resp: 215268  
Ion Ratio Lower Upper  
98 100  
100 64.5 49.4 74.2



#64  
Chlorobenzene  
Concen: 19.26 ug/l  
RT: 11.405 min Scan# 3006  
Delta R.T. 0.003 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 112 Resp: 102350  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.0 37.6

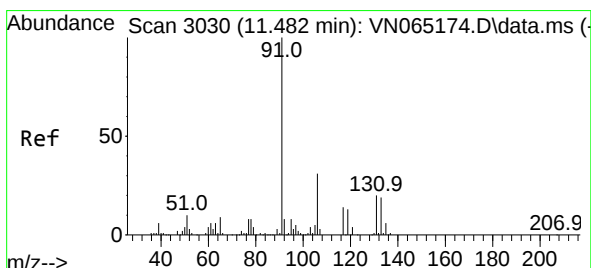
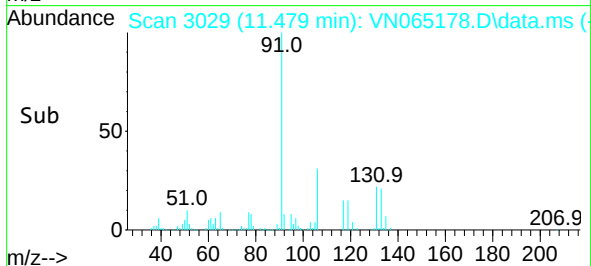
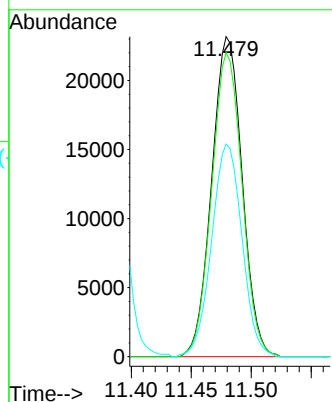
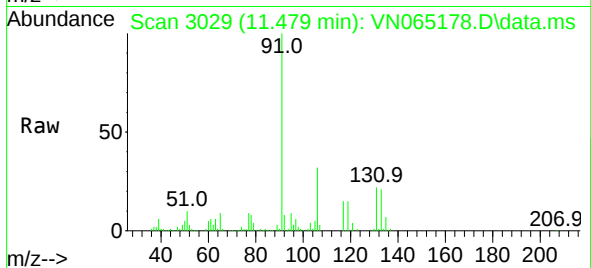




#65  
1,1,1,2-Tetrachloroethane  
Concen: 19.47 ug/l  
RT: 11.479 min Scan# 3029  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

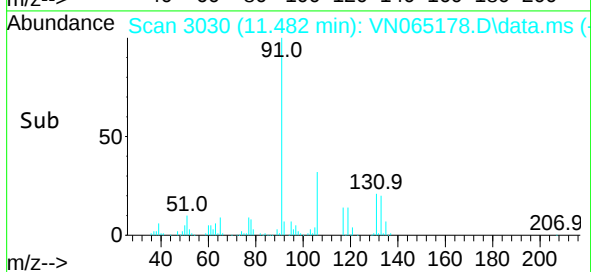
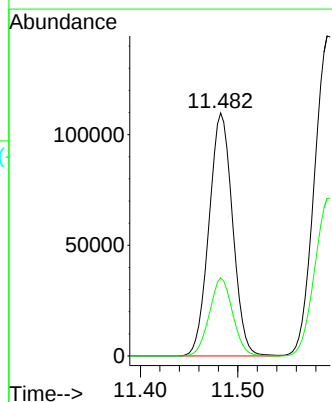
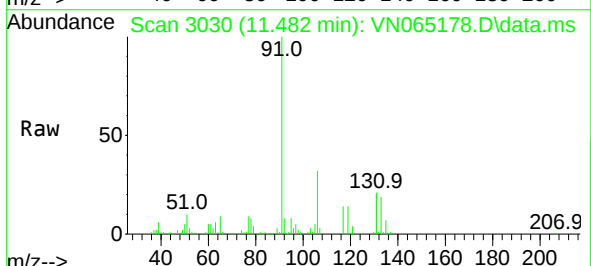
Instrument :  
MSVOA\_N  
ClientSampleId :

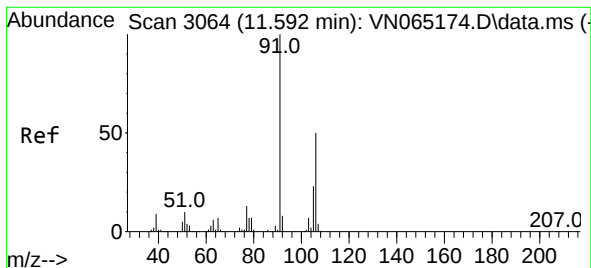
Tgt Ion:131 Resp: 40924  
Ion Ratio Lower Upper  
131 100  
133 94.7 0.0 191.2  
119 66.3 0.0 131.6



#66  
Ethyl Benzene  
Concen: 19.20 ug/l  
RT: 11.482 min Scan# 3030  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 91 Resp: 184567  
Ion Ratio Lower Upper  
91 100  
106 32.2 23.9 35.9

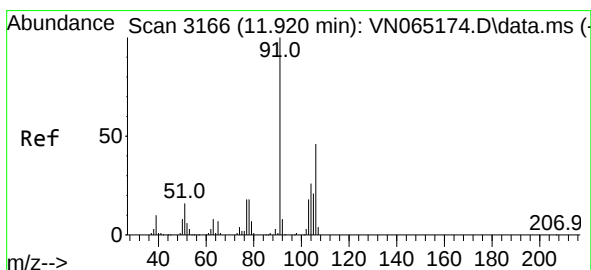
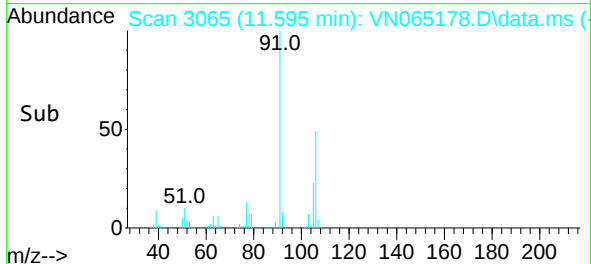
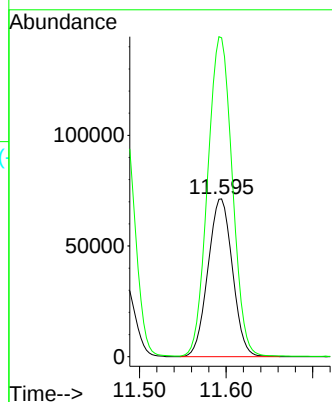
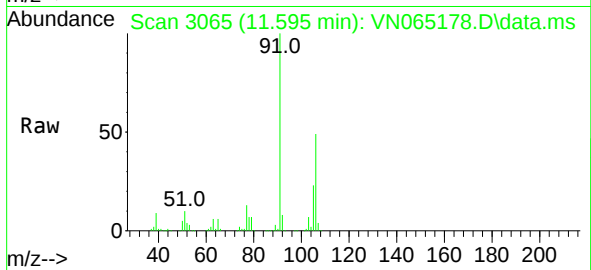




#67  
m/p-Xylenes  
Concen: 38.64 ug/l  
RT: 11.595 min Scan# 3065  
Delta R.T. 0.003 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

