

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011422\  
 Data File : VN070628.D  
 Acq On : 14 Jan 2022 17:20  
 Operator : JC/MD  
 Sample : N1141-05  
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jan 17 05:40:16 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 27 18:47:12 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.078  | 168  | 772845   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.963  | 114  | 1270908  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.746 | 117  | 1045384  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.675 | 152  | 509950   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.432  | 65    | 665043   | 59.849   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 119.700% |      |
| 35) Dibromofluoromethane    | 8.016  | 113   | 466032   | 60.605   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 121.220% |      |
| 50) Toluene-d8              | 10.443 | 98    | 1793880  | 57.106   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 114.220% |      |
| 62) 4-Bromofluorobenzene    | 12.733 | 95    | 735176   | 64.798   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 129.600% |      |

|                               |        |     |          |          |        |    |
|-------------------------------|--------|-----|----------|----------|--------|----|
| Target Compounds              |        |     |          | Qvalue   |        |    |
| 3) Chloromethane              | 2.292  | 50  | 2489     | 0.209    | ug/l   | 97 |
| 11) Tert butyl alcohol        | 5.414  | 59  | 587      | 0.317    | ug/l # | 71 |
| 13) Acrolein                  | 4.025  | 56  | 630      | 0.420    | ug/l # | 1  |
| 16) Acetone                   | 4.304  | 43  | 15979637 | 2215.258 | ug/l   | 97 |
| 18) Methyl Acetate            | 4.862  | 43  | 55767    | 2.673    | ug/l   | 91 |
| 19) Methyl tert-butyl Ether   | 5.613  | 73  | 7807     | 0.267    | ug/l # | 60 |
| 20) Methylene Chloride        | 5.058  | 84  | 6153     | 0.617    | ug/l # | 90 |
| 25) 2-Butanone                | 7.351  | 43  | 177194   | 19.509   | ug/l   | 90 |
| 28) Bromochloromethane        | 7.812  | 49  | 12670    | 1.437    | ug/l # | 9  |
| 29) Tetrahydrofuran           | 7.705  | 42  | 11144    | 2.056    | ug/l # | 60 |
| 30) Chloroform                | 7.812  | 83  | 153261   | 8.815    | ug/l # | 66 |
| 31) Cyclohexane               | 8.053  | 56  | 1089584  | 62.137   | ug/l # | 40 |
| 36) 1,1-Dichloropropene       | 8.078  | 75  | 61479    | 4.833    | ug/l # | 48 |
| 37) Ethyl Acetate             | 7.351  | 43  | 177194   | 10.746   | ug/l # | 68 |
| 38) Carbon Tetrachloride      | 8.078  | 117 | 73196    | 6.026    | ug/l # | 16 |
| 39) Methylcyclohexane         | 9.453  | 83  | 578636   | 37.573   | ug/l # | 86 |
| 40) Benzene                   | 8.450  | 78  | 12012    | 0.308    | ug/l   | 92 |
| 41) Methacrylonitrile         | 7.699  | 41  | 4971     | 0.603    | ug/l # | 41 |
| 42) 1,2-Dichloroethane        | 8.536  | 62  | 3733     | 0.255    | ug/l # | 76 |
| 43) Isopropyl Acetate         | 8.544  | 43  | 645807   | 24.842   | ug/l # | 55 |
| 47) Bromodichloromethane      | 9.762  | 83  | 14167    | 1.093    | ug/l # | 83 |
| 48) Methyl methacrylate       | 9.566  | 41  | 32146    | 2.592    | ug/l # | 82 |
| 51) 4-Methyl-2-Pentanone      | 10.344 | 43  | 34652    | 2.121    | ug/l   | 97 |
| 53) t-1,3-Dichloropropene     | 10.505 | 75  | 491208   | 34.998   | ug/l # | 1  |
| 55) 1,1,2-Trichloroethane     | 10.877 | 97  | 16557    | 1.773    | ug/l # | 19 |
| 58) 2-Chloroethyl Vinyl ether | 10.043 | 63  | 1421     | 18.847   | ug/l # | 45 |
| 59) 2-Hexanone                | 11.092 | 43  | 3445     | 0.289    | ug/l # | 56 |
| 67) Ethyl Benzene             | 11.846 | 91  | 134710   | 3.315    | ug/l   | 97 |
| 68) m/p-Xylenes               | 11.950 | 106 | 177219   | 11.980   | ug/l   | 93 |
| 69) o-Xylene                  | 12.283 | 106 | 64725    | 4.399    | ug/l   | 89 |
| 70) Styrene                   | 12.288 | 104 | 4712     | 0.202    | ug/l # | 1  |
| 71) Bromoform                 | 12.739 | 173 | 1573     | 0.268    | ug/l # | 1  |
| 73) Isopropylbenzene          | 12.578 | 105 | 21418    | 0.452    | ug/l   | 97 |
| 74) N-amyl acetate            | 12.366 | 43  | 42371    | 2.128    | ug/l # | 53 |
| 75) 1,1,2,2-Tetrachloroethane | 12.766 | 83  | 1783     | 0.550    | ug/l # | 25 |
| 76) 1,2,3-Trichloropropane    | 12.733 | 75  | 382404   | 26.679   | ug/l # | 1  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011422\  
 Data File : VN070628.D  
 Acq On : 14 Jan 2022 17:20  
 Operator : JC/MD  
 Sample : N1141-05  
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jan 17 05:40:16 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 27 18:47:12 2021  
 Response via : Initial Calibration

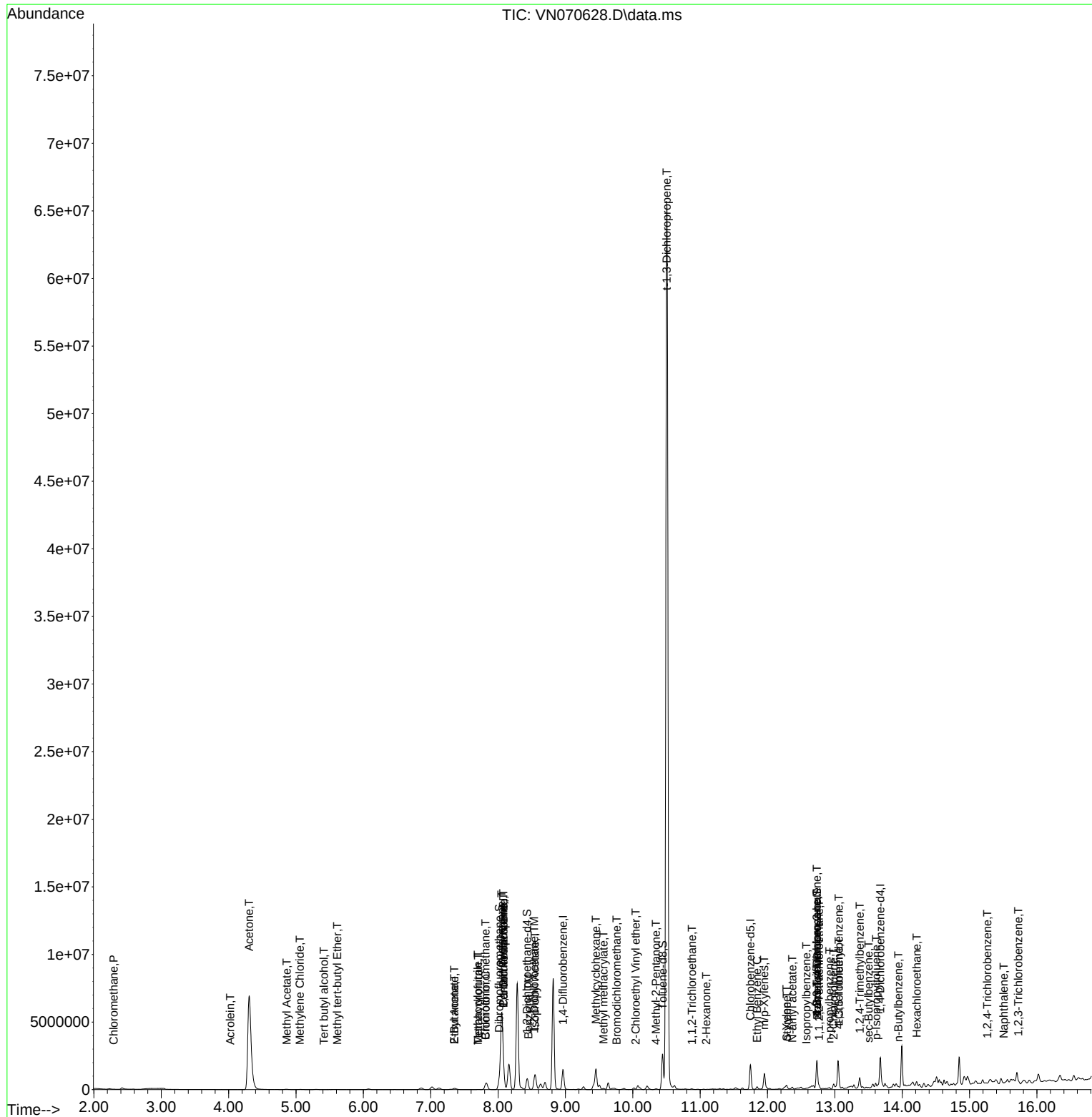
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 78) n-propylbenzene           | 12.921 | 91   | 80344    | 1.531  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.980 | 91   | 24744    | 0.735  | ug/l # | 39       |
| 80) 1,3,5-Trimethylbenzene    | 13.058 | 105  | 174927   | 4.610  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.733 | 75   | 382404   | 91.619 | ug/l # | 5        |
| 82) 4-Chlorotoluene           | 13.061 | 91   | 18127    | 0.575  | ug/l # | 38       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 461557   | 12.631 | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.500 | 105  | 25149    | 0.554  | ug/l # | 75       |
| 86) p-Isopropyltoluene        | 13.613 | 119  | 22370    | 0.628  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.943 | 91   | 42520    | 1.430  | ug/l # | 70       |
| 90) Hexachloroethane          | 14.217 | 117  | 13033    | 2.105  | ug/l # | 6        |
| 93) 1,2,4-Trichlorobenzene    | 15.262 | 180  | 2084     | 0.248  | ug/l # | 1        |
| 95) Naphthalene               | 15.507 | 128  | 50307    | 3.884  | ug/l # | 86       |
| 96) 1,2,3-Trichlorobenzene    | 15.724 | 180  | 6288     | 1.595  | ug/l # | 12       |
| -----                         |        |      |          |        |        |          |

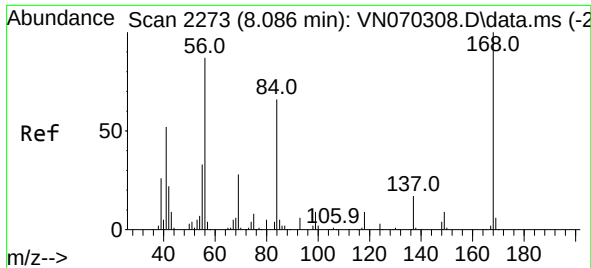
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011422\  
Data File : VN070628.D  
Acq On : 14 Jan 2022 17:20  
Operator : JC/MD  
Sample : N1141-05  
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

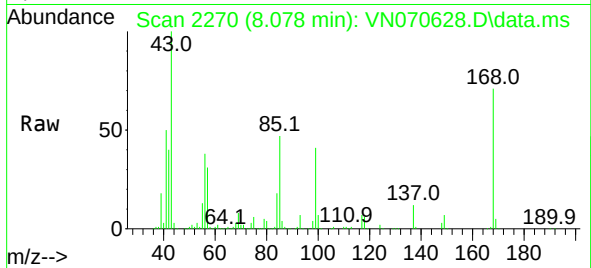
Quant Time: Jan 17 05:40:16 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
Quant Title : SW846 8260  
QLast Update : Mon Dec 27 18:47:12 2021  
Response via : Initial Calibration



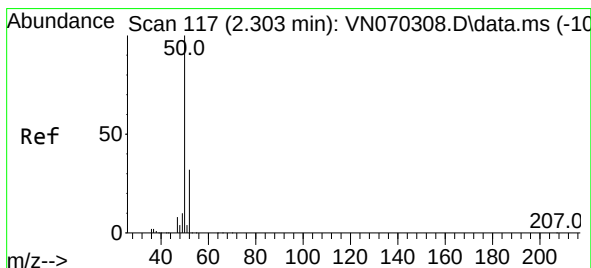
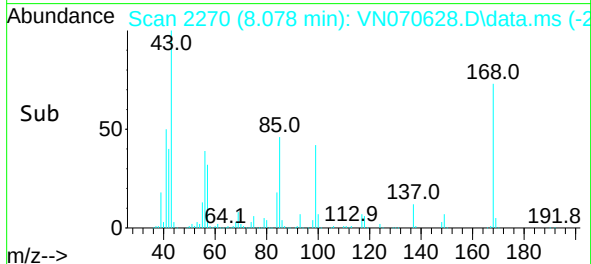
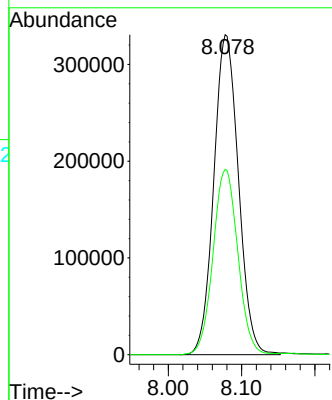


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.078 min Scan# 21  
Delta R.T. -0.008 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

Instrument :  
MSVOA\_N  
ClientSampleId :

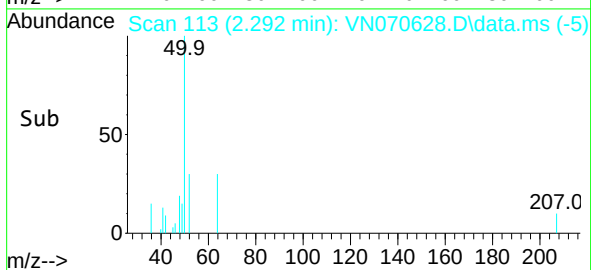
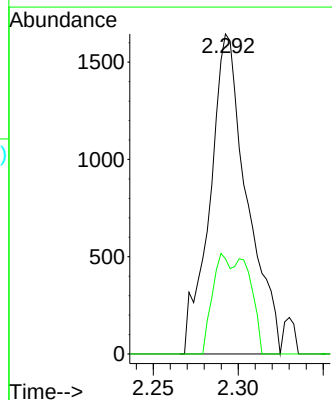
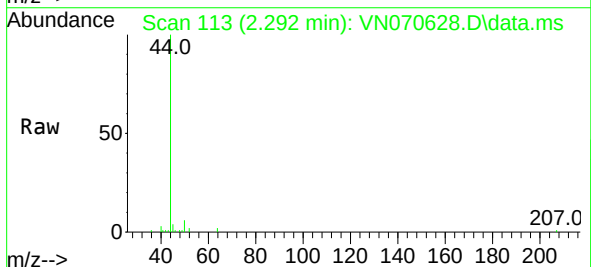


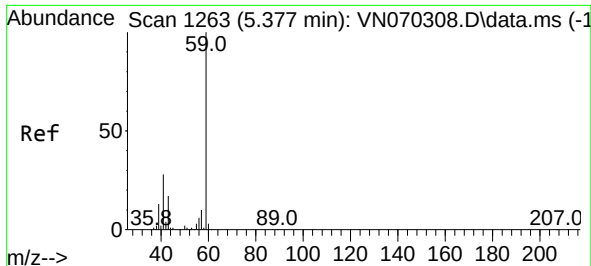
Tgt Ion:168 Resp: 772845  
Ion Ratio Lower Upper  
168 100  
99 57.9 41.3 61.9



#3  
Chloromethane  
Concen: 0.209 ug/l  
RT: 2.292 min Scan# 113  
Delta R.T. -0.011 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

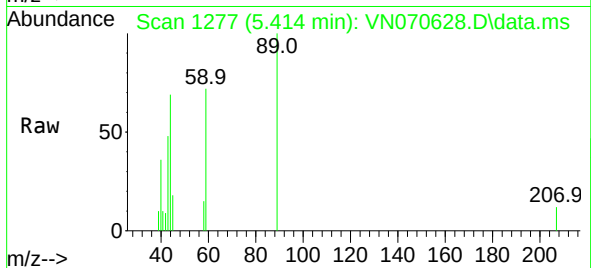
Tgt Ion: 50 Resp: 2489  
Ion Ratio Lower Upper  
50 100  
52 29.8 25.4 38.0



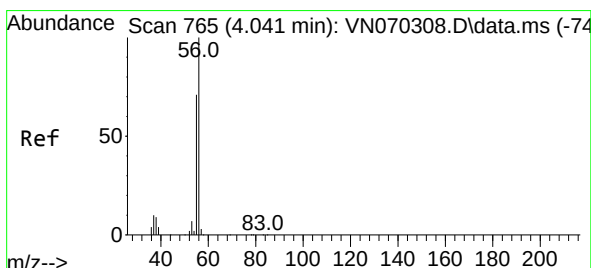
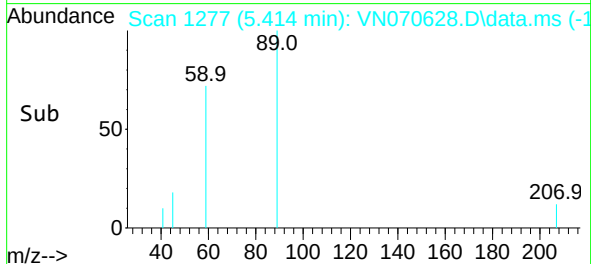
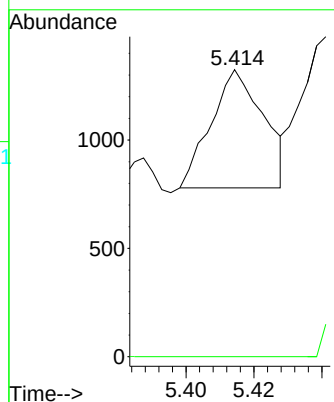


#11  
Tert butyl alcohol  
Concen: 0.317 ug/l  
RT: 5.414 min Scan# 11  
Delta R.T. 0.037 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

Instrument :  
MSVOA\_N  
ClientSampleId :