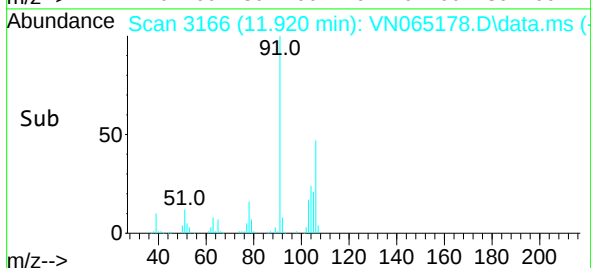
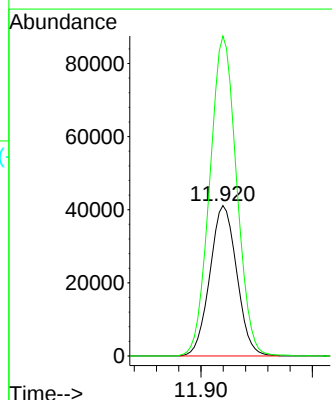
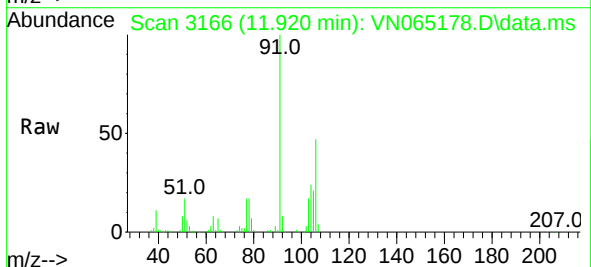
Instrument :  
MSVOA\_N  
ClientSampled :

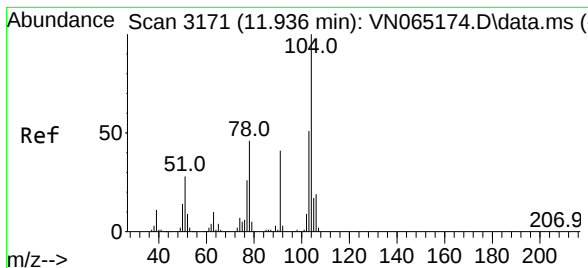
Tgt Ion:106 Resp: 140249  
Ion Ratio Lower Upper  
106 100  
91 203.3 168.8 253.2



#68  
o-Xylene  
Concen: 19.66 ug/l  
RT: 11.920 min Scan# 3166  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion:106 Resp: 68930  
Ion Ratio Lower Upper  
106 100  
91 212.9 109.7 329.2

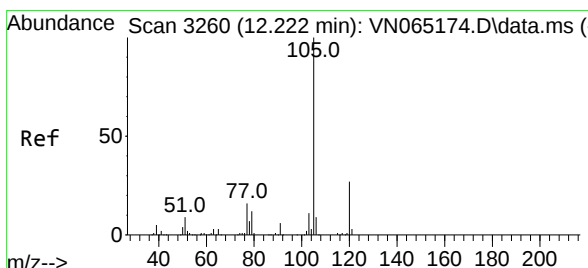
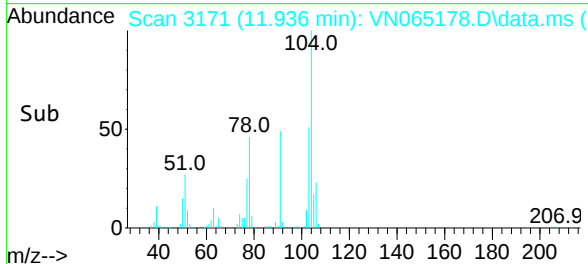
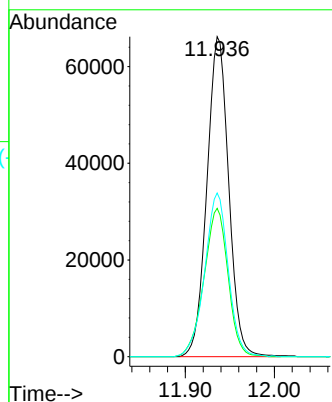
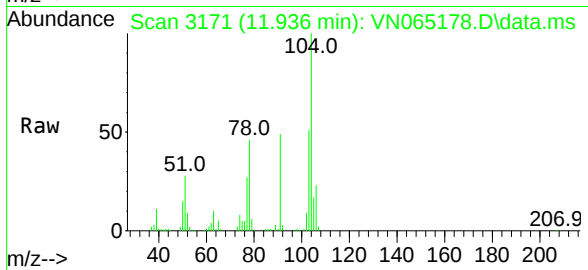




#69  
Styrene  
Concen: 19.11 ug/l  
RT: 11.936 min Scan# 3171  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

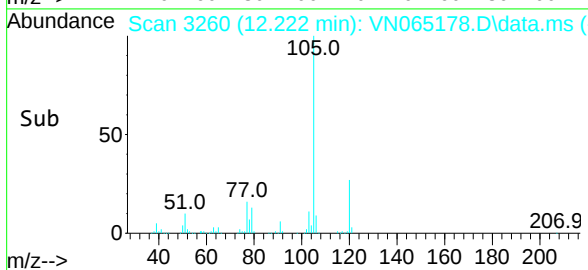
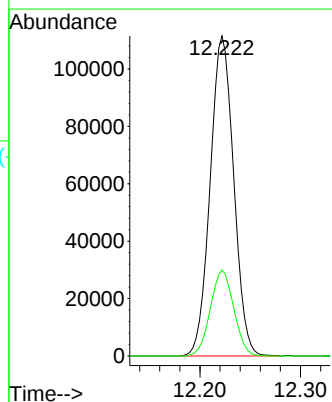
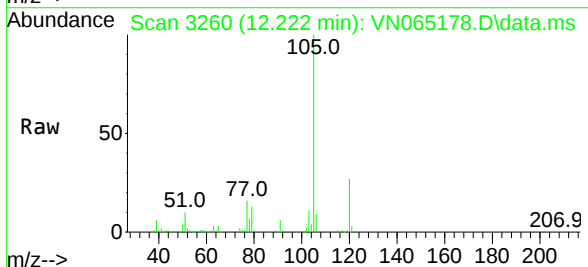
Instrument :  
MSVOA\_N  
ClientSampled :

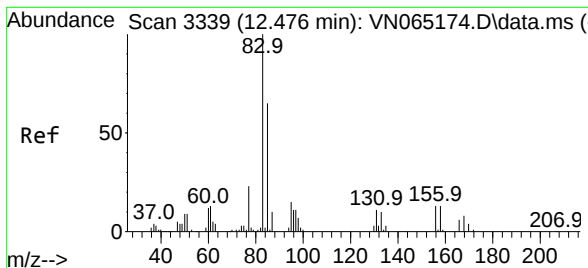
Tgt Ion:104 Resp: 112524  
Ion Ratio Lower Upper  
104 100  
78 51.1 44.4 66.6  
103 55.3 44.6 67.0



#70  
Isopropylbenzene  
Concen: 19.36 ug/l  
RT: 12.222 min Scan# 3260  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion:105 Resp: 181095  
Ion Ratio Lower Upper  
105 100  
120 26.6 17.9 33.3

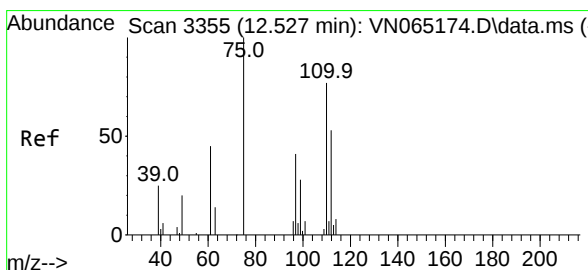
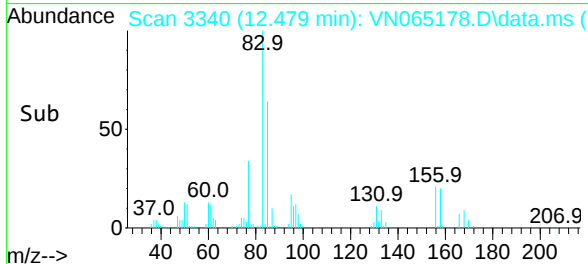
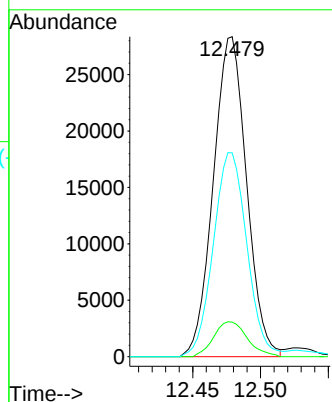
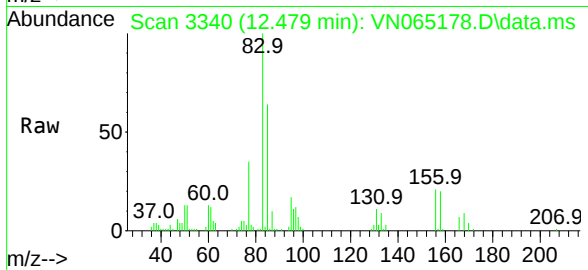




#71  
1,1,2,2-Tetrachloroethane  
Concen: 19.09 ug/l  
RT: 12.479 min Scan# 3340  
Delta R.T. 0.003 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

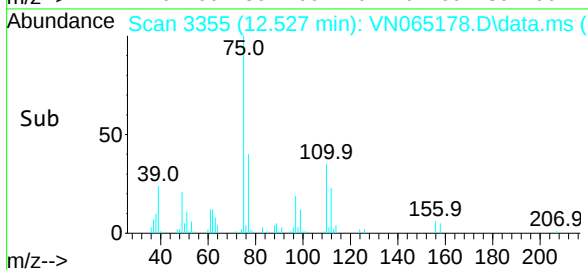
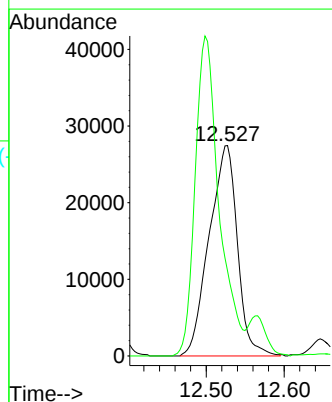
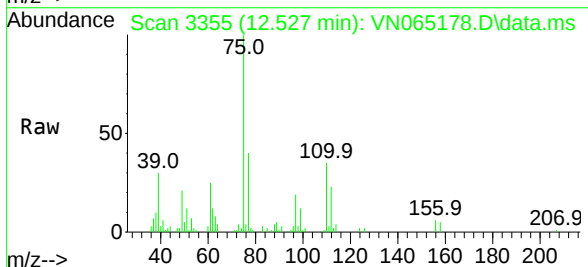
Instrument :  
MSVOA\_N  
ClientSampleId :

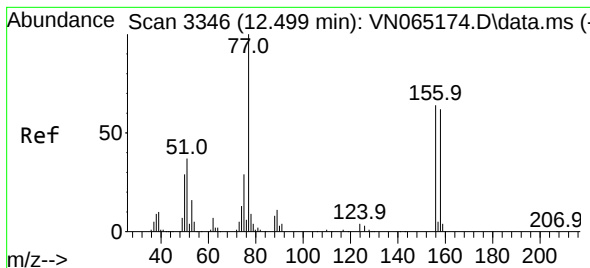
Tgt Ion: 83 Resp: 48377  
Ion Ratio Lower Upper  
83 100  
131 11.0 4.6 13.8  
85 64.3 31.4 94.0



#72  
1,2,3-Trichloropropane  
Concen: 26.83 ug/l  
RT: 12.527 min Scan# 3355  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 75 Resp: 69220  
Ion Ratio Lower Upper  
75 100  
77 129.0 0.0 379.4

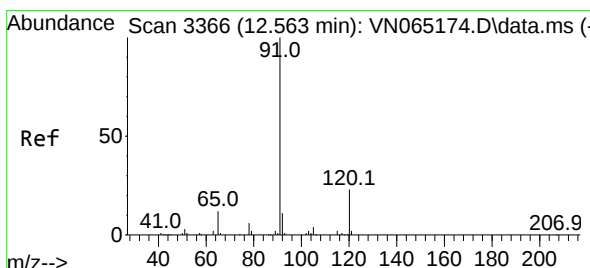
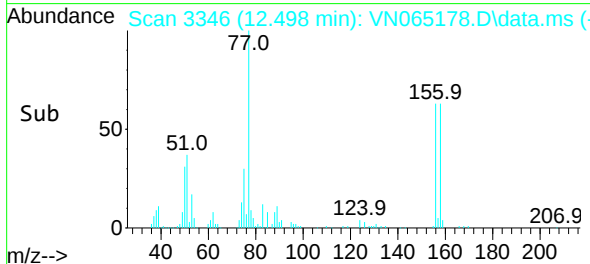
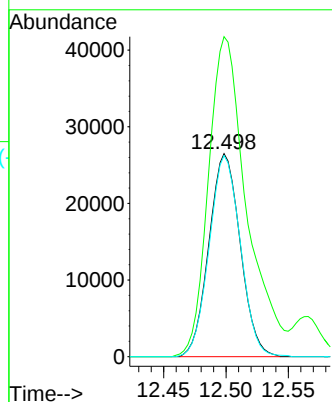
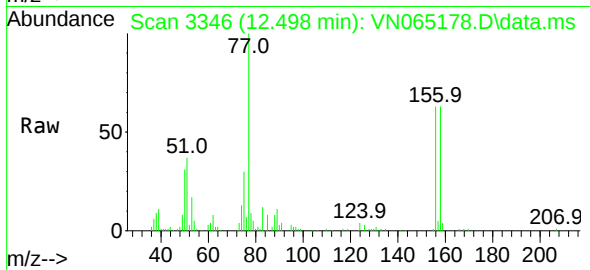




#73  
Bromobenzene  
Concen: 19.02 ug/l  
RT: 12.498 min Scan# 3346  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

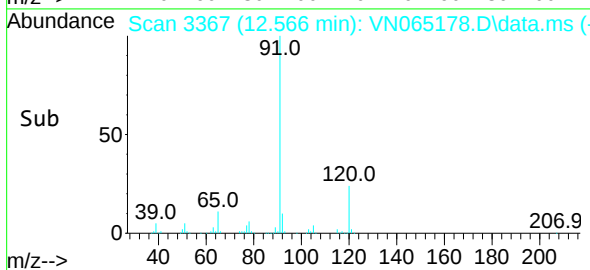
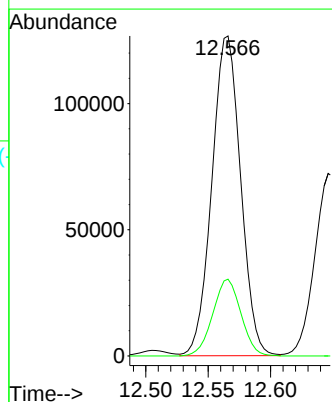
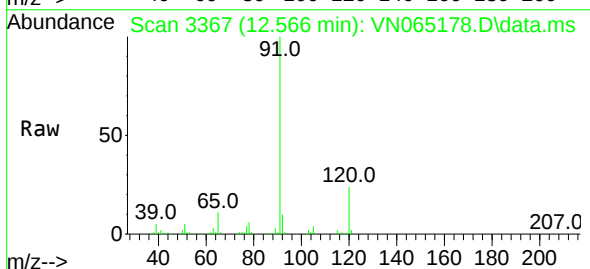
Instrument :  
MSVOA\_N  
ClientSampleId :

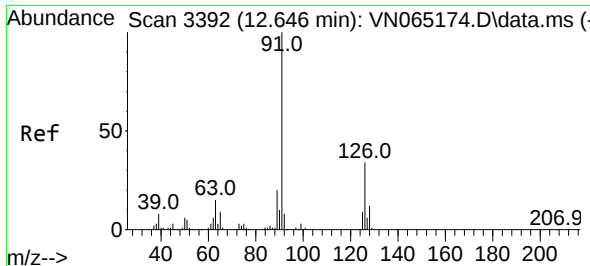
Tgt Ion:156 Resp: 46385  
Ion Ratio Lower Upper  
156 100  
77 192.6 0.0 480.2  
158 98.6 0.0 194.0



#74  
n-propylbenzene  
Concen: 19.17 ug/l  
RT: 12.566 min Scan# 3367  
Delta R.T. 0.003 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 91 Resp: 203686  
Ion Ratio Lower Upper  
91 100  
120 23.5 0.0 42.8