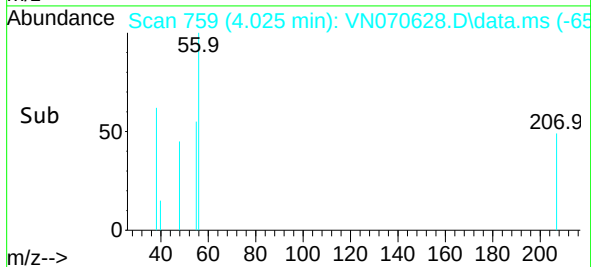
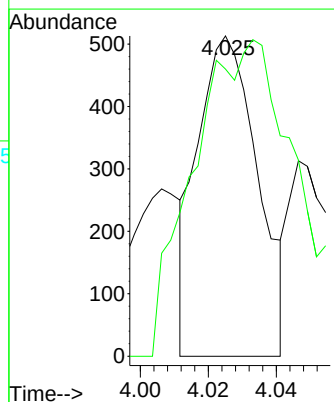
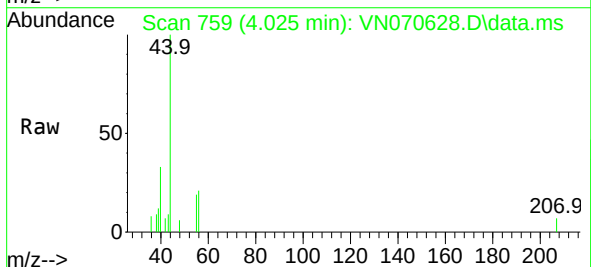


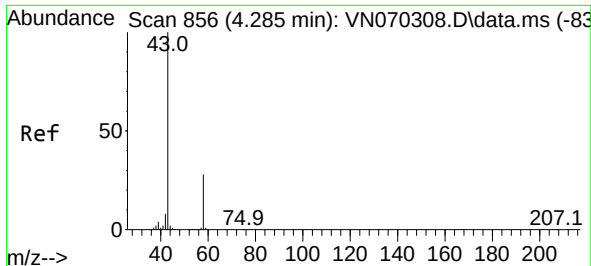
Tgt Ion: 59 Resp: 587  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.7 13.1#



#13  
Acrolein  
Concen: 0.420 ug/l  
RT: 4.025 min Scan# 759  
Delta R.T. -0.016 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

Tgt Ion: 56 Resp: 630  
Ion Ratio Lower Upper  
56 100  
55 173.2 56.6 85.0#

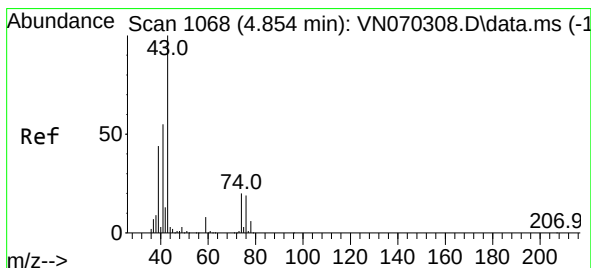
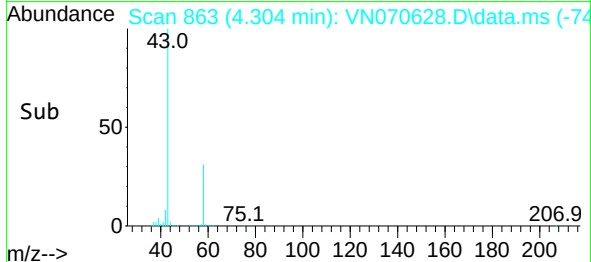
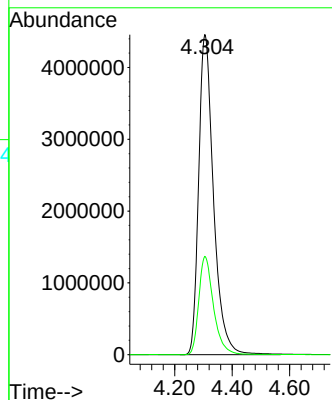
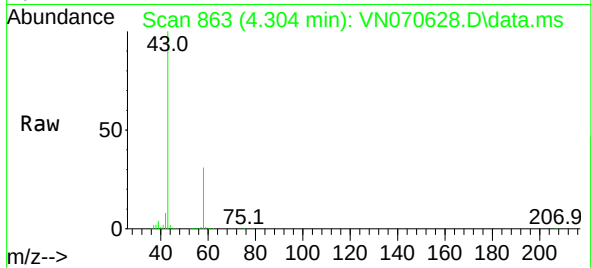




#16  
Acetone  
Concen: 2215.258 ug/l  
RT: 4.304 min Scan# 80  
Delta R.T. 0.019 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

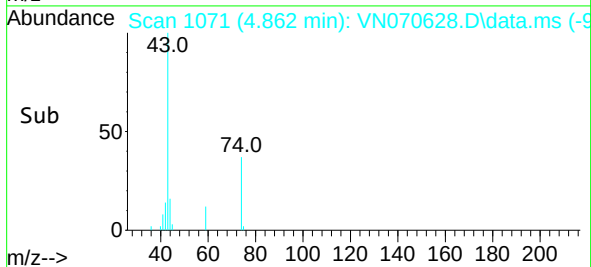
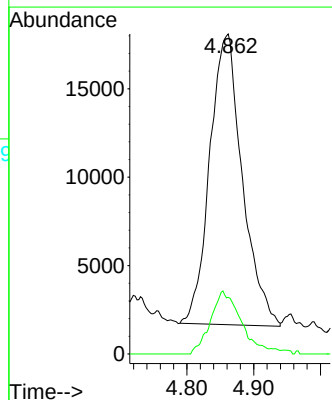
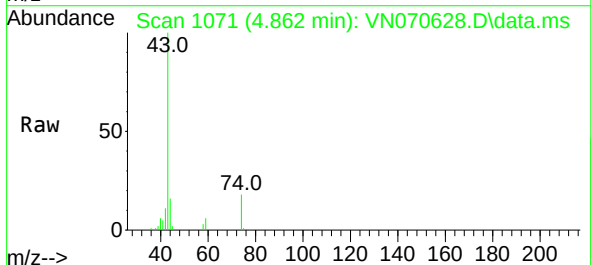
Instrument :  
MSVOA\_N  
ClientSampleId :

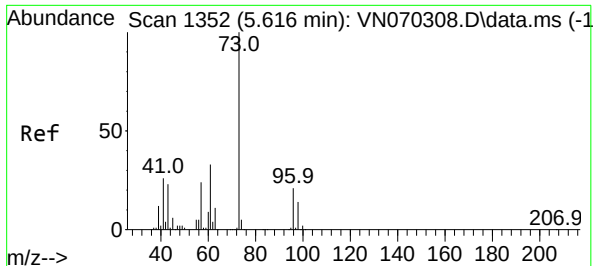
Tgt Ion: 43 Resp:15979637  
Ion Ratio Lower Upper  
43 100  
58 30.7 23.1 34.7



#18  
Methyl Acetate  
Concen: 2.673 ug/l  
RT: 4.862 min Scan# 1071  
Delta R.T. 0.008 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

Tgt Ion: 43 Resp: 55767  
Ion Ratio Lower Upper  
43 100  
74 20.1 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 0.267 ug/l

RT: 5.613 min Scan# 1144

Delta R.T. -0.003 min

Lab File: VN070628.D

Acq: 14 Jan 2022 17:20

Instrument :

MSVOA\_N

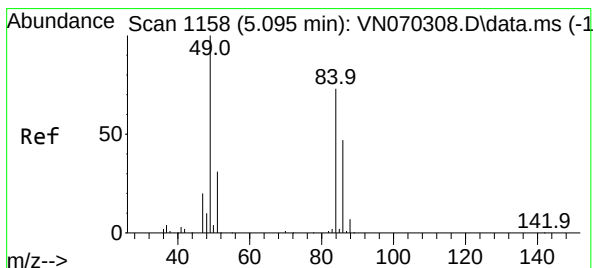
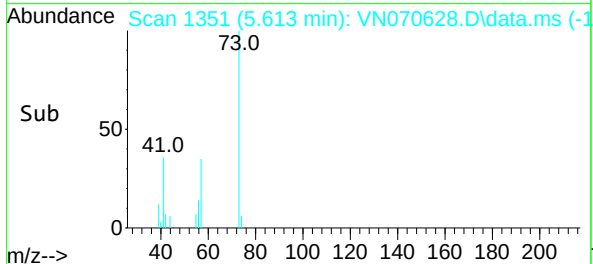
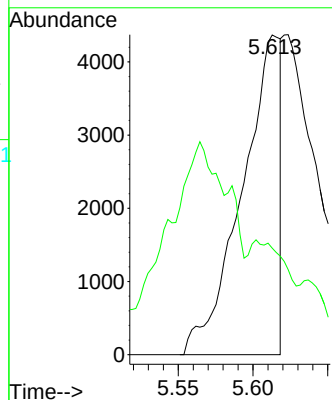
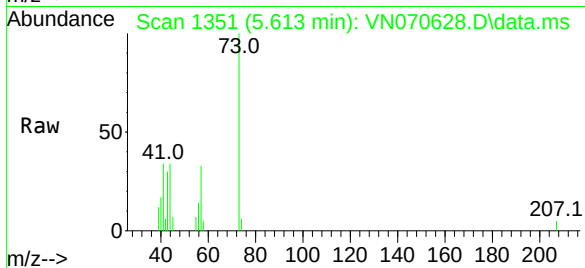
ClientSampleId :

Tgt Ion: 73 Resp: 7807

Ion Ratio Lower Upper

73 100

57 2.5 16.8 25.2#



#20

Methylene Chloride

Concen: 0.617 ug/l

RT: 5.058 min Scan# 1144

Delta R.T. -0.037 min

Lab File: VN070628.D

Acq: 14 Jan 2022 17:20

Tgt Ion: 84 Resp: 6153

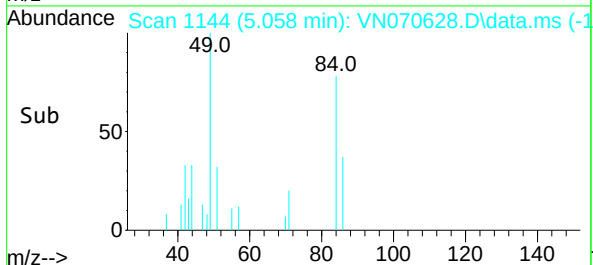
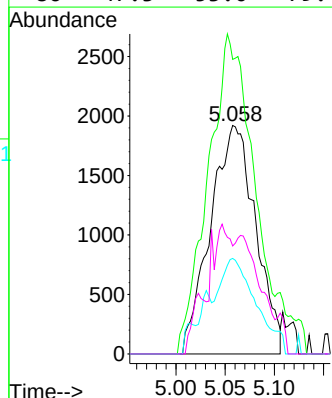
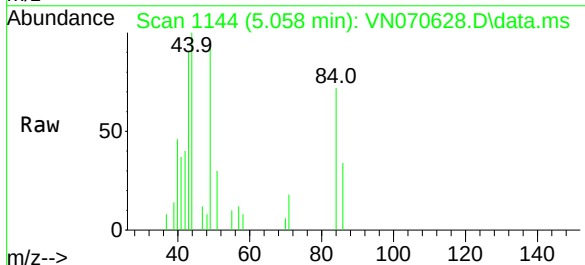
Ion Ratio Lower Upper

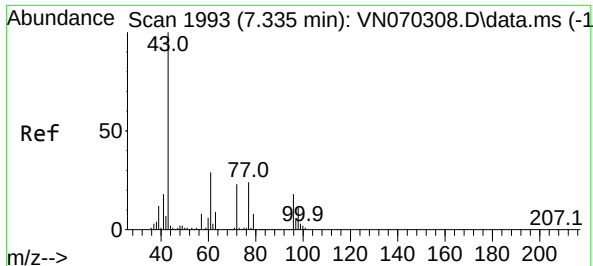
84 100

49 120.4 93.5 140.3

51 41.8 29.4 44.2

86 47.3 53.0 79.4#





#25

2-Butanone

Concen: 19.509 ug/l

RT: 7.351 min Scan# 1999

Delta R.T. 0.016 min

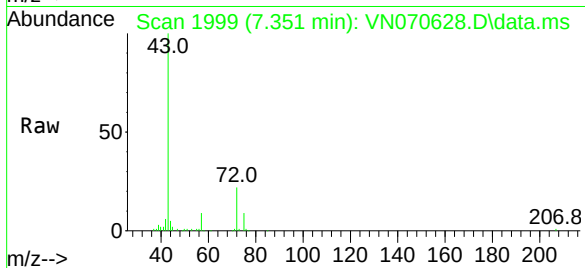
Lab File: VN070628.D

Acq: 14 Jan 2022 17:20

Instrument :

MSVOA\_N

ClientSampleId :

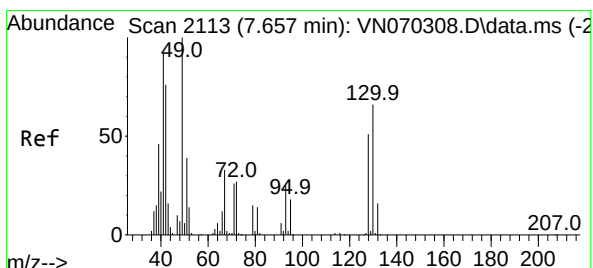
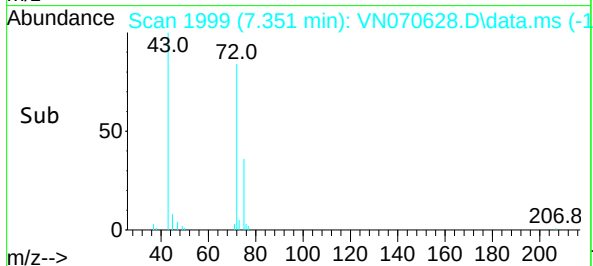
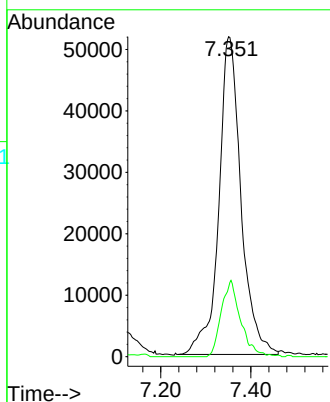


Tgt Ion: 43 Resp: 177194

Ion Ratio Lower Upper

43 100

72 21.8 21.7 32.5



#28

Bromochloromethane

Concen: 1.437 ug/l

RT: 7.812 min Scan# 2171

Delta R.T. 0.155 min

Lab File: VN070628.D

Acq: 14 Jan 2022 17:20

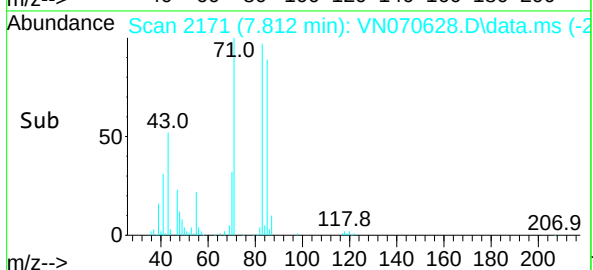
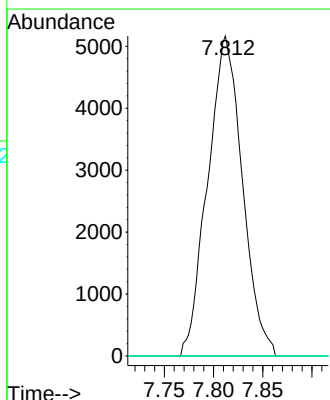
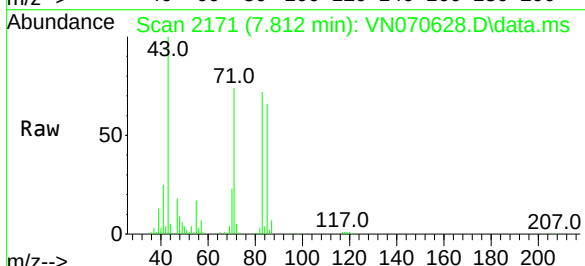
Tgt Ion: 49 Resp: 12670

Ion Ratio Lower Upper

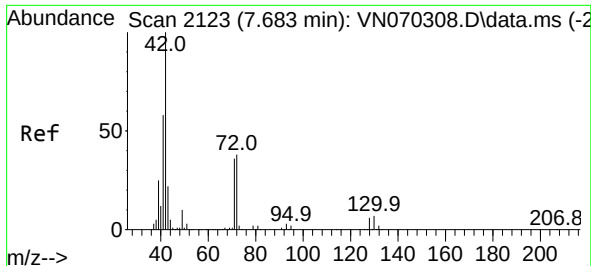
49 100

129 0.0 0.0 4.0

130 0.0 67.8 101.8#







#29

Tetrahydrofuran

Concen: 2.056 ug/l

RT: 7.705 min Scan# 2114

Delta R.T. 0.022 min MSVOA\_N

Lab File: VN070628.D

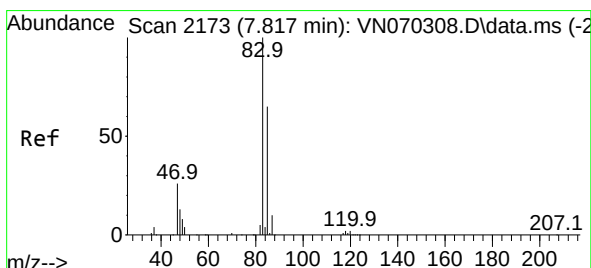
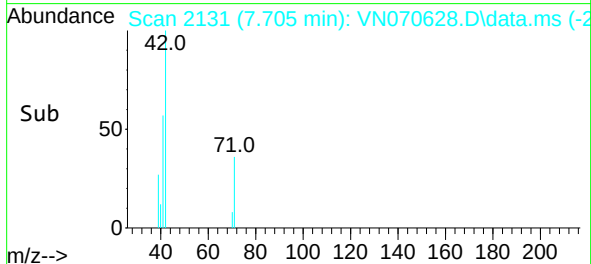
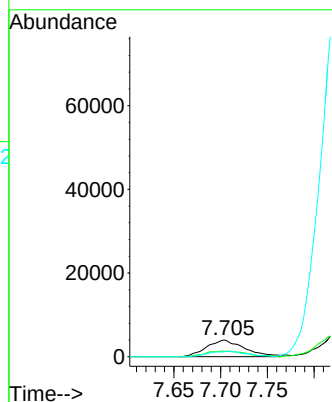
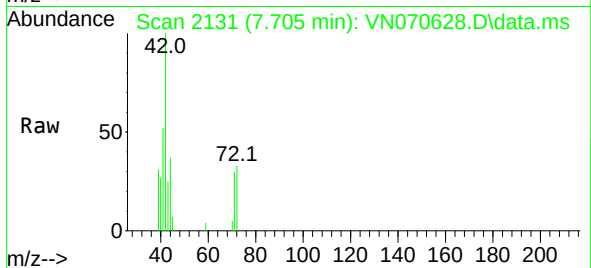
Acq: 14 Jan 2022 17:20