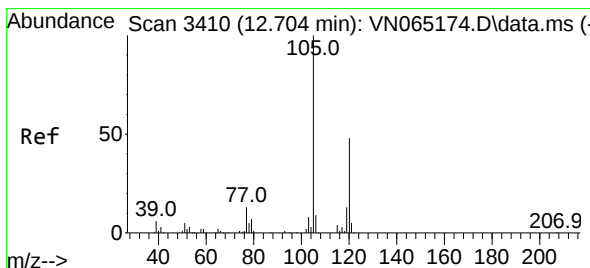
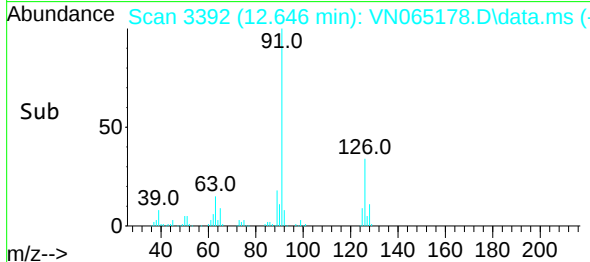
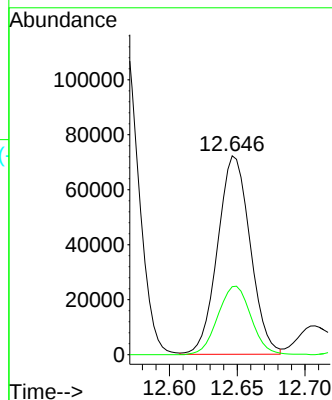
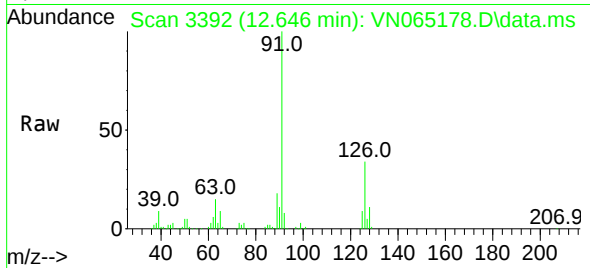




#75  
2-Chlorotoluene  
Concen: 19.20 ug/l  
RT: 12.646 min Scan# 3392  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

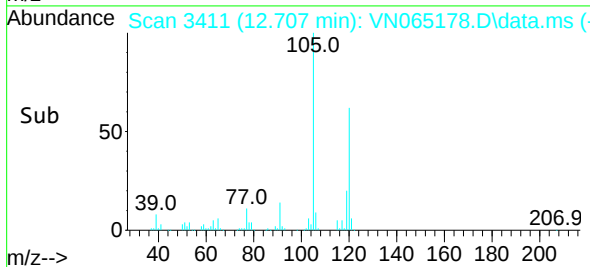
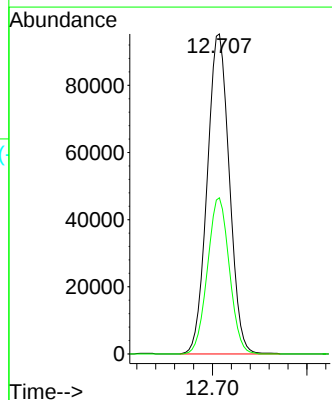
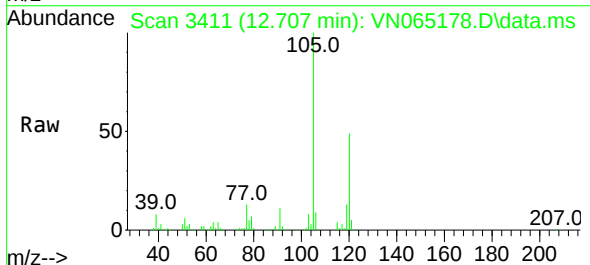
Instrument :  
MSVOA\_N  
ClientSampled :

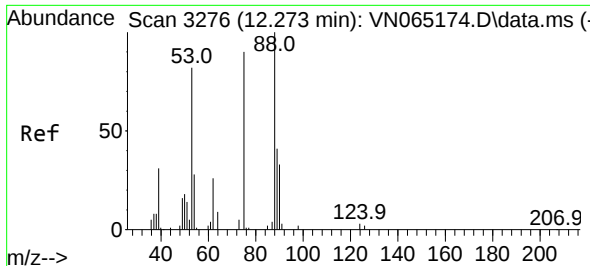
Tgt Ion: 91 Resp: 120731  
Ion Ratio Lower Upper  
91 100  
126 35.2 0.0 61.8



#76  
1,3,5-Trimethylbenzene  
Concen: 19.40 ug/l  
RT: 12.707 min Scan# 3411  
Delta R.T. 0.003 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 105 Resp: 154877  
Ion Ratio Lower Upper  
105 100  
120 48.2 0.0 90.4

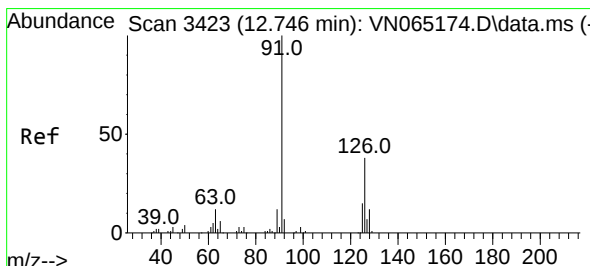
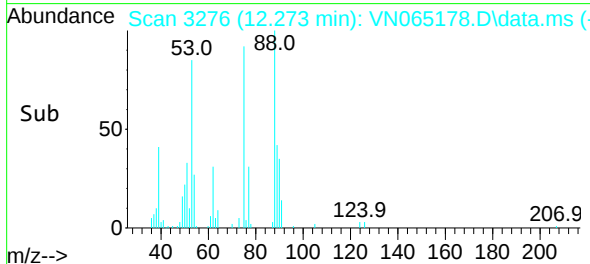
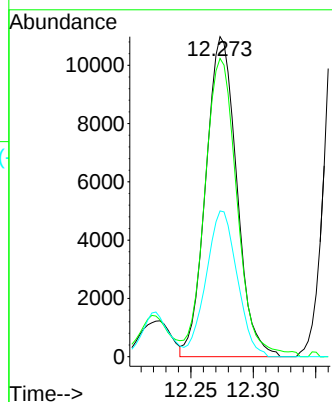
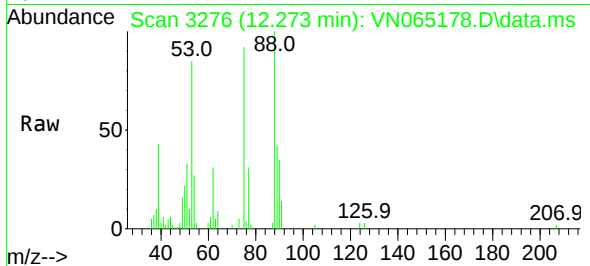




#77  
t-1,4-Dichloro-2-butene  
Concen: 18.70 ug/l  
RT: 12.273 min Scan# 3276  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

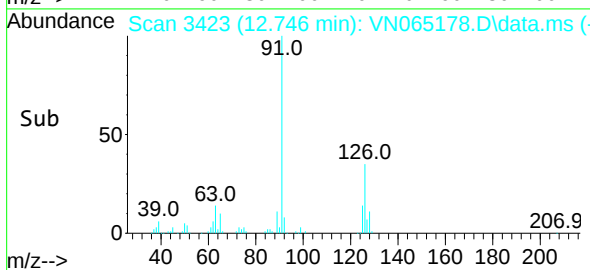
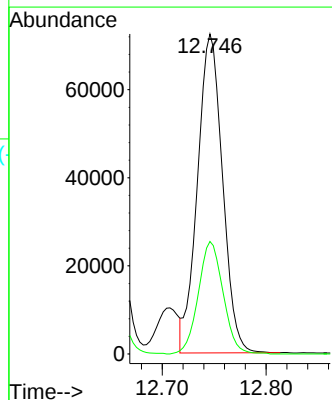
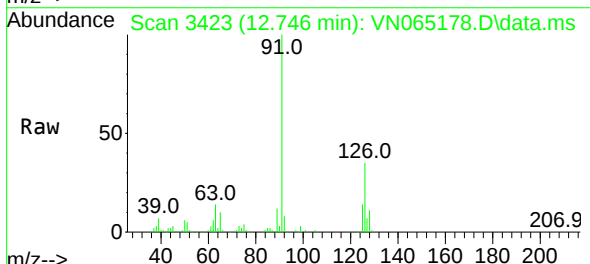
Instrument :  
MSVOA\_N  
ClientSampled :