Instrument :

MSVOA\_N

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 11144 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 72        | 36.0  | 36.3  | 54.5# |
| 71        | 0.0   | 34.7  | 52.1# |



#30

Chloroform

Concen: 8.815 ug/l

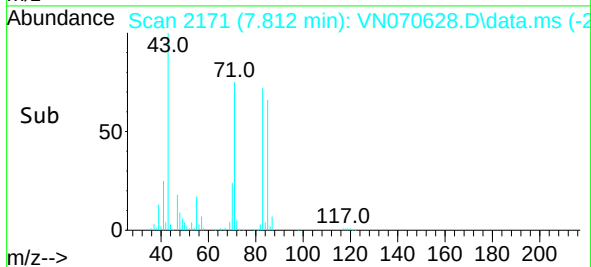
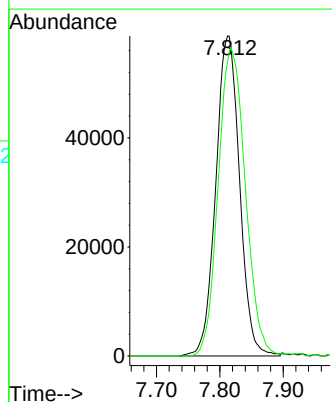
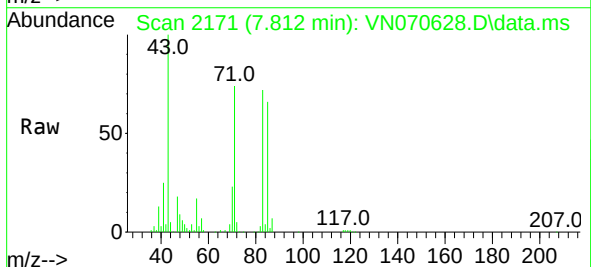
RT: 7.812 min Scan# 2171

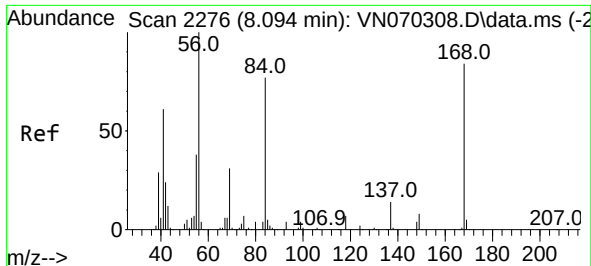
Delta R.T. -0.005 min

Lab File: VN070628.D

Acq: 14 Jan 2022 17:20

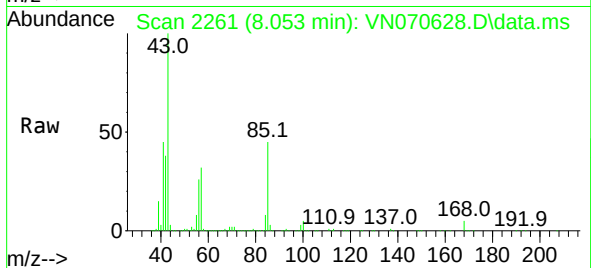
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 153261 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 91.9  | 51.9  | 77.9#  |



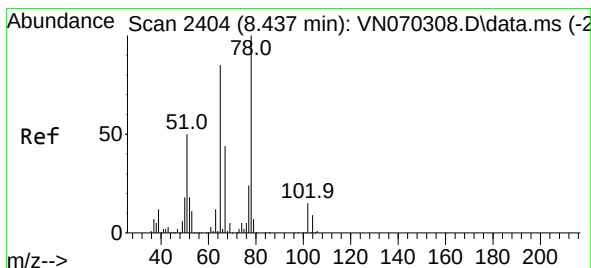
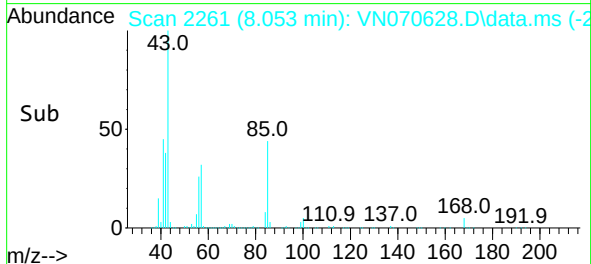
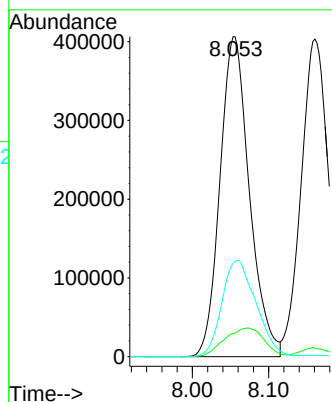


#31  
Cyclohexane  
Concen: 62.137 ug/l  
RT: 8.053 min Scan# 21  
Delta R.T. -0.041 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

Instrument :  
MSVOA\_N  
ClientSampleId :

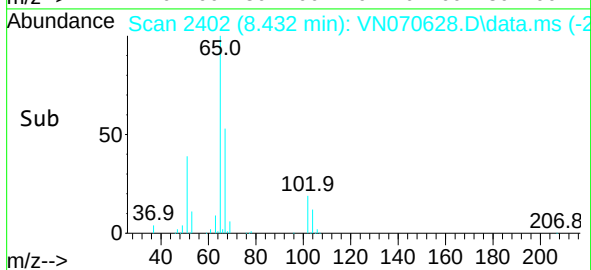
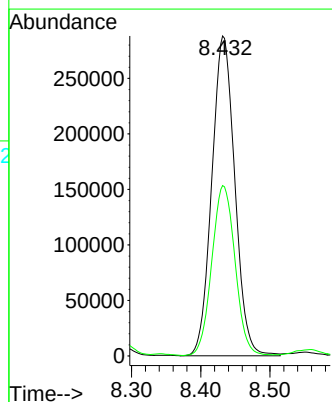
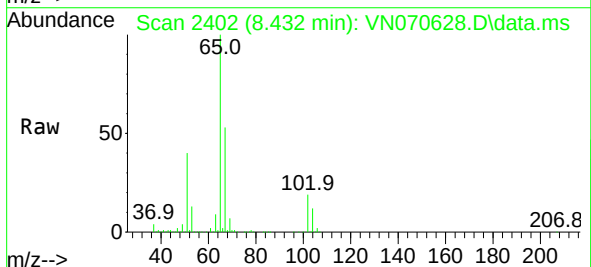


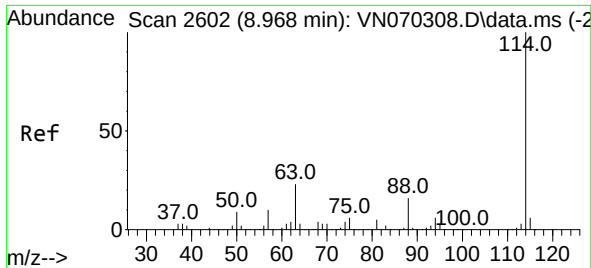
Tgt Ion: 56 Resp: 1089584  
Ion Ratio Lower Upper  
56 100  
69 7.2 27.1 40.7#  
84 29.2 73.4 110.0#



#33  
1,2-Dichloroethane-d4  
Concen: 59.849 ug/l  
RT: 8.432 min Scan# 2402  
Delta R.T. -0.005 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

Tgt Ion: 65 Resp: 665043  
Ion Ratio Lower Upper  
65 100  
67 53.5 0.0 103.0

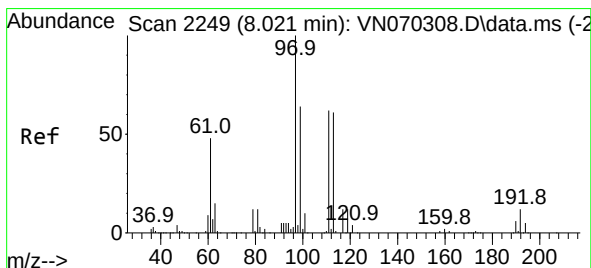
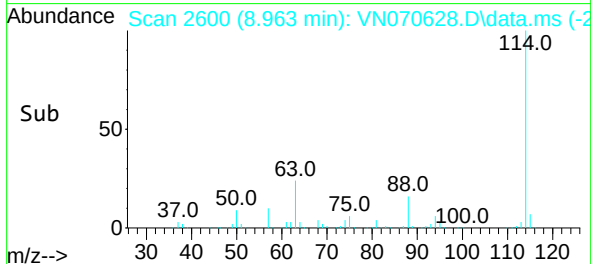
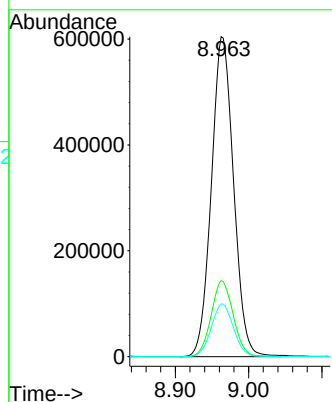
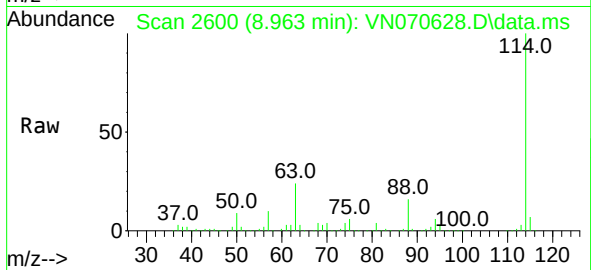




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 2600  
Delta R.T. -0.005 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

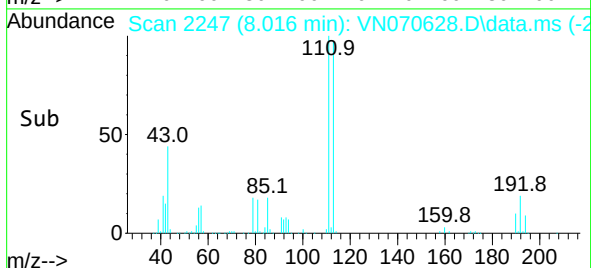
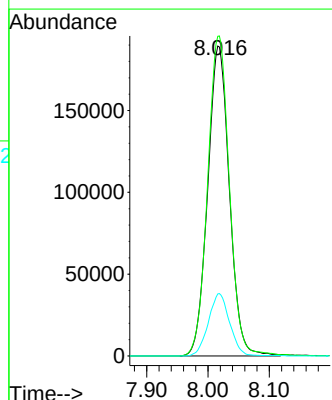
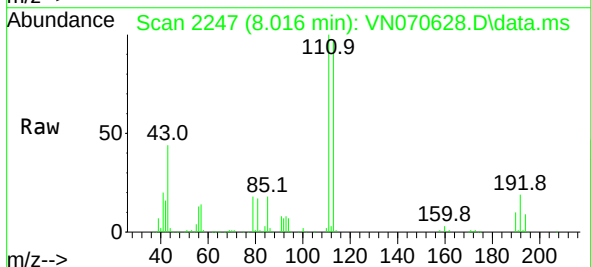
Instrument :  
MSVOA\_N  
ClientSampleId :

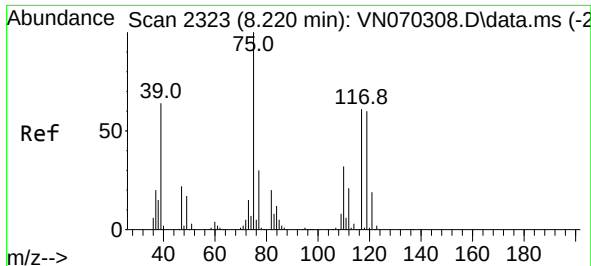
Tgt Ion:114 Resp: 1270908  
Ion Ratio Lower Upper  
114 100  
63 23.8 0.0 37.8  
88 16.5 0.0 27.4



#35  
Dibromofluoromethane  
Concen: 60.605 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. -0.005 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

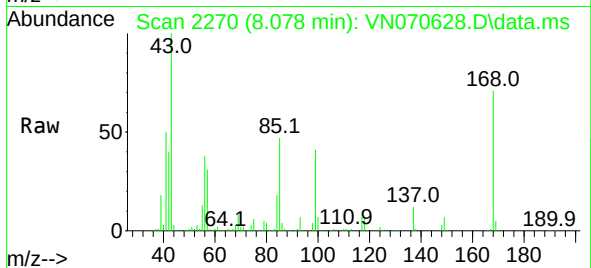
Tgt Ion:113 Resp: 466032  
Ion Ratio Lower Upper  
113 100  
111 103.5 82.2 123.2  
192 19.7 16.9 25.3



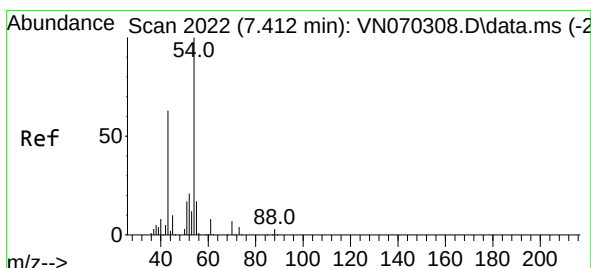
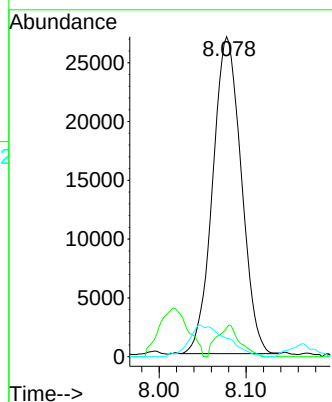
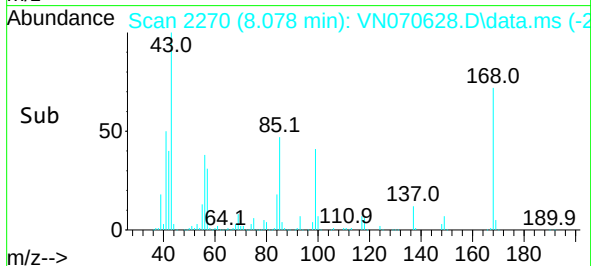


#36  
 1,1-Dichloropropene  
 Concen: 4.833 ug/l  
 RT: 8.078 min Scan# 21  
 Delta R.T. -0.143 min  
 Lab File: VN070628.D  
 Acq: 14 Jan 2022 17:20

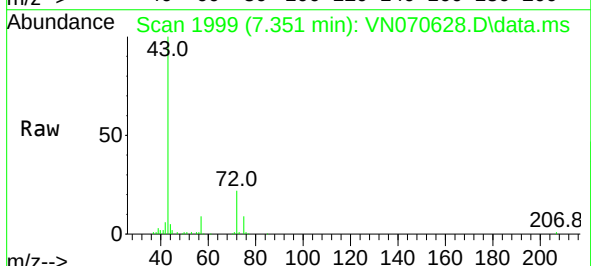
Instrument :  
 MSVOA\_N  
 ClientSampleId :



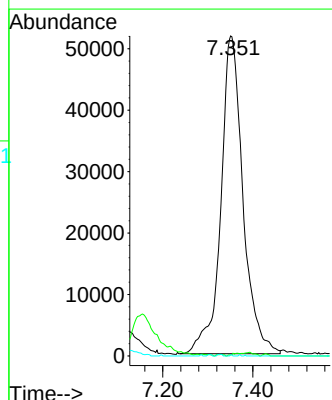
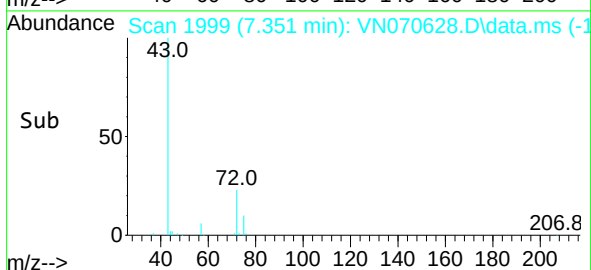
Tgt Ion: 75 Resp: 61479  
 Ion Ratio Lower Upper  
 75 100  
 110 8.0 18.4 55.2#  
 77 0.0 24.4 36.6#

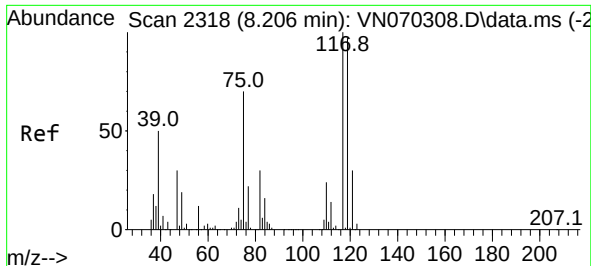


#37  
 Ethyl Acetate  
 Concen: 10.746 ug/l  
 RT: 7.351 min Scan# 1999  
 Delta R.T. -0.061 min  
 Lab File: VN070628.D  
 Acq: 14 Jan 2022 17:20



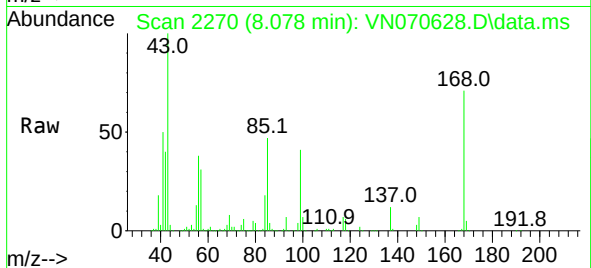
Tgt Ion: 43 Resp: 177194  
 Ion Ratio Lower Upper  
 43 100  
 61 0.0 11.5 17.3#  
 70 0.0 7.9 11.9#