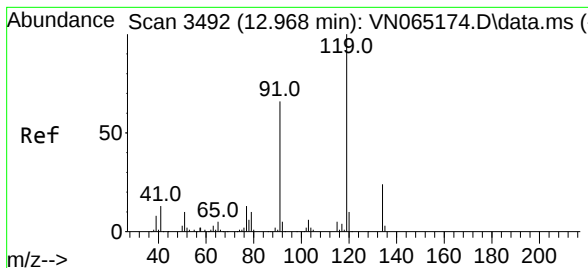
Tgt Ion: 75 Resp: 18954  
Ion Ratio Lower Upper  
75 100  
53 91.3 50.3 150.9  
89 45.5 23.3 69.8



#78  
4-Chlorotoluene  
Concen: 18.99 ug/l  
RT: 12.746 min Scan# 3423  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 91 Resp: 121016  
Ion Ratio Lower Upper  
91 100  
126 34.9 0.0 61.8

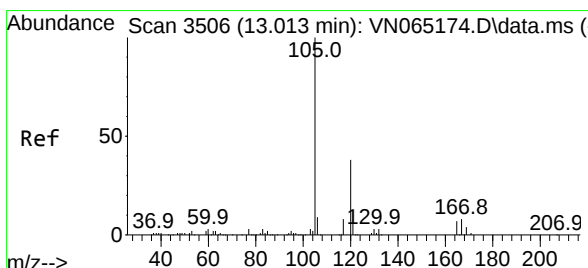
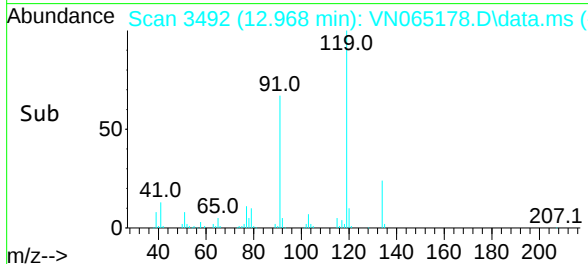
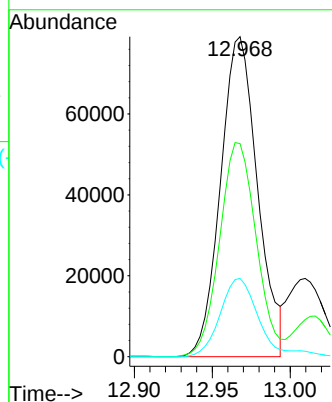
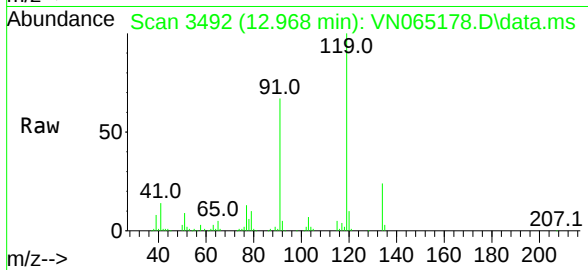




#79  
tert-butylbenzene  
Concen: 19.18 ug/l  
RT: 12.968 min Scan# 3492  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

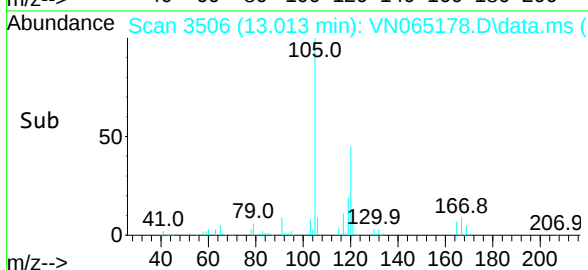
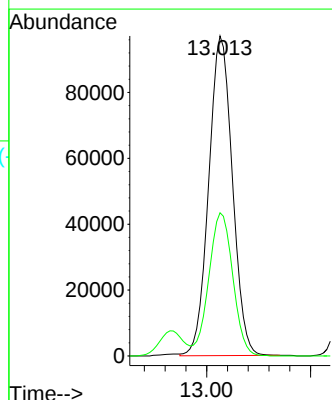
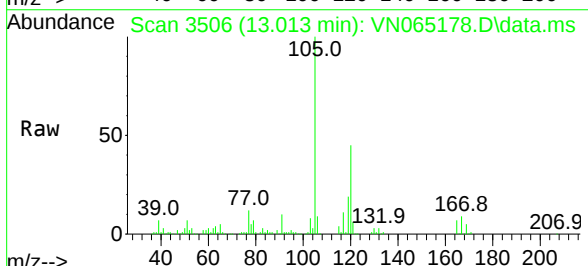
Instrument :  
MSVOA\_N  
ClientSampled :

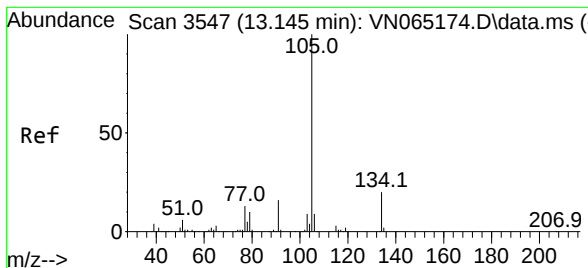
Tgt Ion:119 Resp: 130584  
Ion Ratio Lower Upper  
119 100  
91 66.8 0.0 147.8  
134 24.6 0.0 50.6



#80  
1,2,4-Trimethylbenzene  
Concen: 19.41 ug/l  
RT: 13.013 min Scan# 3506  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion:105 Resp: 153276  
Ion Ratio Lower Upper  
105 100  
120 45.6 0.0 88.6

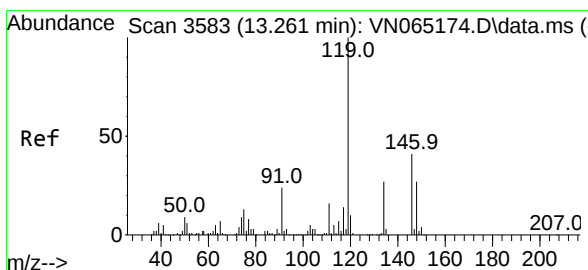
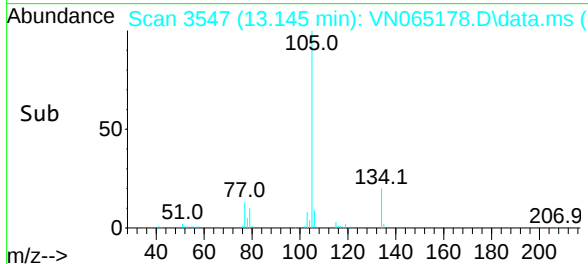
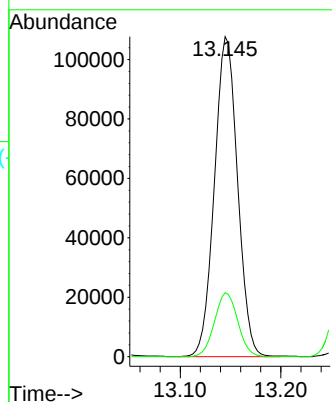
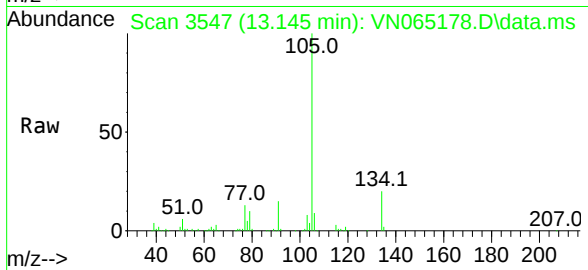




#81  
 sec-Butylbenzene  
 Concen: 19.27 ug/l  
 RT: 13.145 min Scan# 3547  
 Delta R.T. -0.000 min  
 Lab File: VN065178.D  
 Acq: 21 Dec 2020 13:53