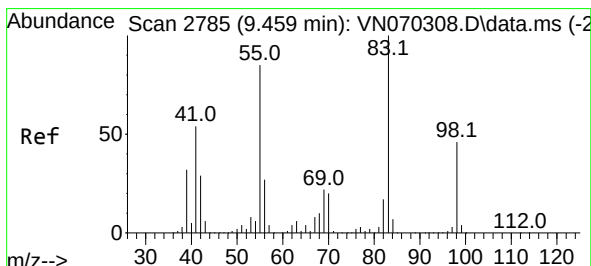
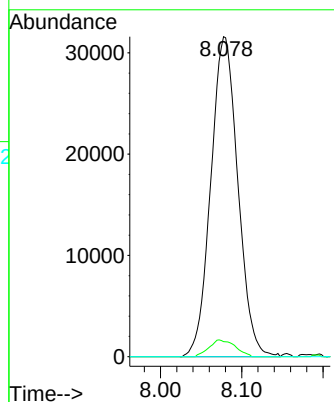
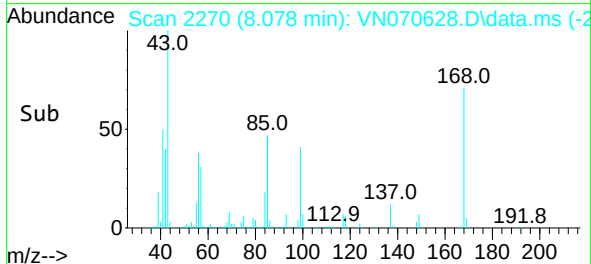


#38  
Carbon Tetrachloride  
Concen: 6.026 ug/l  
RT: 8.078 min Scan# 211  
Delta R.T. -0.128 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

Instrument :  
MSVOA\_N  
ClientSampleId :

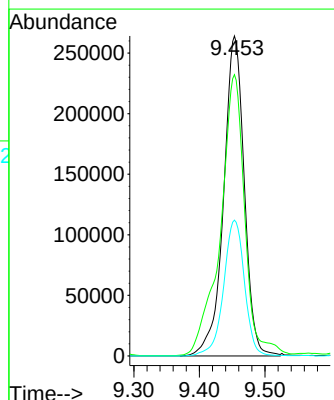
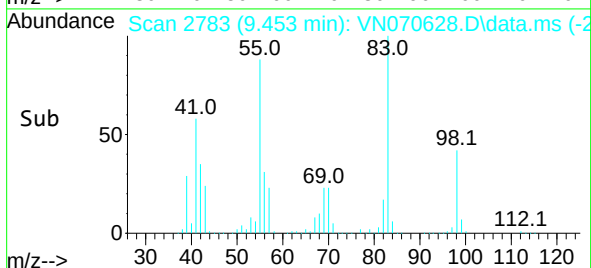
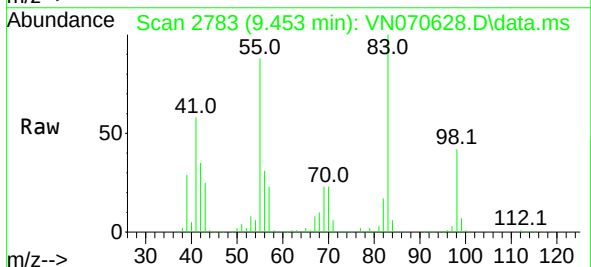


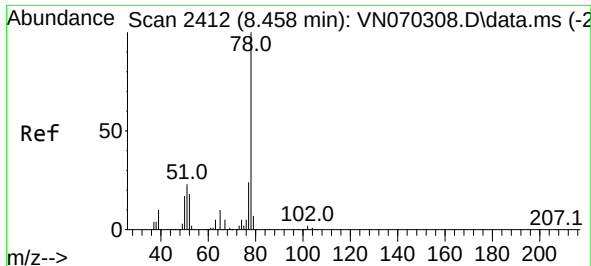
Tgt Ion:117 Resp: 73196  
Ion Ratio Lower Upper  
117 100  
119 4.7 76.1 114.1#  
121 0.0 24.2 36.2#



#39  
Methylcyclohexane  
Concen: 37.573 ug/l  
RT: 9.453 min Scan# 2783  
Delta R.T. -0.006 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

Tgt Ion: 83 Resp: 578636  
Ion Ratio Lower Upper  
83 100  
55 87.6 58.1 87.1#  
98 42.4 38.4 57.6





#40

Benzene

Concen: 0.308 ug/l

RT: 8.450 min Scan# 2412

Delta R.T. -0.008 min

Lab File: VN070628.D

Acq: 14 Jan 2022 17:20

Instrument :

MSVOA\_N

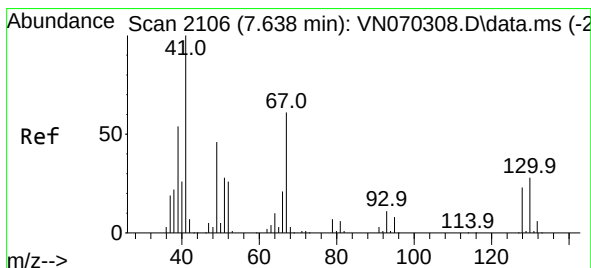
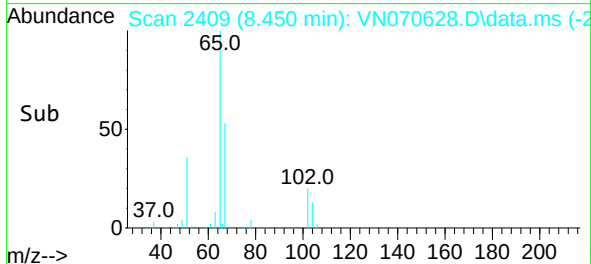
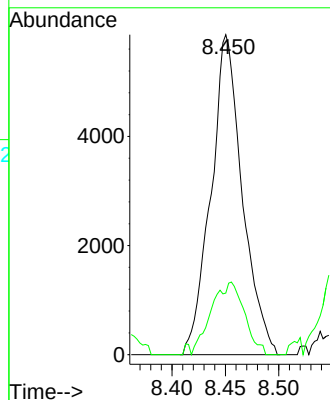
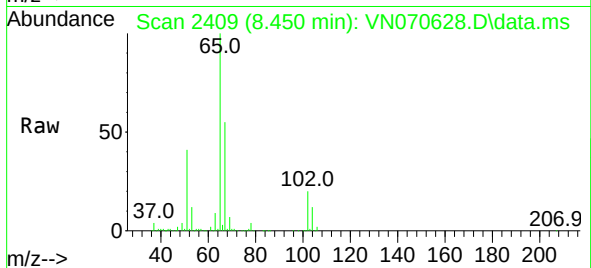
ClientSampleId :

Tgt Ion: 78 Resp: 12012

Ion Ratio Lower Upper

78 100

77 19.2 18.6 27.8



#41

Methacrylonitrile

Concen: 0.603 ug/l

RT: 7.699 min Scan# 2129

Delta R.T. 0.061 min

Lab File: VN070628.D

Acq: 14 Jan 2022 17:20

Tgt Ion: 41 Resp: 4971

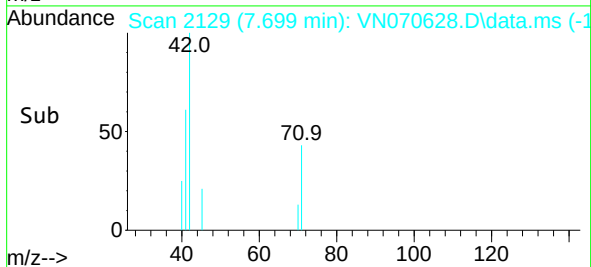
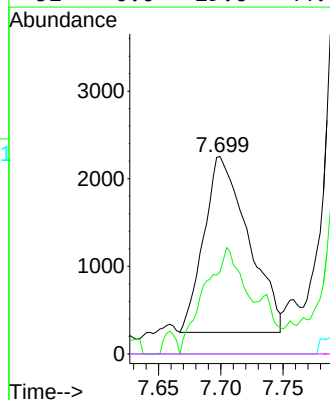
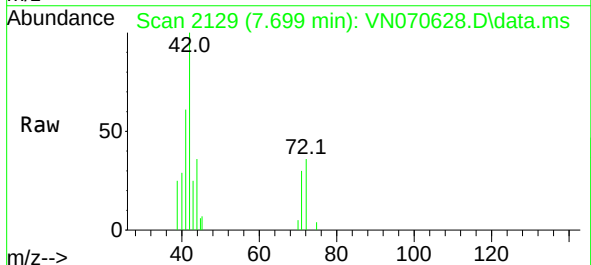
Ion Ratio Lower Upper

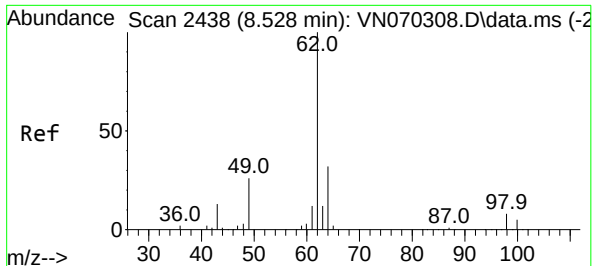
41 100

39 53.7 48.1 72.1

67 0.0 68.3 102.5#

52 0.0 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 0.255 ug/l

RT: 8.536 min Scan# 2441

Delta R.T. 0.008 min

Lab File: VN070628.D

Acq: 14 Jan 2022 17:20

Instrument :

MSVOA\_N

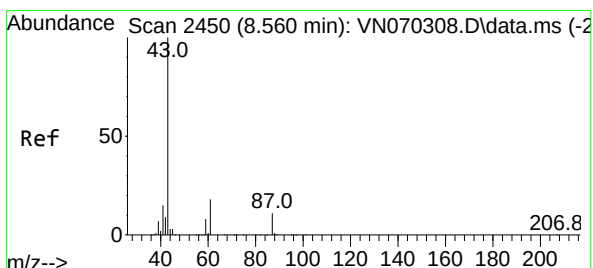
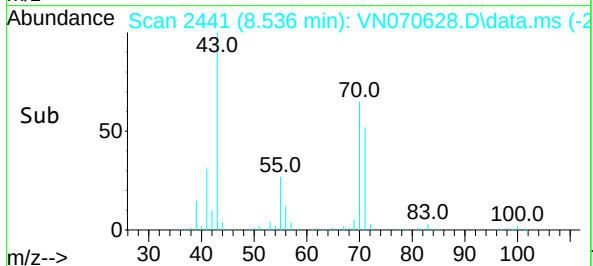
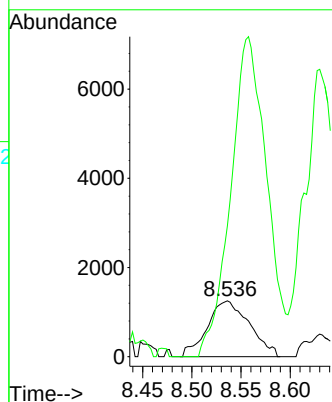
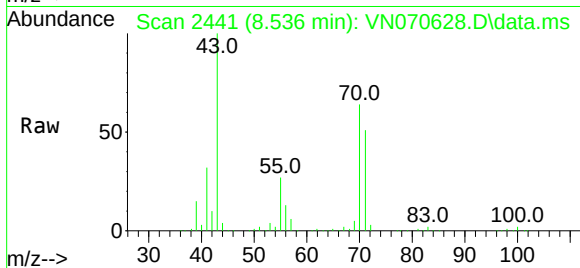
ClientSampleId :

Tgt Ion: 62 Resp: 3733

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.6



#43

Isopropyl Acetate

Concen: 24.842 ug/l

RT: 8.544 min Scan# 2444

Delta R.T. -0.016 min

Lab File: VN070628.D

Acq: 14 Jan 2022 17:20

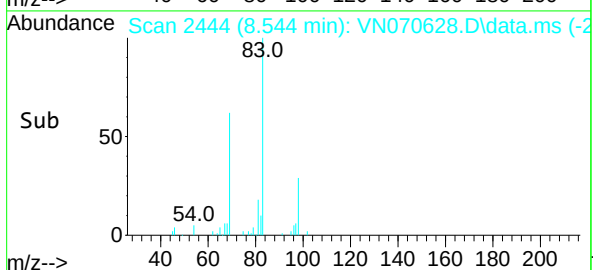
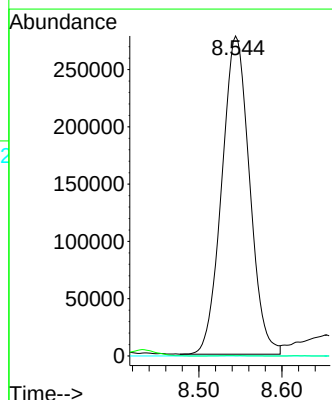
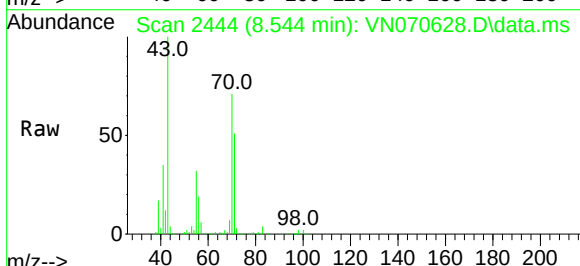
Tgt Ion: 43 Resp: 645807

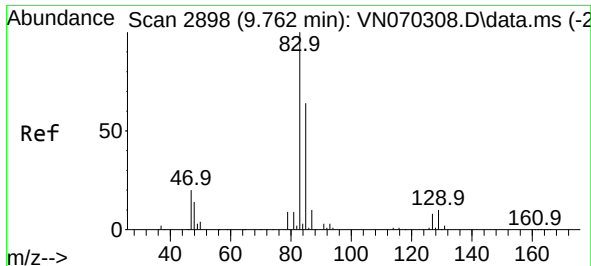
Ion Ratio Lower Upper

43 100

61 0.1 20.4 30.6#

87 0.0 11.2 16.8#

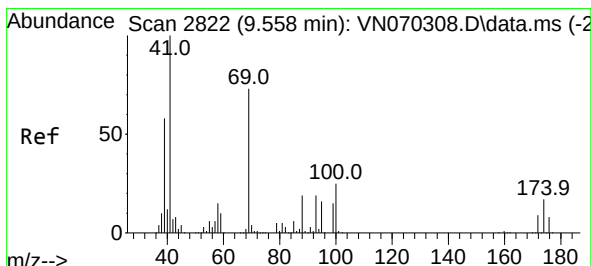
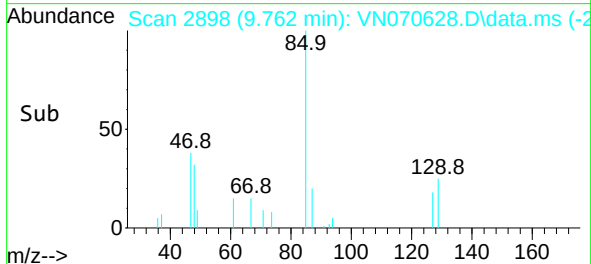
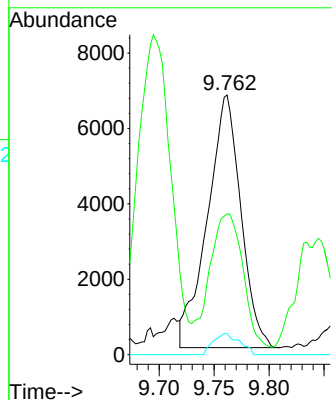
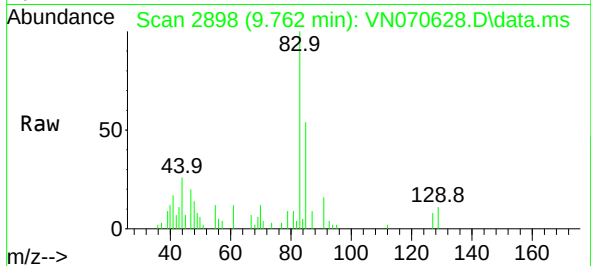




#47  
Bromodichloromethane  
Concen: 1.093 ug/l  
RT: 9.762 min Scan# 2898  
Delta R.T. -0.000 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

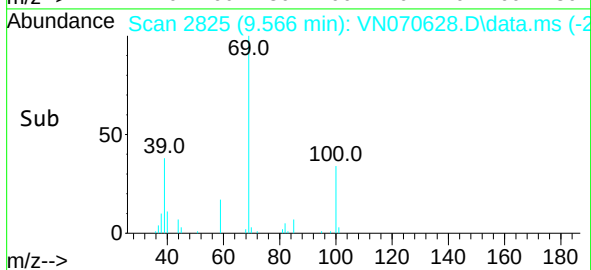
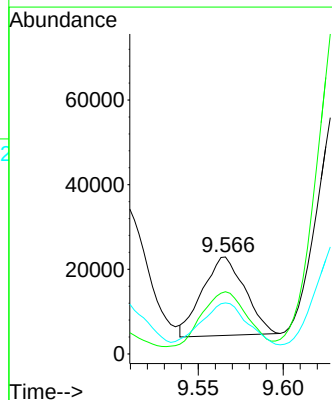
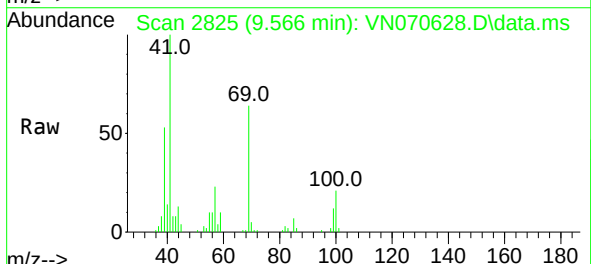
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 83 Resp: 14167  
Ion Ratio Lower Upper  
83 100  
85 48.7 50.9 76.3#  
127 8.3 7.1 10.7