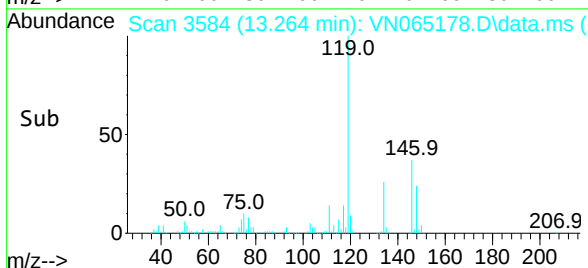
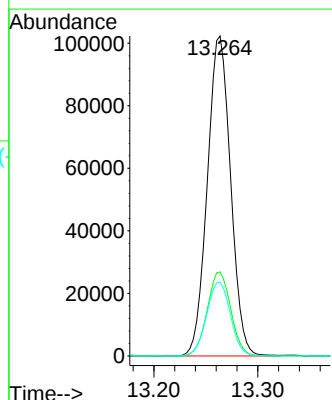
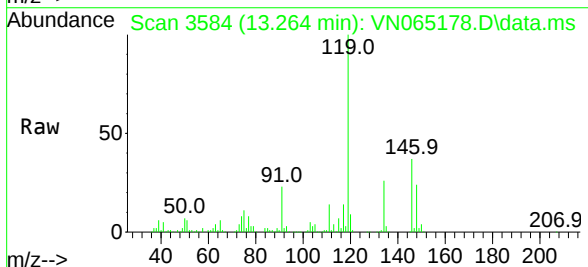
Instrument :  
 MSVOA\_N  
 ClientSampled :

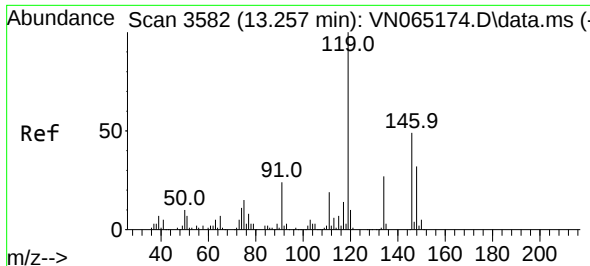
Tgt Ion:105 Resp: 172207  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 0.0 37.8



#82  
 p-Isopropyltoluene  
 Concen: 19.27 ug/l  
 RT: 13.264 min Scan# 3584  
 Delta R.T. 0.003 min  
 Lab File: VN065178.D  
 Acq: 21 Dec 2020 13:53

Tgt Ion:119 Resp: 158972  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 0.0 53.0  
 91 23.7 0.0 53.2

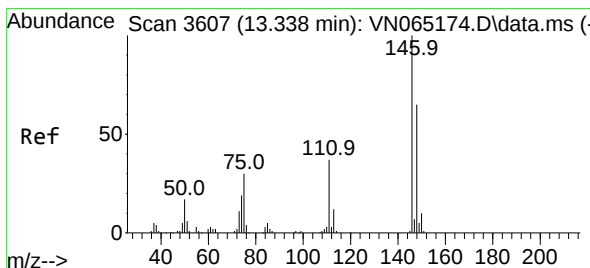
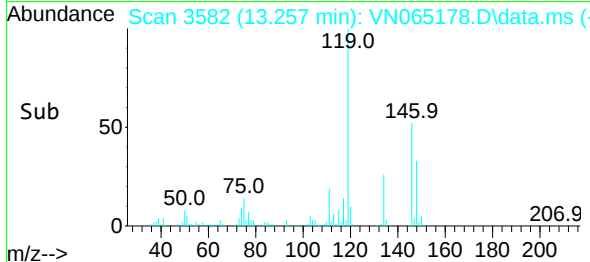
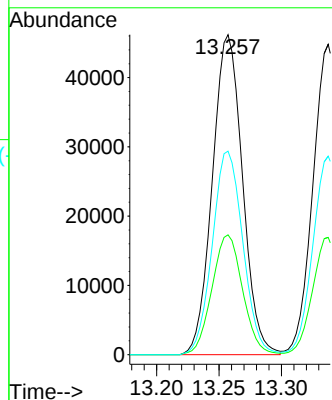
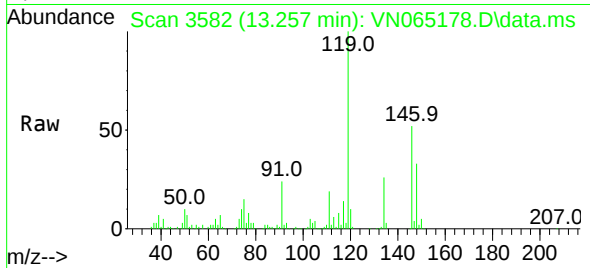




#83  
1,3-Dichlorobenzene  
Concen: 19.23 ug/l  
RT: 13.257 min Scan# 3582  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

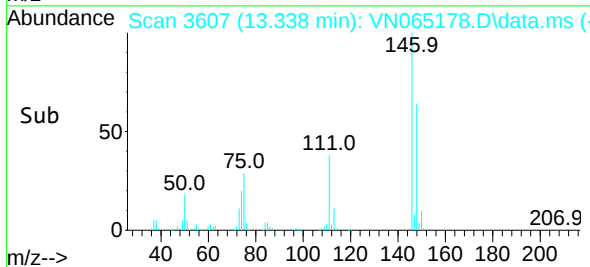
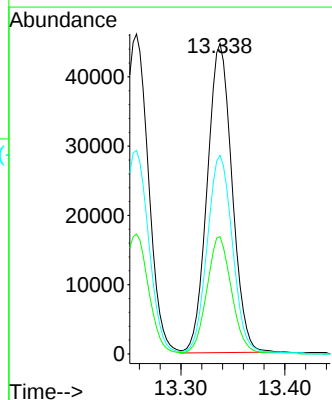
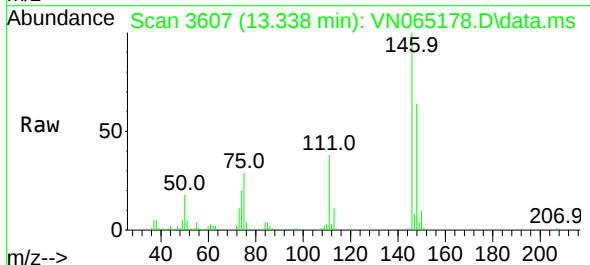
Instrument :  
MSVOA\_N  
ClientSampleId :

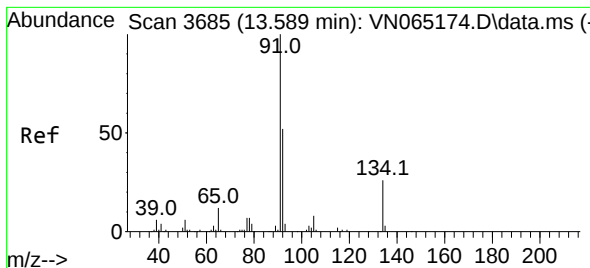
Tgt Ion:146 Resp: 77709  
Ion Ratio Lower Upper  
146 100  
111 38.2 22.3 66.9  
148 64.6 31.8 95.3



#84  
1,4-Dichlorobenzene  
Concen: 18.38 ug/l  
RT: 13.338 min Scan# 3607  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion:146 Resp: 73995  
Ion Ratio Lower Upper  
146 100  
111 36.9 21.8 65.4  
148 66.2 31.5 94.5