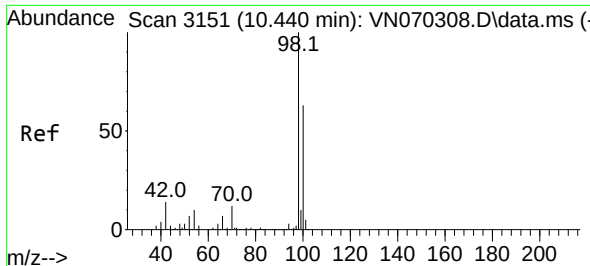


#48  
Methyl methacrylate  
Concen: 2.592 ug/l  
RT: 9.566 min Scan# 2825  
Delta R.T. 0.008 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

Tgt Ion: 41 Resp: 32146  
Ion Ratio Lower Upper  
41 100  
69 73.1 72.4 108.6  
39 57.9 58.4 87.6#



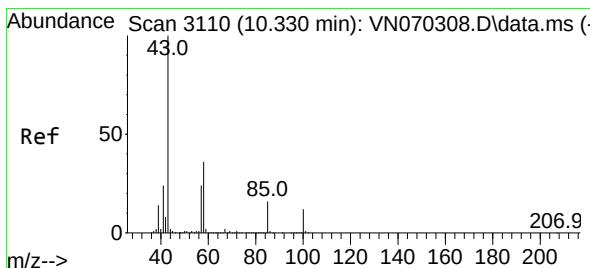
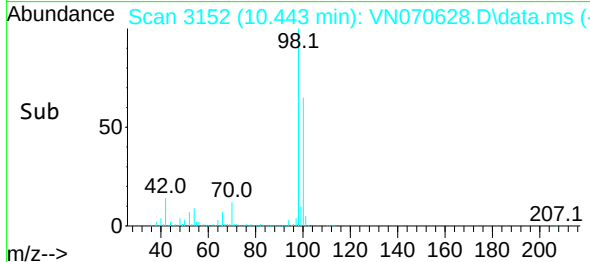
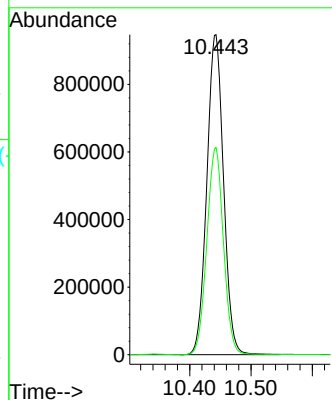
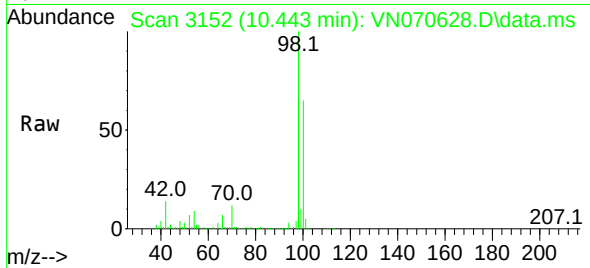




#50  
Toluene-d8  
Concen: 57.106 ug/l  
RT: 10.443 min Scan# 3151  
Delta R.T. 0.003 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

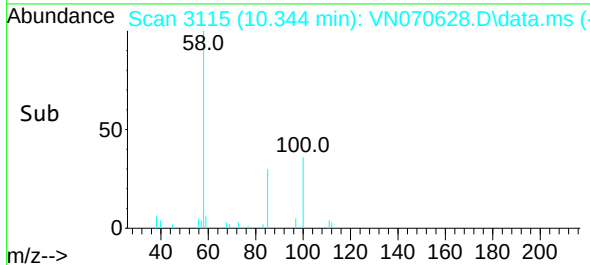
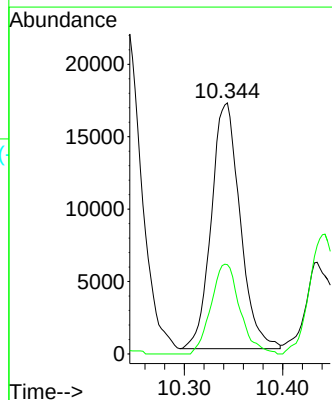
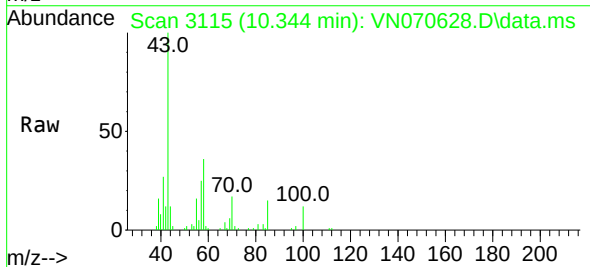
Instrument :  
MSVOA\_N  
ClientSampleId :

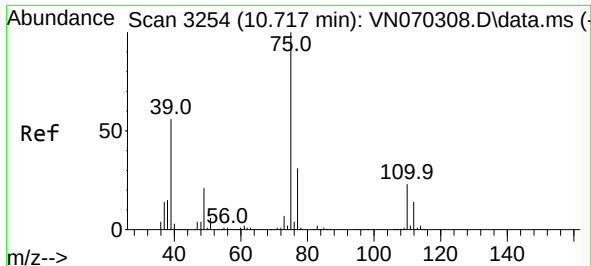
Tgt Ion: 98 Resp: 1793880  
Ion Ratio Lower Upper  
98 100  
100 64.5 50.4 75.6



#51  
4-Methyl-2-Pentanone  
Concen: 2.121 ug/l  
RT: 10.344 min Scan# 3115  
Delta R.T. 0.014 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

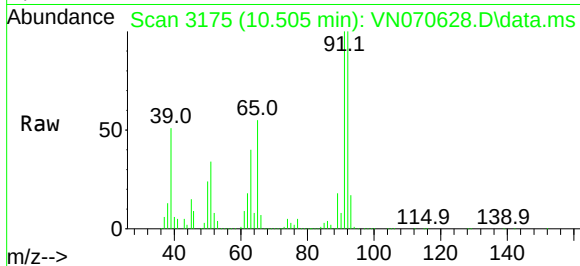
Tgt Ion: 43 Resp: 34652  
Ion Ratio Lower Upper  
43 100  
58 36.4 30.4 45.6



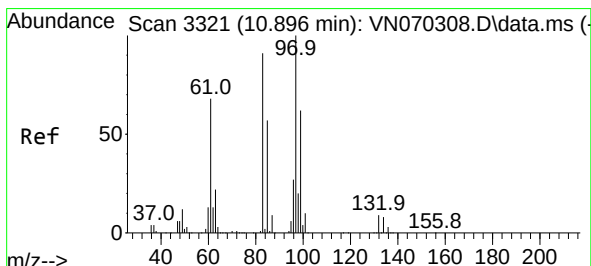
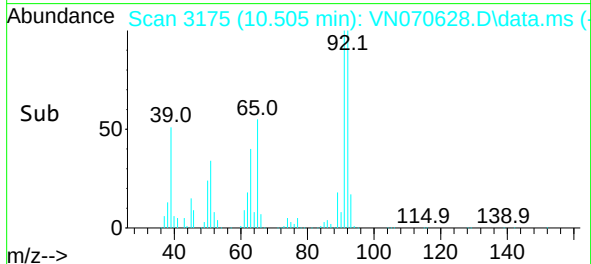
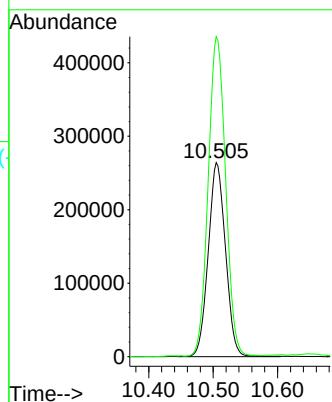


#53  
t-1,3-Dichloropropene  
Concen: 34.998 ug/l  
RT: 10.505 min Scan# 3175  
Delta R.T. -0.212 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

Instrument :  
MSVOA\_N  
ClientSampleId :

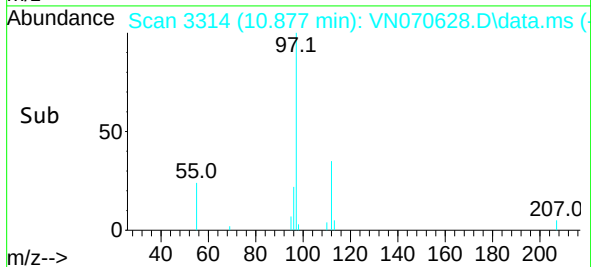
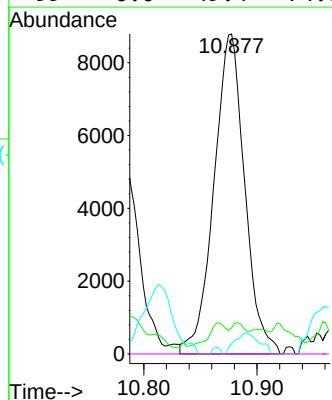
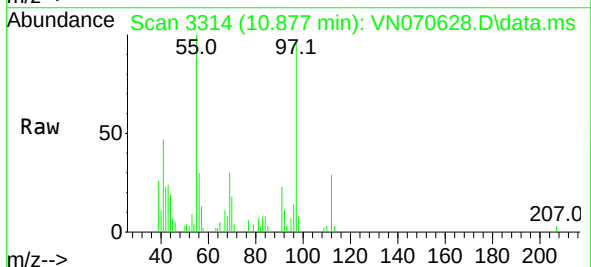


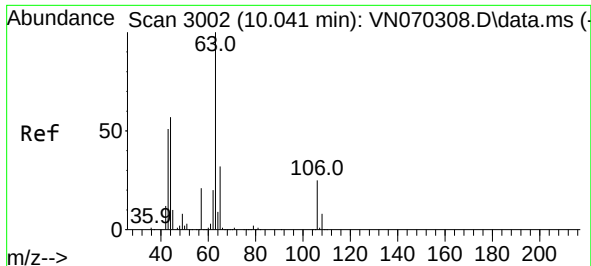
Tgt Ion: 75 Resp: 491208  
Ion Ratio Lower Upper  
75 100  
77 164.4 25.6 38.4#



#55  
1,1,2-Trichloroethane  
Concen: 1.773 ug/l  
RT: 10.877 min Scan# 3314  
Delta R.T. -0.019 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

Tgt Ion: 97 Resp: 16557  
Ion Ratio Lower Upper  
97 100  
83 6.3 67.8 101.6#  
85 3.2 45.4 68.2#  
99 0.0 49.4 74.0#

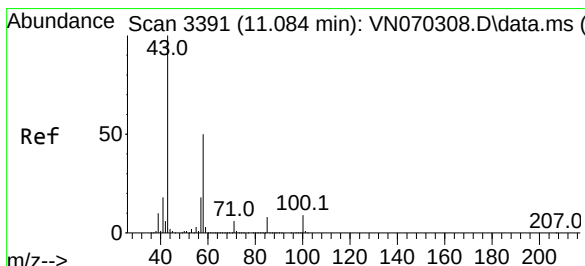
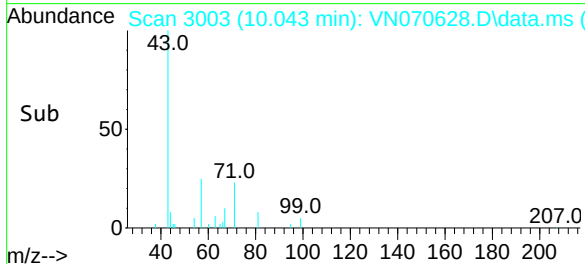
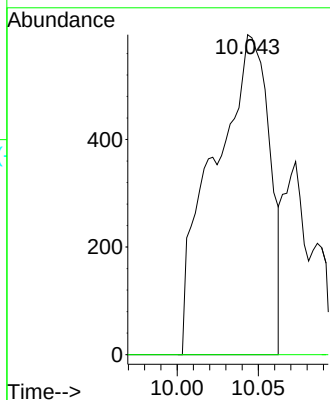
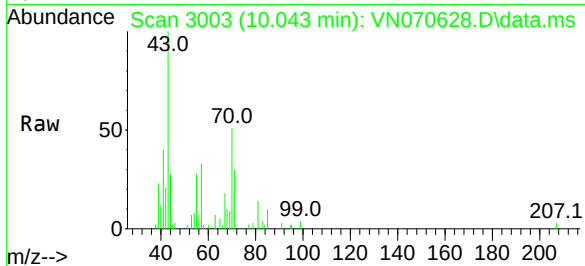




#58  
2-Chloroethyl Vinyl ether  
Concen: 18.847 ug/l  
RT: 10.043 min Scan# 3002  
Delta R.T. 0.002 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

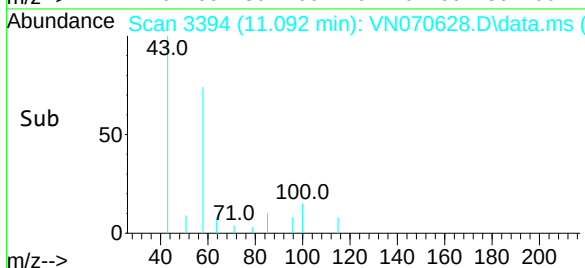
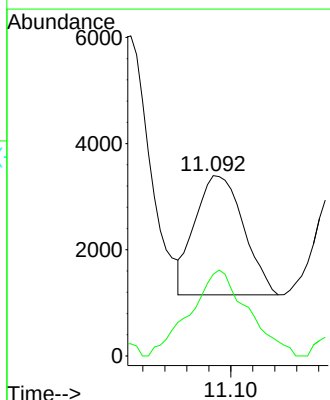
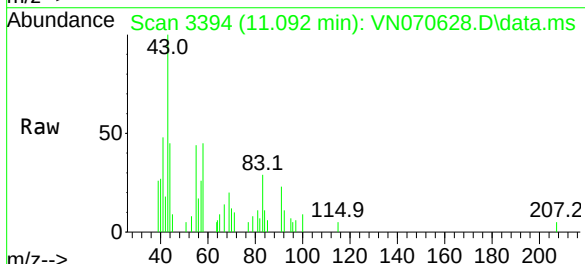
Instrument :  
MSVOA\_N  
ClientSampleId :

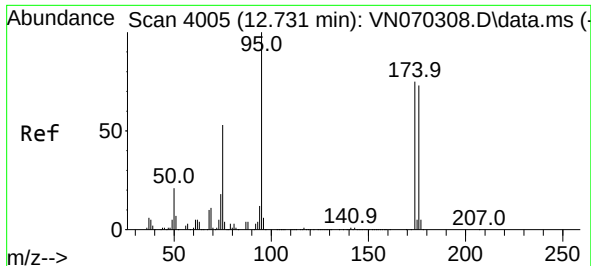
Tgt Ion: 63 Resp: 1421  
Ion Ratio Lower Upper  
63 100  
106 0.0 23.9 35.9#



#59  
2-Hexanone  
Concen: 0.289 ug/l  
RT: 11.092 min Scan# 3394  
Delta R.T. 0.008 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

Tgt Ion: 43 Resp: 3445  
Ion Ratio Lower Upper  
43 100  
58 85.1 26.9 80.7#

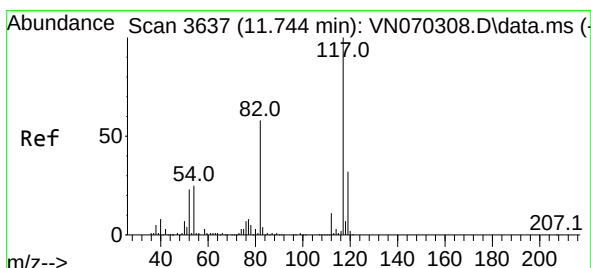
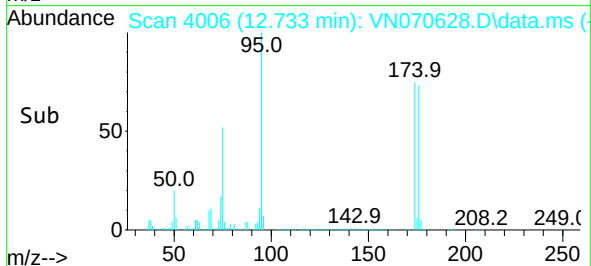
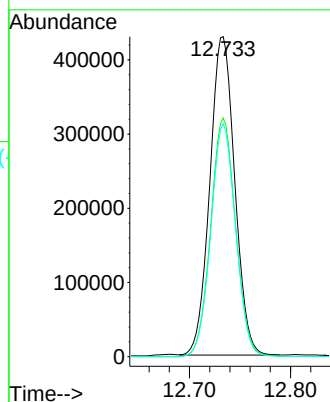
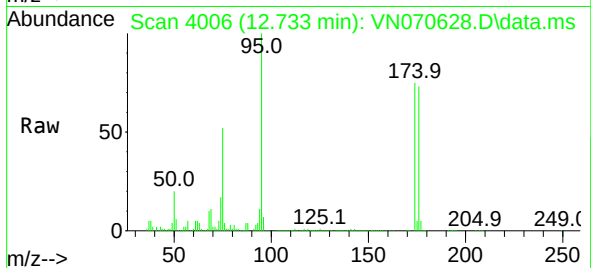




#62  
4-Bromofluorobenzene  
Concen: 64.798 ug/l  
RT: 12.733 min Scan# 4005  
Delta R.T. 0.002 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

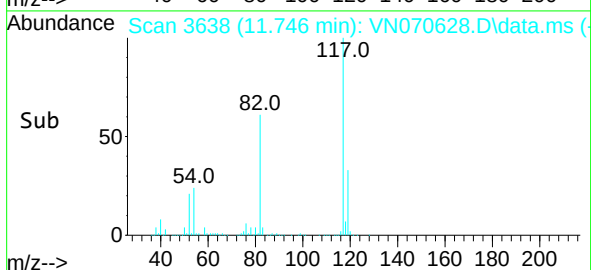
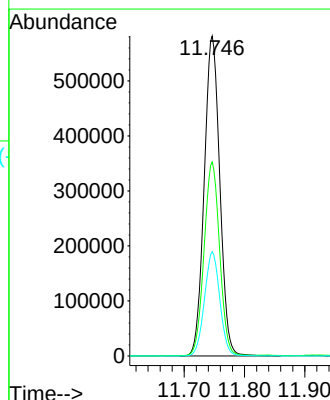
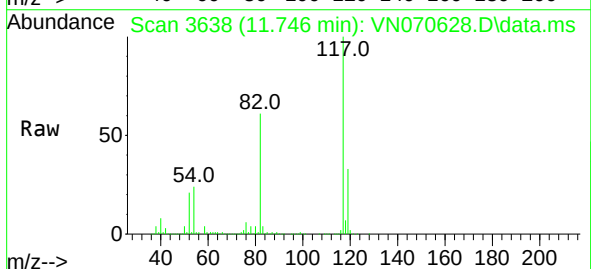
Instrument :  
MSVOA\_N  
ClientSampleId :