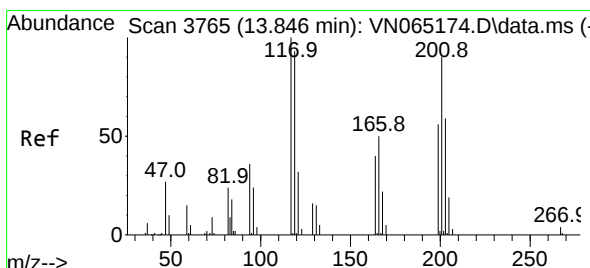
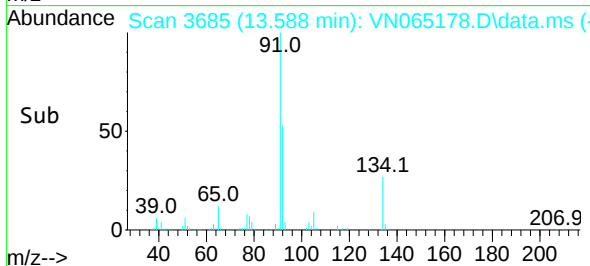
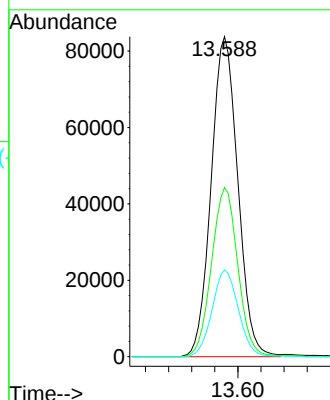
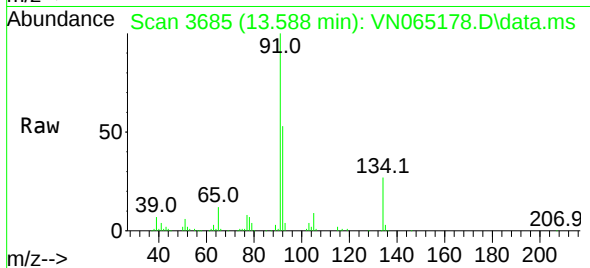




#85  
n-Butylbenzene  
Concen: 18.98 ug/l  
RT: 13.588 min Scan# 3685  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

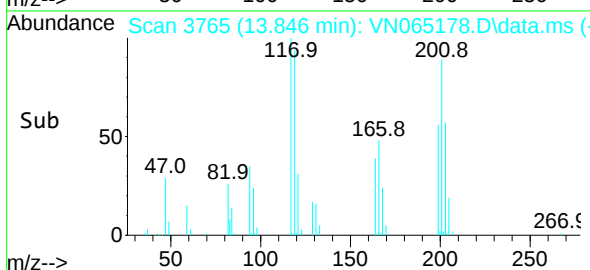
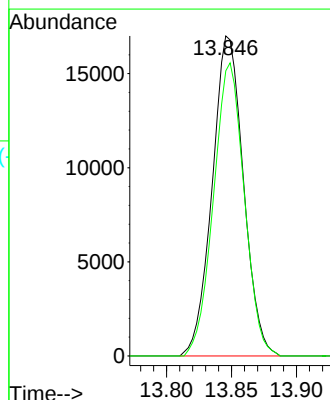
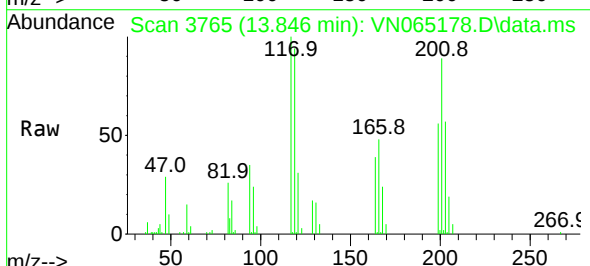
Instrument :  
MSVOA\_N  
ClientSampleId :

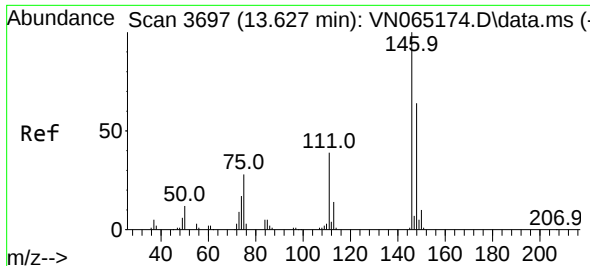
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 134081 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 52.2  | 0.0   | 101.4  |
| 134      | 26.7  | 0.0   | 45.2   |



#86  
Hexachloroethane  
Concen: 18.96 ug/l  
RT: 13.846 min Scan# 3765  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 28395 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 90.0  | 33.1  | 99.3  |

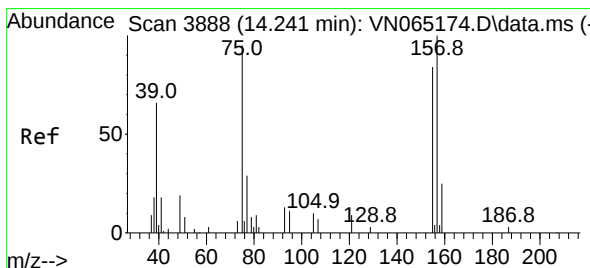
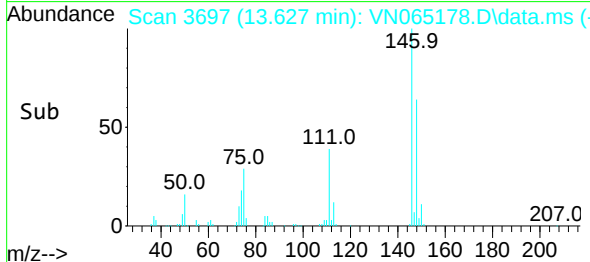
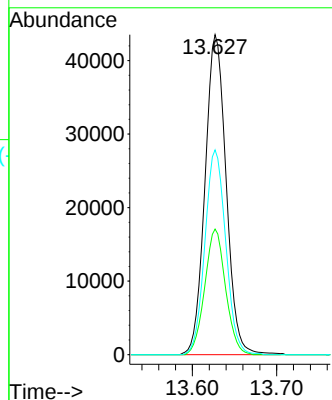
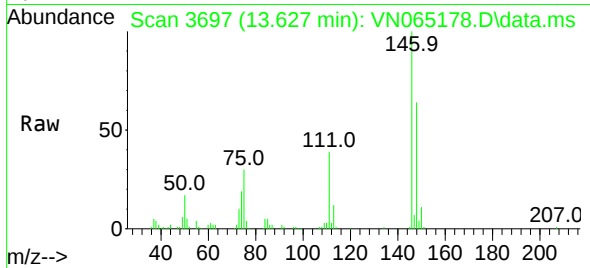




#87  
1,2-Dichlorobenzene  
Concen: 19.40 ug/l  
RT: 13.627 min Scan# 3697  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

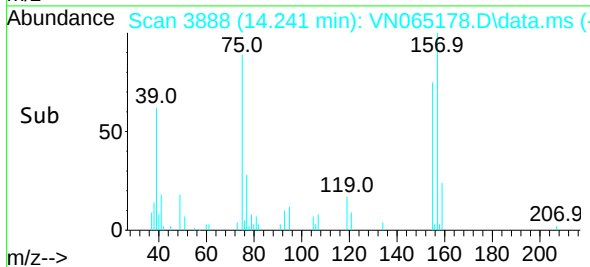
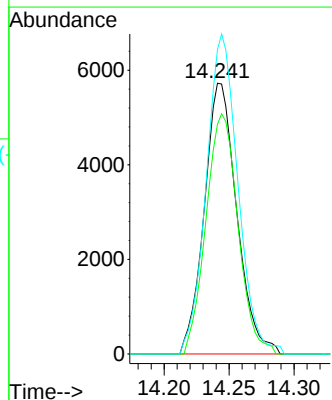
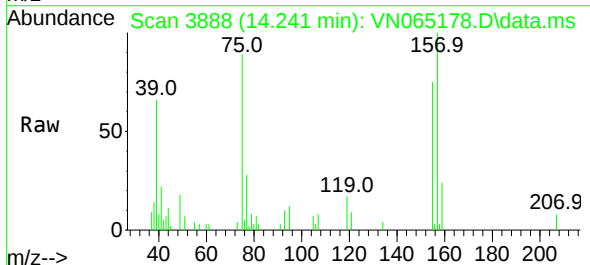
Instrument :  
MSVOA\_N  
ClientSampled :

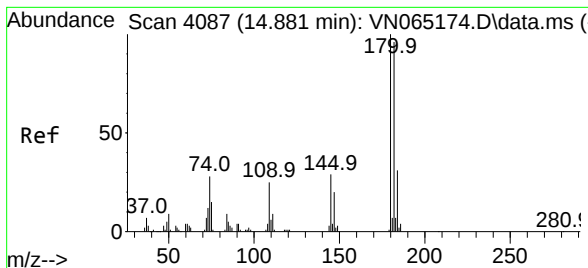
Tgt Ion:146 Resp: 75961  
Ion Ratio Lower Upper  
146 100  
111 38.7 23.1 69.2  
148 63.1 32.6 97.8



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 18.81 ug/l  
RT: 14.241 min Scan# 3888  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion: 75 Resp: 9965  
Ion Ratio Lower Upper  
75 100  
155 87.2 56.5 84.7#  
157 114.6 69.7 104.5#

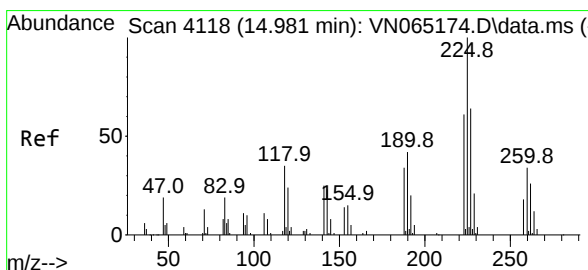
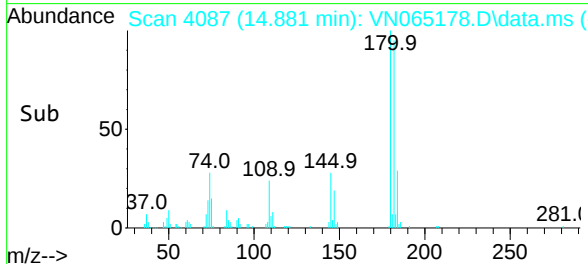
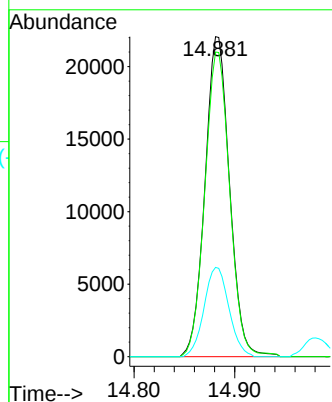
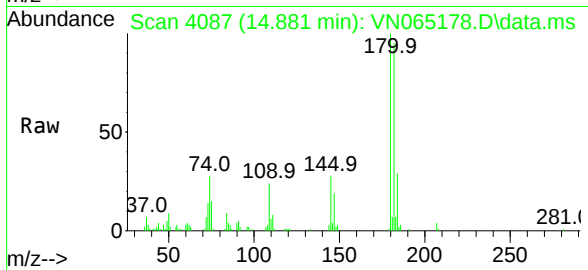




#89  
1,2,4-Trichlorobenzene  
Concen: 17.82 ug/l  
RT: 14.881 min Scan# 4087  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

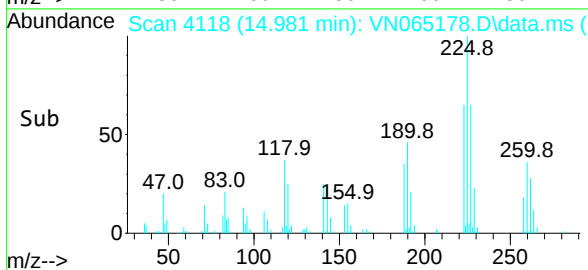
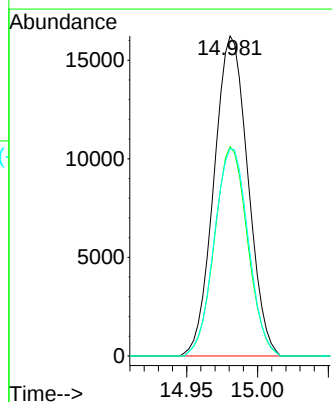
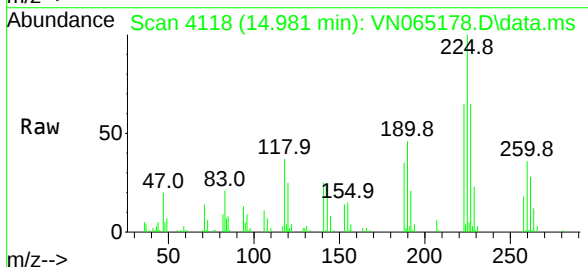
Instrument :  
MSVOA\_N  
ClientSampleId :

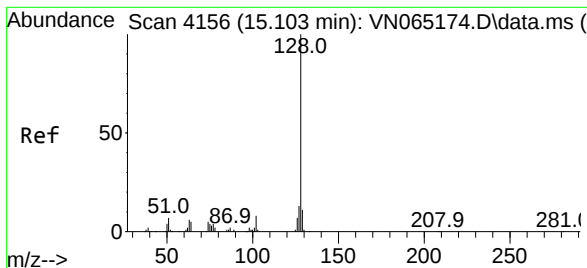
Tgt Ion:180 Resp: 37439  
Ion Ratio Lower Upper  
180 100  
182 95.8 79.4 119.0  
145 28.2 27.6 41.4



#90  
Hexachlorobutadiene  
Concen: 19.43 ug/l  
RT: 14.981 min Scan# 4118  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion:225 Resp: 27030  
Ion Ratio Lower Upper  
225 100  
223 63.7 0.0 125.4  
227 64.9 0.0 122.0

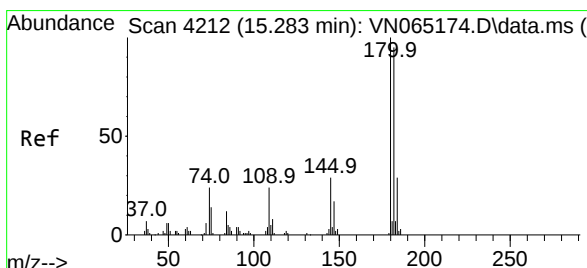
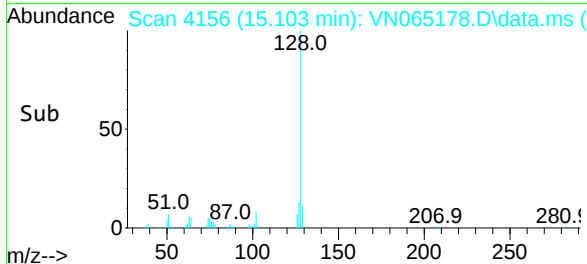
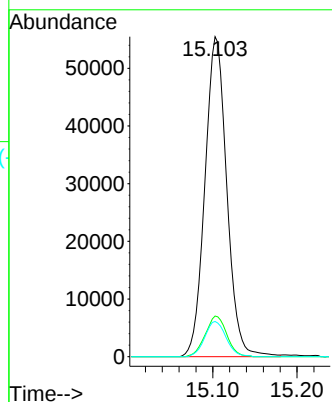
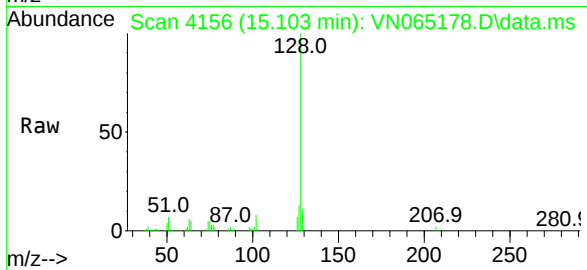




#91  
Naphthalene  
Concen: 17.86 ug/l  
RT: 15.103 min Scan# 4156  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 100341  
Ion Ratio Lower Upper  
128 100  
127 12.5 10.2 15.4  
129 10.8 8.5 12.7



#92  
1,2,3-Trichlorobenzene  
Concen: 18.01 ug/l  
RT: 15.283 min Scan# 4212  
Delta R.T. -0.000 min  
Lab File: VN065178.D  
Acq: 21 Dec 2020 13:53

Tgt Ion:180 Resp: 35535  
Ion Ratio Lower Upper  
180 100  
182 95.0 0.0 186.0  
145 30.2 0.0 69.6