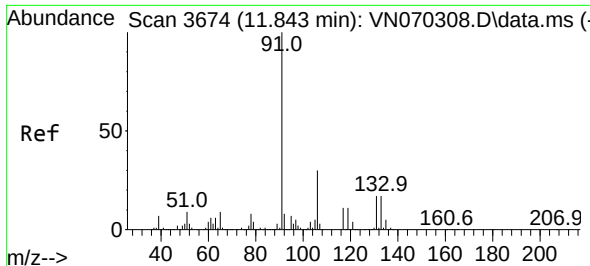
Tgt Ion: 95 Resp: 735176  
Ion Ratio Lower Upper  
95 100  
174 75.2 0.0 187.2  
176 72.7 0.0 181.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. 0.002 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

Tgt Ion: 117 Resp: 1045384  
Ion Ratio Lower Upper  
117 100  
82 60.5 42.4 63.6  
119 32.6 25.4 38.2

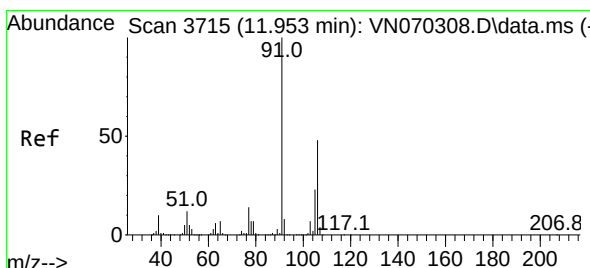
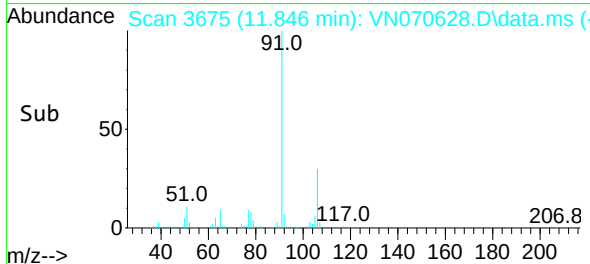
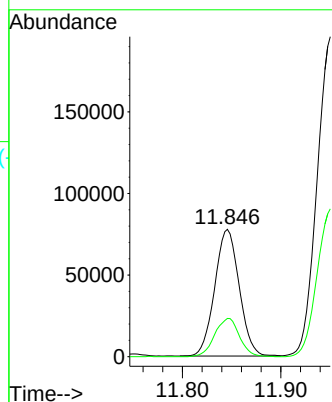
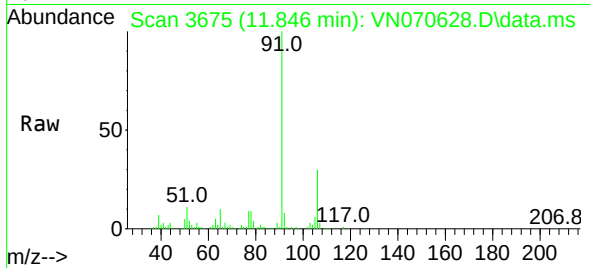




#67  
Ethyl Benzene  
Concen: 3.315 ug/l  
RT: 11.846 min Scan# 3674  
Delta R.T. 0.003 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

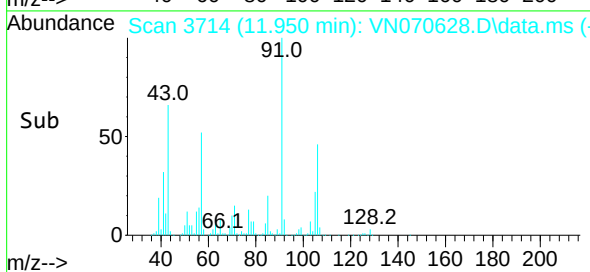
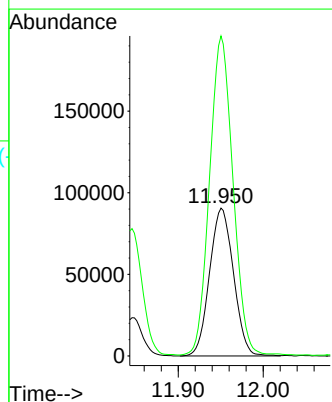
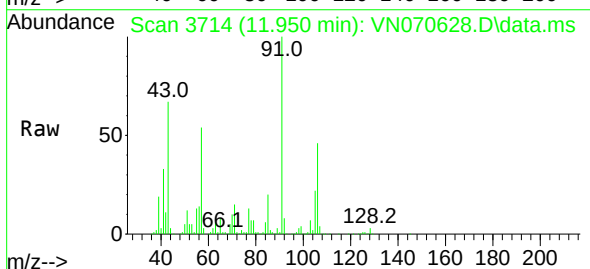
Instrument :  
MSVOA\_N  
ClientSampleId :

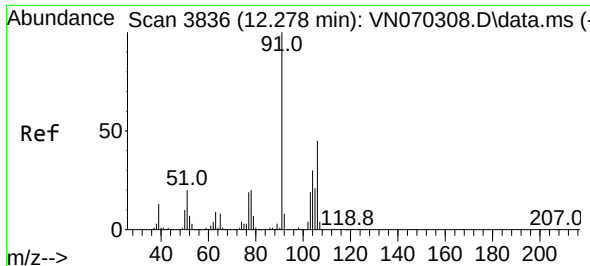
Tgt Ion: 91 Resp: 134710  
Ion Ratio Lower Upper  
91 100  
106 30.2 25.7 38.5



#68  
m/p-Xylenes  
Concen: 11.980 ug/l  
RT: 11.950 min Scan# 3714  
Delta R.T. -0.003 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

Tgt Ion: 106 Resp: 177219  
Ion Ratio Lower Upper  
106 100  
91 211.0 160.6 240.8

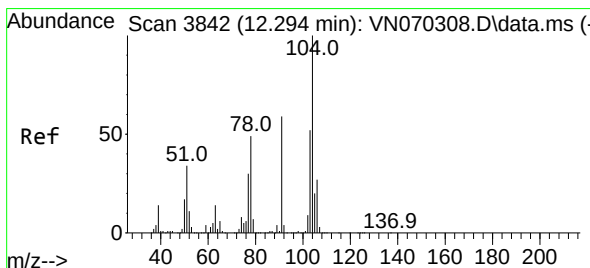
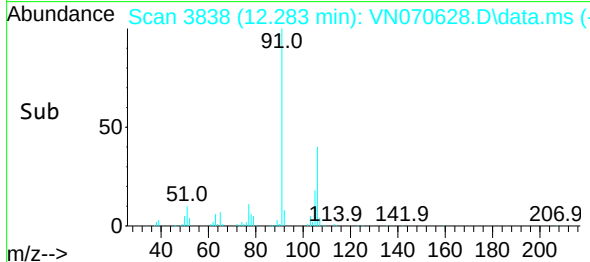
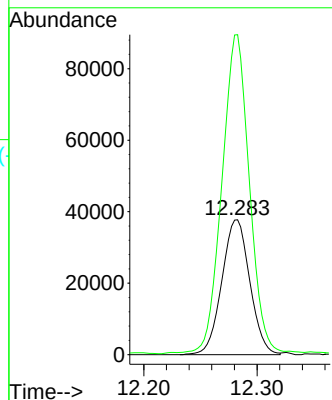
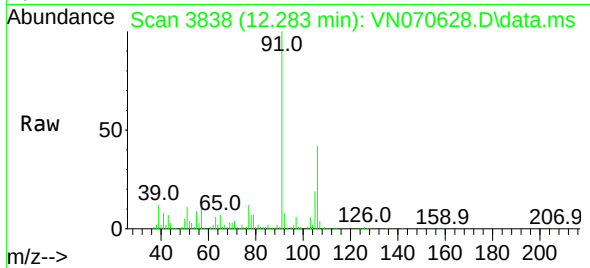




#69  
o-Xylene  
Concen: 4.399 ug/l  
RT: 12.283 min Scan# 3836  
Delta R.T. 0.005 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

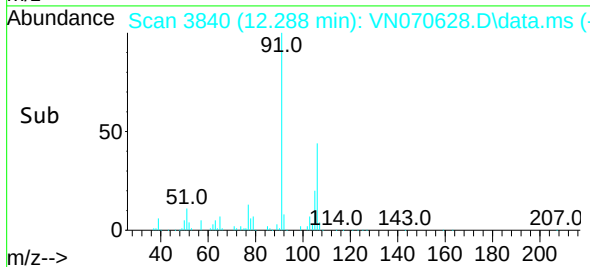
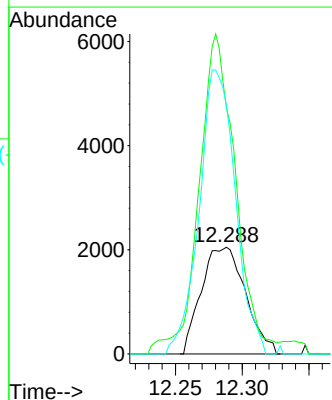
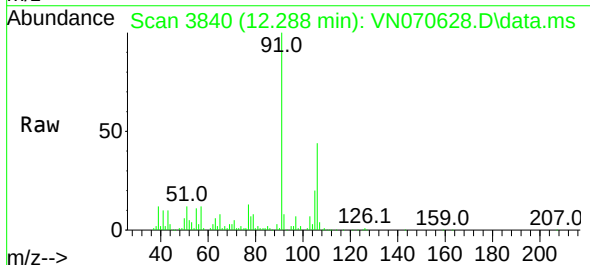
Instrument :  
MSVOA\_N  
ClientSampleId :

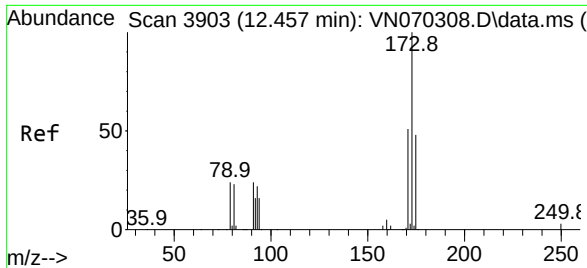
Tgt Ion:106 Resp: 64725  
Ion Ratio Lower Upper  
106 100  
91 228.6 105.8 317.3



#70  
Styrene  
Concen: 0.202 ug/l  
RT: 12.288 min Scan# 3840  
Delta R.T. -0.006 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

Tgt Ion:104 Resp: 4712  
Ion Ratio Lower Upper  
104 100  
78 246.6 38.7 58.1#  
103 218.1 45.0 67.6#

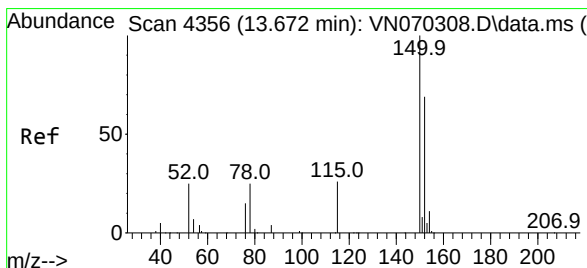
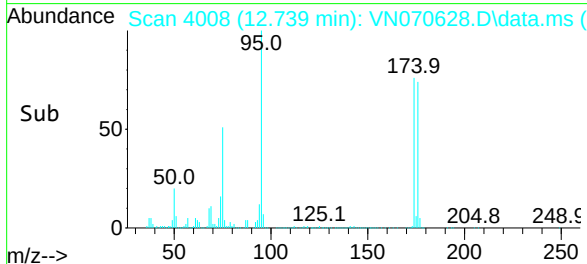
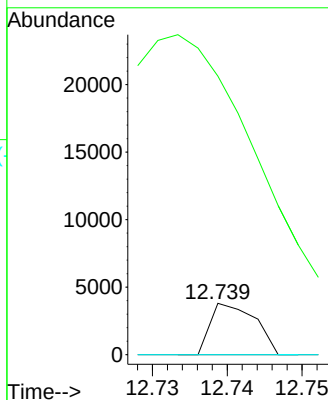
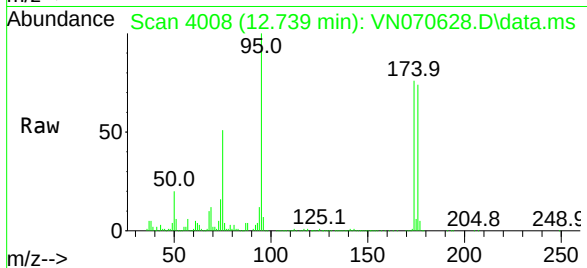




#71  
Bromoform  
Concen: 0.268 ug/l  
RT: 12.739 min Scan# 4008  
Delta R.T. 0.282 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

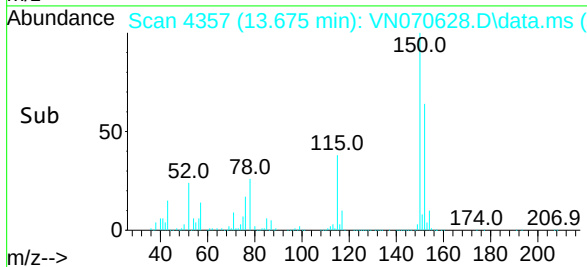
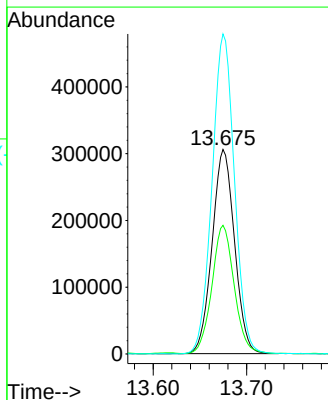
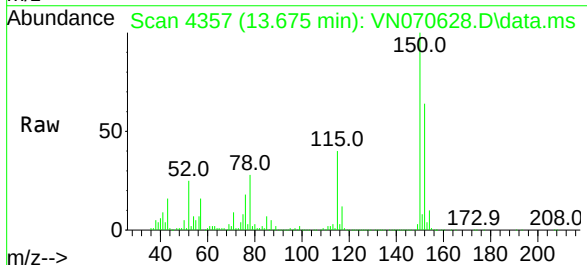
Instrument :  
MSVOA\_N  
ClientSampleId :

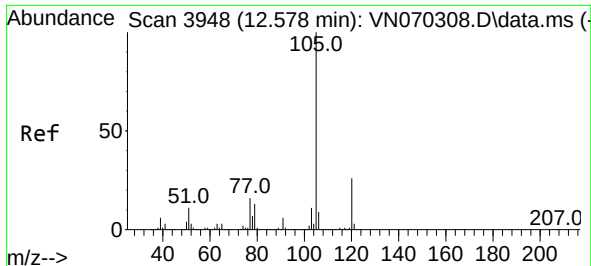
Tgt Ion:173 Resp: 1573  
Ion Ratio Lower Upper  
173 100  
175 2357.1 24.2 72.6#  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. 0.003 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

Tgt Ion:152 Resp: 509950  
Ion Ratio Lower Upper  
152 100  
115 62.1 27.5 82.5  
150 156.5 0.0 344.4

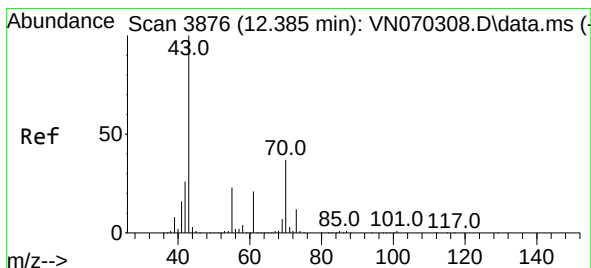
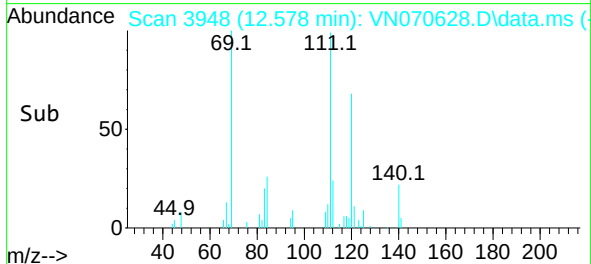
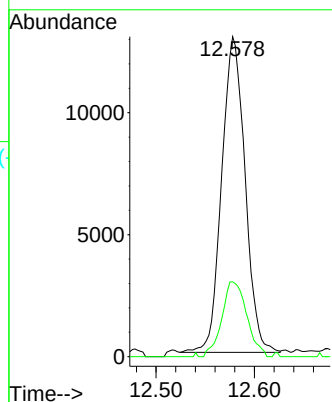
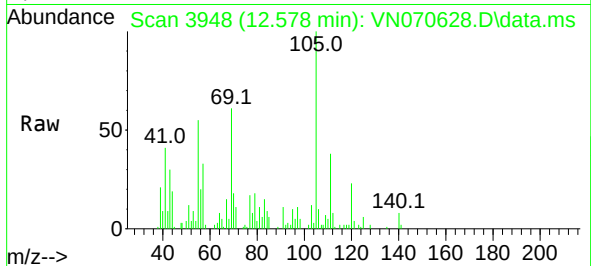




#73  
Isopropylbenzene  
Concen: 0.452 ug/l  
RT: 12.578 min Scan# 3948  
Delta R.T. -0.000 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

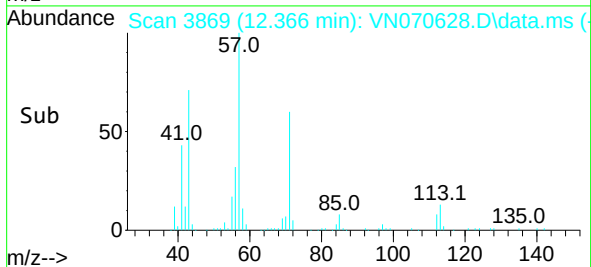
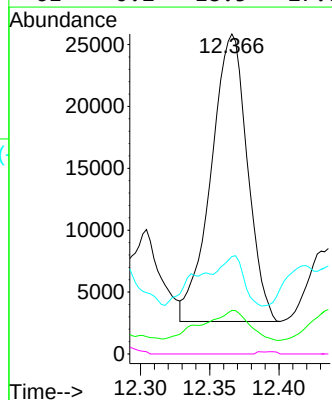
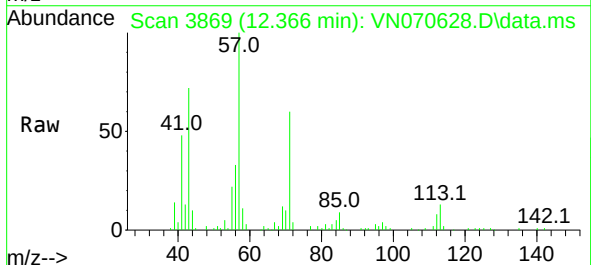
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:105 Resp: 21418  
Ion Ratio Lower Upper  
105 100  
120 25.2 13.4 40.1

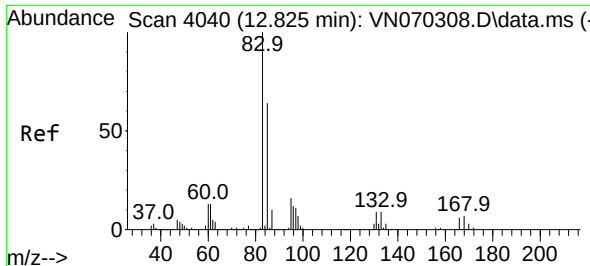


#74  
N-ethyl acetate  
Concen: 2.128 ug/l  
RT: 12.366 min Scan# 3869  
Delta R.T. -0.019 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

Tgt Ion: 43 Resp: 42371  
Ion Ratio Lower Upper  
43 100  
70 13.2 33.4 50.0#  
55 0.0 19.3 28.9#  
61 0.2 18.5 27.7#



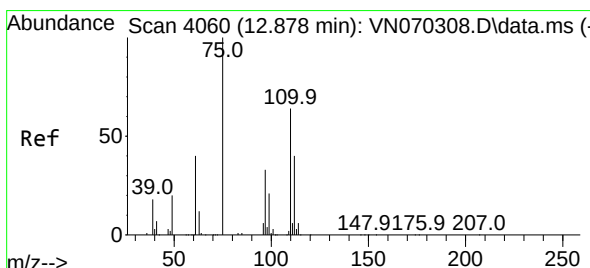
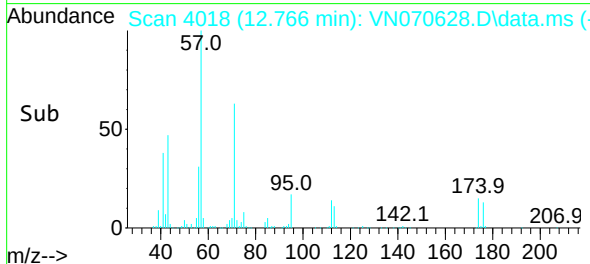
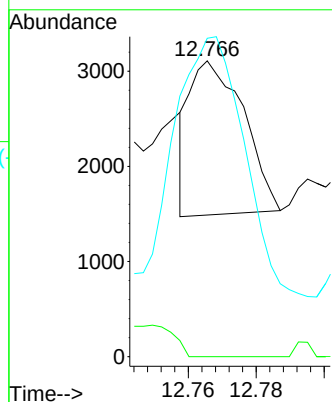
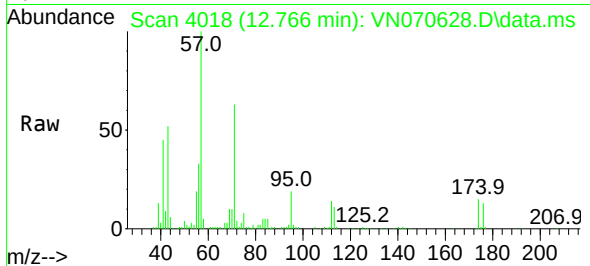




#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.550 ug/l  
RT: 12.766 min Scan# 4018  
Delta R.T. -0.059 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

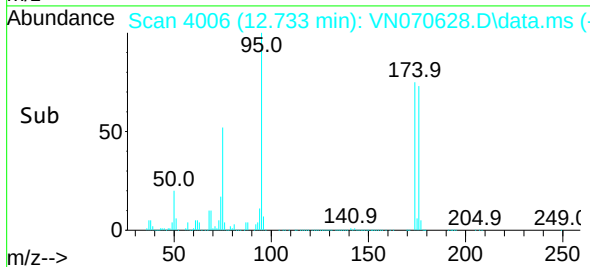
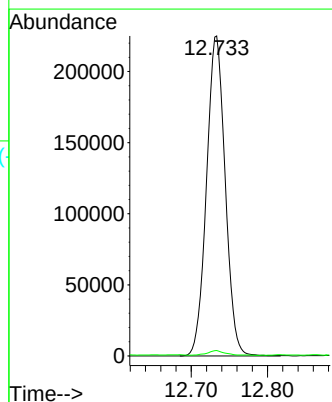
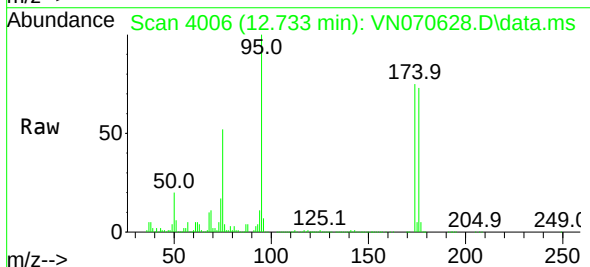
Instrument :  
MSVOA\_N  
ClientSampleId :

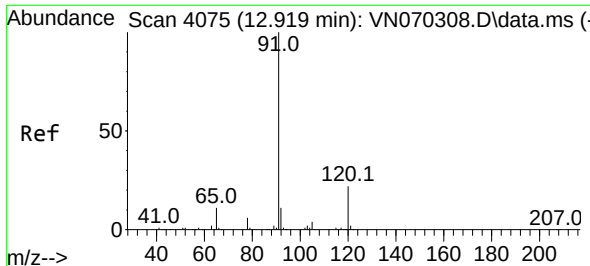
Tgt Ion: 83 Resp: 1783  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.5 16.5#  
85 0.0 32.4 97.2#



#76  
1,2,3-Trichloropropane  
Concen: 26.679 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.145 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

Tgt Ion: 75 Resp: 382404  
Ion Ratio Lower Upper  
75 100  
77 1.4 82.6 247.8#

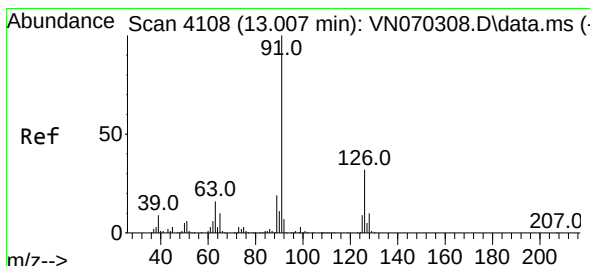
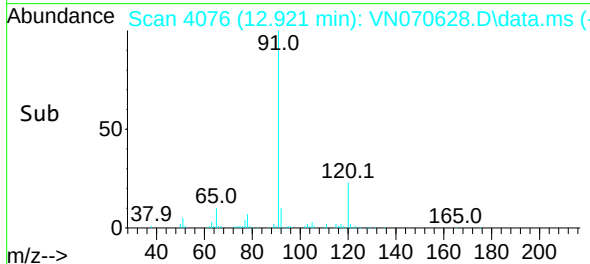
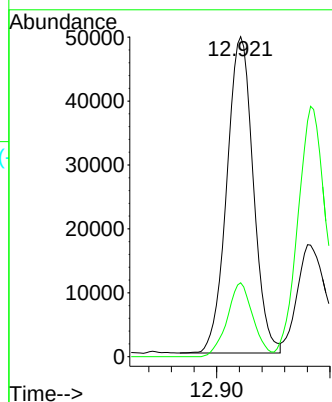
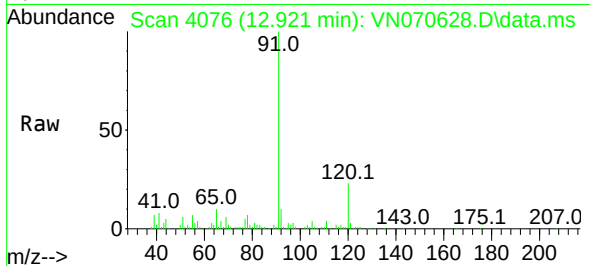




#78  
n-propylbenzene  
Concen: 1.531 ug/l  
RT: 12.921 min Scan# 4076  
Delta R.T. 0.002 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

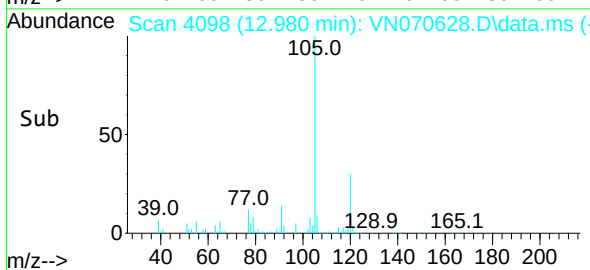
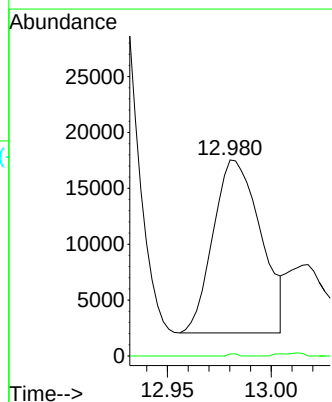
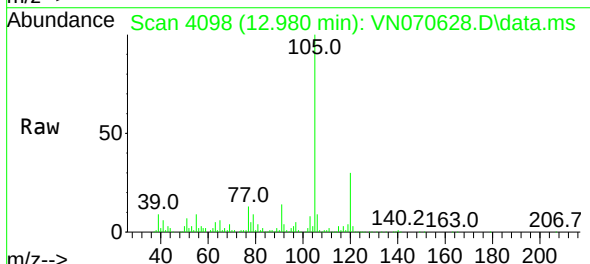
Instrument :  
MSVOA\_N  
ClientSampleId :

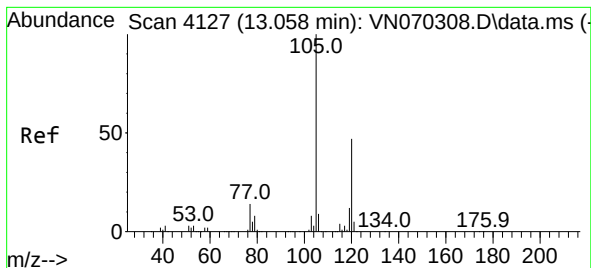
Tgt Ion: 91 Resp: 80344  
Ion Ratio Lower Upper  
91 100  
120 22.7 11.9 35.9



#79  
2-Chlorotoluene  
Concen: 0.735 ug/l  
RT: 12.980 min Scan# 4098  
Delta R.T. -0.027 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

Tgt Ion: 91 Resp: 24744  
Ion Ratio Lower Upper  
91 100  
126 0.2 18.3 54.8#





#80

1,3,5-Trimethylbenzene

Concen: 4.610 ug/l

RT: 13.058 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN070628.D

Acq: 14 Jan 2022 17:20

Instrument :

MSVOA\_N

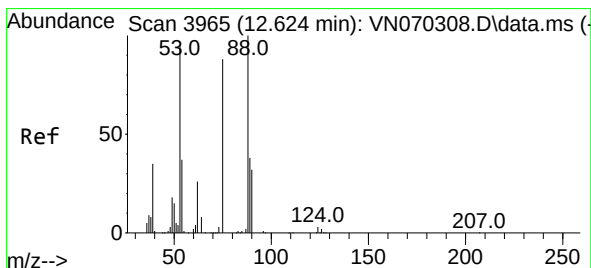
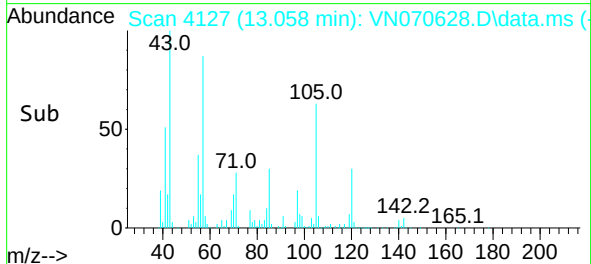
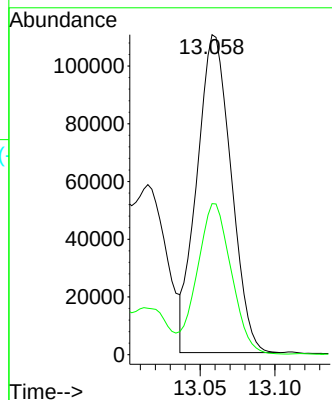
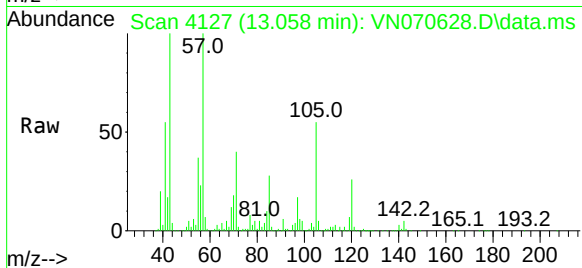
ClientSampleId :

Tgt Ion:105 Resp: 174927

Ion Ratio Lower Upper

105 100

120 47.4 24.6 73.6



#81

trans-1,4-Dichloro-2-butene

Concen: 91.619 ug/l

RT: 12.733 min Scan# 4006

Delta R.T. 0.109 min

Lab File: VN070628.D

Acq: 14 Jan 2022 17:20

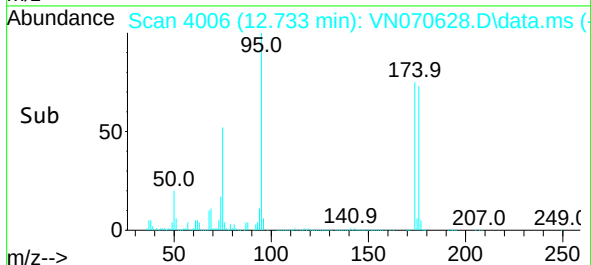
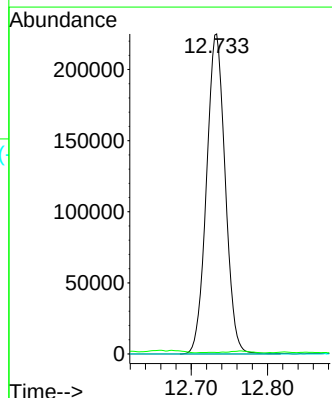
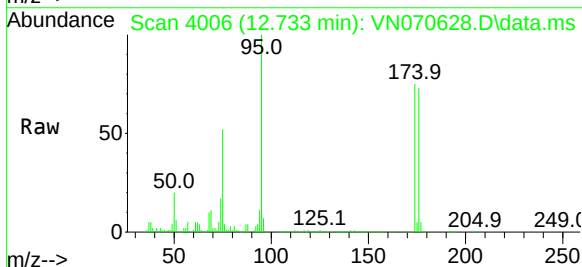
Tgt Ion: 75 Resp: 382404

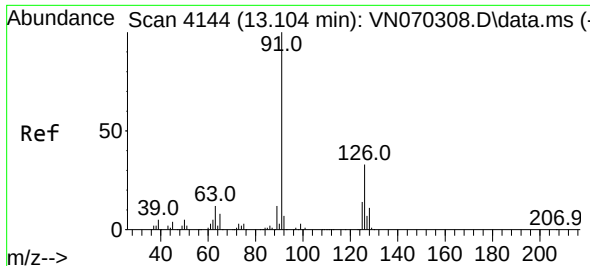
Ion Ratio Lower Upper

75 100

53 0.1 90.5 135.7#

89 0.0 38.2 57.4#

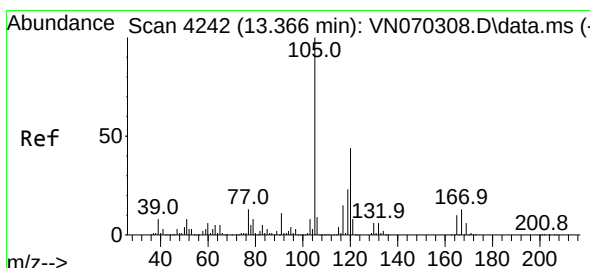
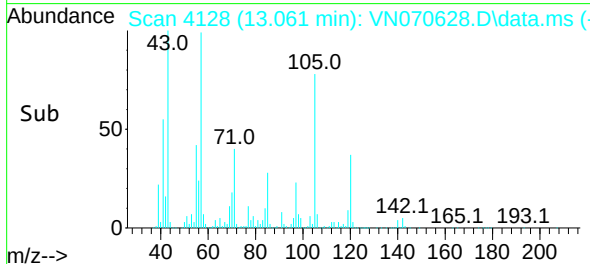
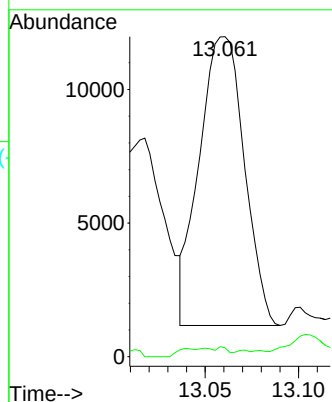
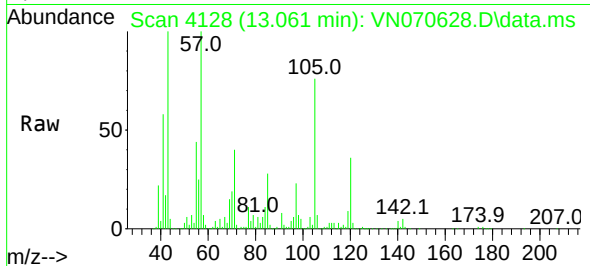




#82  
4-Chlorotoluene  
Concen: 0.575 ug/l  
RT: 13.061 min Scan# 4144  
Delta R.T. -0.043 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

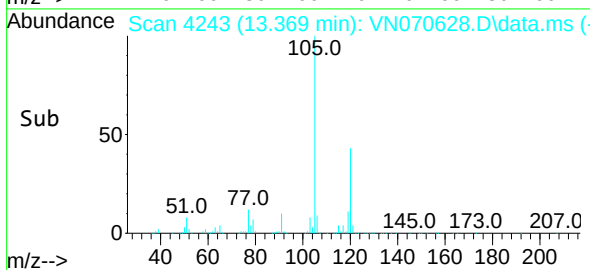
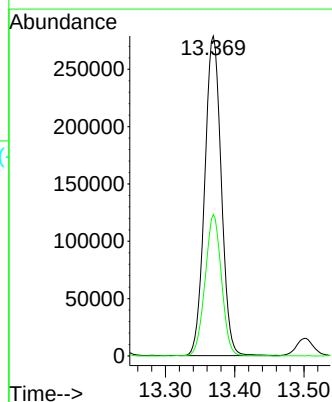
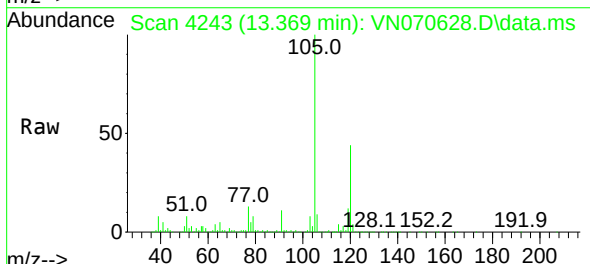
Instrument :  
MSVOA\_N  
ClientSampleId :

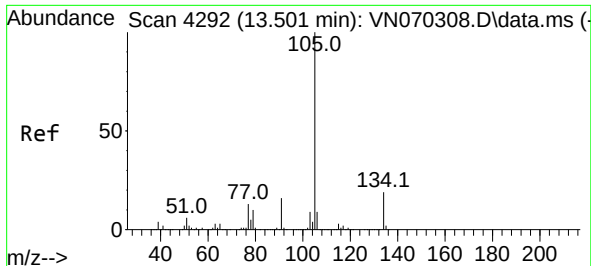
Tgt Ion: 91 Resp: 18127  
Ion Ratio Lower Upper  
91 100  
126 0.0 18.2 54.6#



#84  
1,2,4-Trimethylbenzene  
Concen: 12.631 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. 0.003 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

Tgt Ion:105 Resp: 461557  
Ion Ratio Lower Upper  
105 100  
120 43.9 22.8 68.4

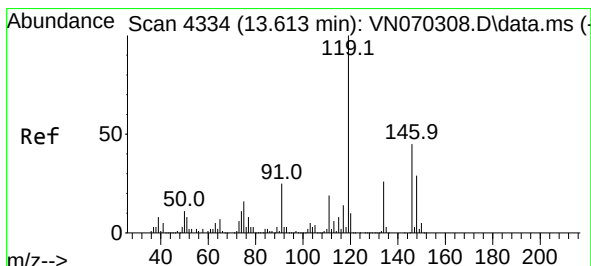
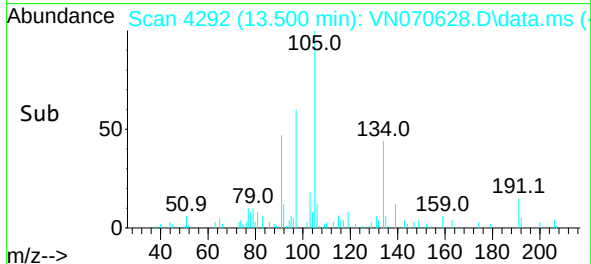
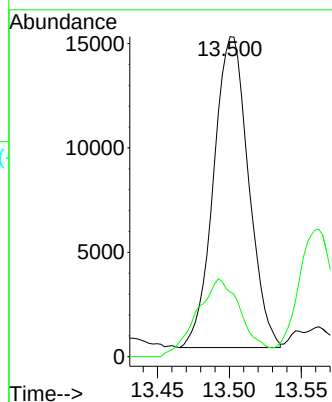
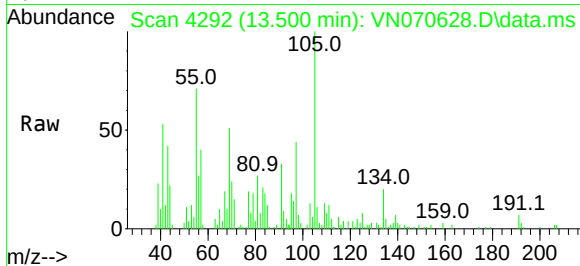




#85  
 sec-Butylbenzene  
 Concen: 0.554 ug/l  
 RT: 13.500 min Scan# 41  
 Delta R.T. -0.001 min  
 Lab File: VN070628.D  
 Acq: 14 Jan 2022 17:20

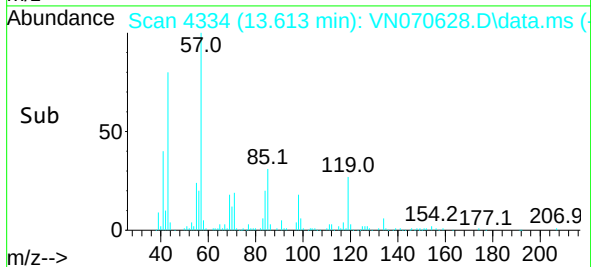
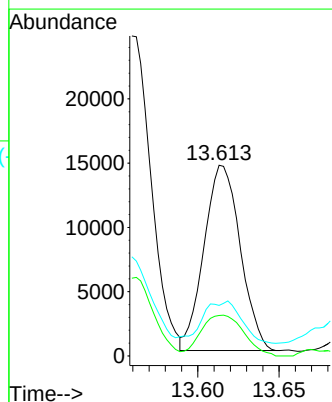
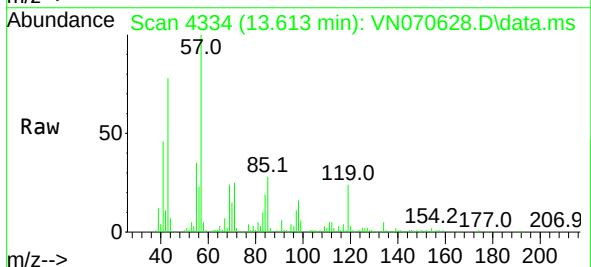
Instrument :  
 MSVOA\_N  
 ClientSampleId :

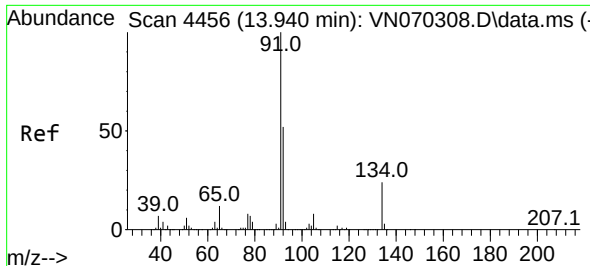
Tgt Ion:105 Resp: 25149  
 Ion Ratio Lower Upper  
 105 100  
 134 32.1 10.4 31.1#



#86  
 p-Isopropyltoluene  
 Concen: 0.628 ug/l  
 RT: 13.613 min Scan# 4334  
 Delta R.T. 0.000 min  
 Lab File: VN070628.D  
 Acq: 14 Jan 2022 17:20

Tgt Ion:119 Resp: 22370  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 13.6 40.7  
 91 23.5 11.4 34.1

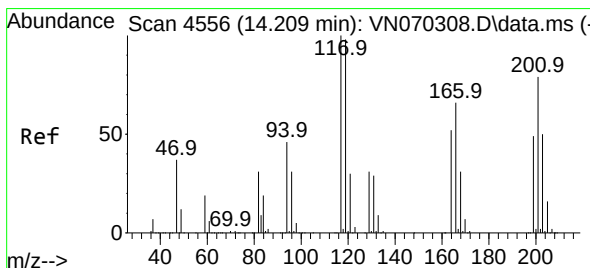
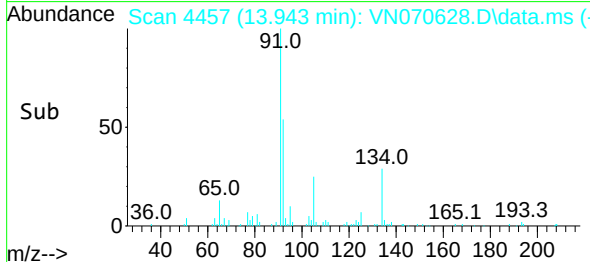
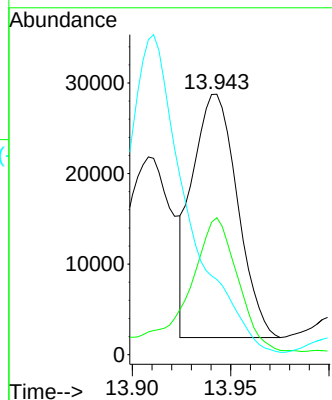
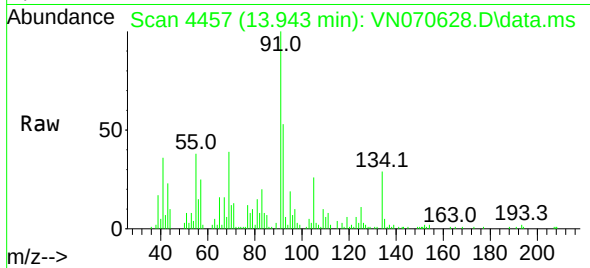




#89  
n-Butylbenzene  
Concen: 1.430 ug/l  
RT: 13.943 min Scan# 4456  
Delta R.T. 0.003 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

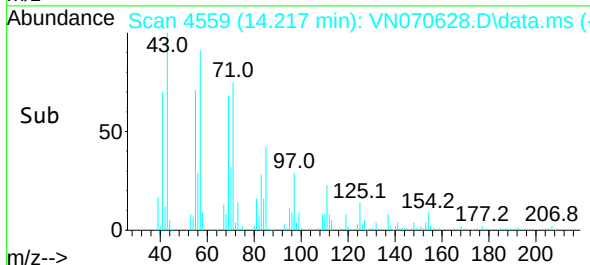
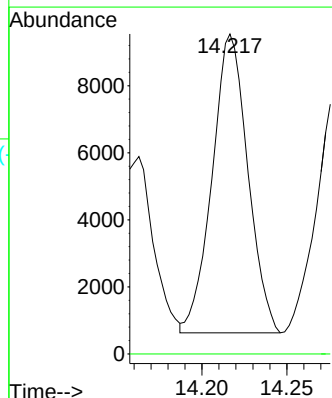
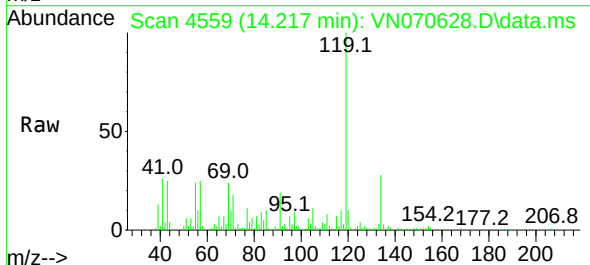
Instrument :  
MSVOA\_N  
ClientSampleId :

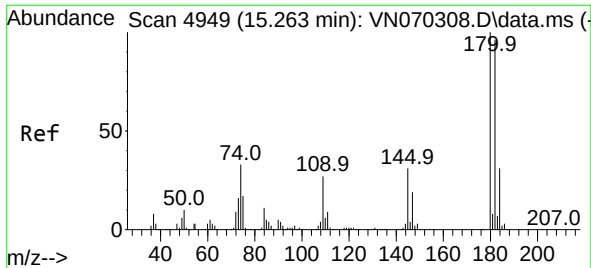
Tgt Ion: 91 Resp: 42520  
Ion Ratio Lower Upper  
91 100  
92 63.2 25.4 76.0  
134 0.0 13.6 40.8#



#90  
Hexachloroethane  
Concen: 2.105 ug/l  
RT: 14.217 min Scan# 4559  
Delta R.T. 0.008 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

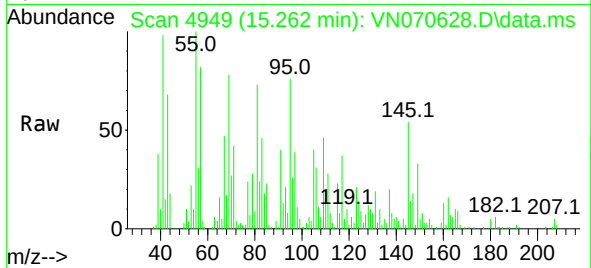
Tgt Ion: 117 Resp: 13033  
Ion Ratio Lower Upper  
117 100  
201 0.0 43.9 131.6#



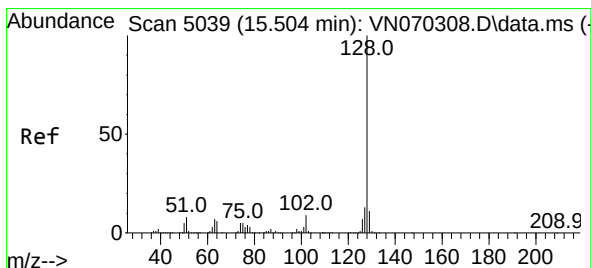
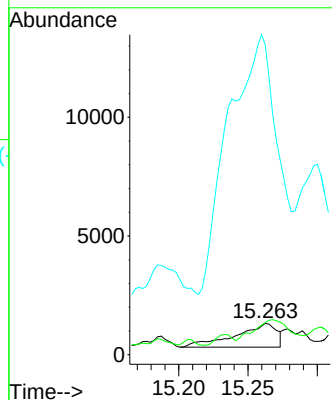
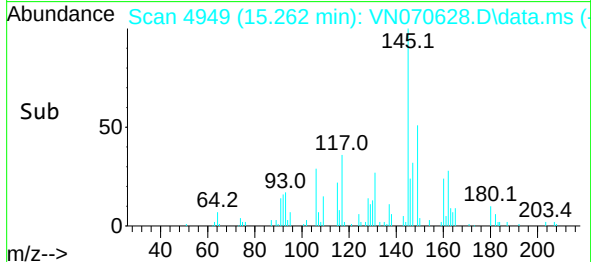


#93  
1,2,4-Trichlorobenzene  
Concen: 0.248 ug/l  
RT: 15.262 min Scan# 4949  
Delta R.T. -0.001 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20

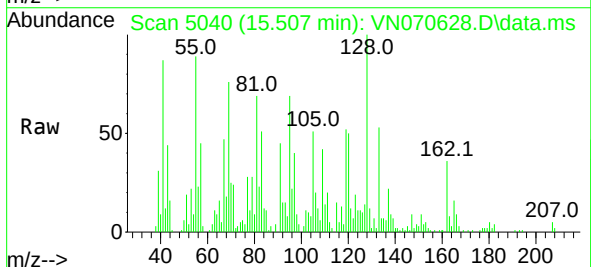
Instrument :  
MSVOA\_N  
ClientSampleId :



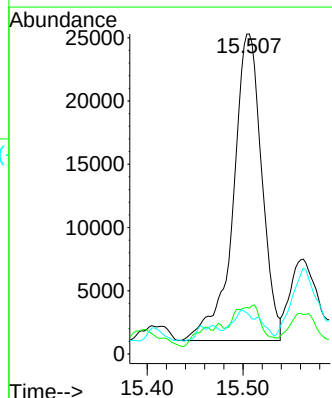
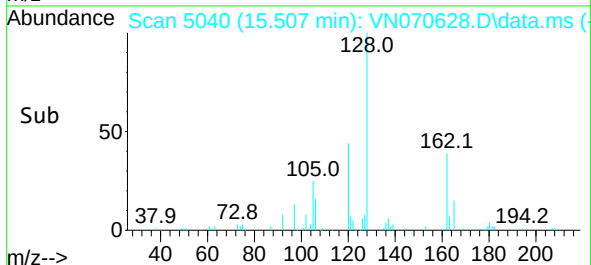
Tgt Ion:180 Resp: 2084  
Ion Ratio Lower Upper  
180 100  
182 70.5 48.3 144.9  
145 1289.4 14.5 43.5#

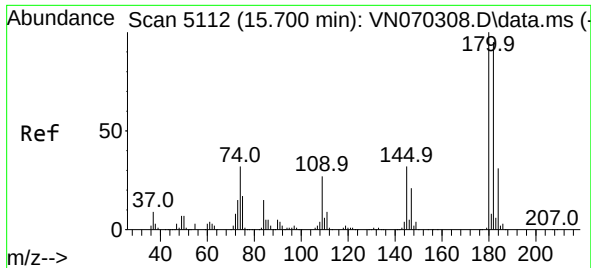


#95  
Naphthalene  
Concen: 3.884 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. 0.003 min  
Lab File: VN070628.D  
Acq: 14 Jan 2022 17:20



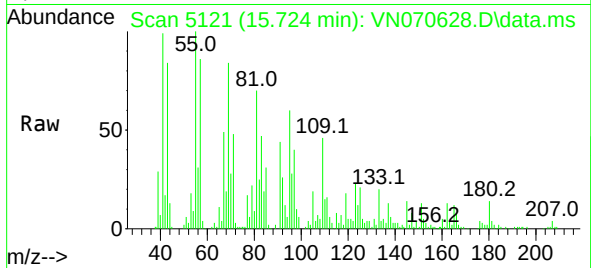
Tgt Ion:128 Resp: 50307  
Ion Ratio Lower Upper  
128 100  
127 9.3 10.5 15.7#  
129 3.8 8.7 13.1#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 1.595 ug/l  
 RT: 15.724 min Scan# 51  
 Delta R.T. 0.024 min  
 Lab File: VN070628.D  
 Acq: 14 Jan 2022 17:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion:180 Resp: 6288  
 Ion Ratio Lower Upper  
 180 100  
 182 0.0 47.4 142.2#  
 145 0.0 15.0 45.1#

