

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120922\  
 Data File : VN0756672.D  
 Acq On : 09 Dec 2022 17:19  
 Operator : JC\MD  
 Sample : VN1209WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 12 03:09:29 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120922W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 12 03:01:58 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 218356   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 348937   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 319715   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 159668   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |             |      |
|-----------------------------|--------|-------|----------|----------|-------------|------|
| System Monitoring Compounds |        |       |          |          |             |      |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 129041   | 55.698   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 111.400%  |      |
| 35) Dibromofluoromethane    | 8.171  | 113   | 118284   | 55.561   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 111.120%  |      |
| 50) Toluene-d8              | 10.571 | 98    | 453056   | 56.667   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 113.340%# |      |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 153405   | 56.119   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 112.240%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.136 | 85  | 29474  | 18.353  | ug/l   | 97  |
| 3) Chloromethane             | 2.377 | 50  | 36102  | 18.868  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.524 | 62  | 46314  | 19.705  | ug/l   | 95  |
| 5) Bromomethane              | 2.930 | 94  | 41340  | 20.651  | ug/l   | 89  |
| 6) Chloroethane              | 3.112 | 64  | 37661  | 21.476  | ug/l   | 94  |
| 7) Trichlorofluoromethane    | 3.501 | 101 | 68355  | 20.045  | ug/l   | 96  |
| 8) Diethyl Ether             | 3.971 | 74  | 25596  | 20.531  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 4.377 | 101 | 38945  | 19.460  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.595 | 142 | 64915  | 19.849  | ug/l   | 100 |
| 11) Tert butyl alcohol       | 5.536 | 59  | 35201  | 102.703 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.348 | 96  | 37194  | 19.883  | ug/l   | 99  |
| 13) Acrolein                 | 4.189 | 56  | 37678  | 95.449  | ug/l   | 96  |
| 14) Allyl chloride           | 5.030 | 41  | 47657  | 20.458  | ug/l   | 92  |
| 15) Acrylonitrile            | 5.730 | 53  | 89486  | 101.078 | ug/l   | 99  |
| 16) Acetone                  | 4.436 | 43  | 79739  | 101.630 | ug/l   | 100 |
| 17) Carbon Disulfide         | 4.718 | 76  | 93401  | 18.870  | ug/l   | 100 |
| 18) Methyl Acetate           | 5.036 | 43  | 46092  | 18.282  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.800 | 73  | 130188 | 20.690  | ug/l   | 98  |
| 20) Methylene Chloride       | 5.283 | 84  | 43208  | 18.473  | ug/l   | 94  |
| 21) trans-1,2-Dichloroethene | 5.795 | 96  | 40767  | 19.502  | ug/l   | 90  |
| 22) Diisopropyl ether        | 6.677 | 45  | 111152 | 20.971  | ug/l # | 97  |
| 23) Vinyl Acetate            | 6.612 | 43  | 416434 | 103.038 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.577 | 63  | 71360  | 20.454  | ug/l   | 95  |
| 25) 2-Butanone               | 7.489 | 43  | 115456 | 100.661 | ug/l   | 95  |
| 26) 2,2-Dichloropropane      | 7.500 | 77  | 59490  | 19.993  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.494 | 96  | 49457  | 19.488  | ug/l   | 96  |
| 28) Bromochloromethane       | 7.818 | 49  | 30084  | 21.566  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.847 | 42  | 69390  | 98.153  | ug/l   | 98  |
| 30) Chloroform               | 7.971 | 83  | 79757  | 20.639  | ug/l   | 95  |
| 31) Cyclohexane              | 8.259 | 56  | 63537  | 18.523  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 8.177 | 97  | 72668  | 20.382  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 57445  | 20.321  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.565 | 43  | 45845  | 20.199  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 64383  | 19.737  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.606 | 83  | 73713  | 20.564  | ug/l   | 97  |
| 40) Benzene                  | 8.612 | 78  | 177356 | 20.443  | ug/l   | 98  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120922\  
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 Operator : JC\MD  
 Sample : VN1209WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 12 03:09:29 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120922W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 12 03:01:58 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.783  | 41   | 22420    | 19.265  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 57572    | 19.838  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 77574    | 20.473  | ug/l   | 98       |
| 44) Trichloroethene           | 9.353  | 130  | 48927    | 19.991  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 41627    | 20.175  | ug/l   | 99       |
| 46) Dibromomethane            | 9.712  | 93   | 31458    | 20.307  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.888  | 83   | 62644    | 20.625  | ug/l   | 94       |
| 48) Methyl methacrylate       | 9.682  | 41   | 35320    | 20.239  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 18224    | 429.597 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 237081   | 101.472 | ug/l   | 98       |
| 52) Toluene                   | 10.630 | 92   | 118685   | 20.698  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 61409    | 20.471  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 69813    | 20.918  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 47767    | 21.186  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 62763    | 20.544  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 74058    | 20.322  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 95621    | 106.009 | ug/l   | 98       |
| 59) 2-Hexanone                | 11.200 | 43   | 174577   | 102.846 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.359 | 129  | 51325    | 20.688  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 46660    | 19.753  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 43957    | 18.875  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.894 | 112  | 129046   | 19.617  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 48668    | 20.335  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.965 | 91   | 224267   | 20.153  | ug/l   | 97       |
| 68) m/p-Xylenes               | 12.071 | 106  | 183326   | 40.771  | ug/l   | 98       |
| 69) o-Xylene                  | 12.400 | 106  | 91003    | 20.856  | ug/l   | 98       |
| 70) Styrene                   | 12.412 | 104  | 144645   | 20.669  | ug/l   | 100      |
| 71) Bromoform                 | 12.582 | 173  | 37454    | 20.646  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.700 | 105  | 232103   | 20.245  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 66197    | 19.873  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 67489    | 19.597  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 77098    | 24.044  | ug/l   | 77       |
| 77) Bromobenzene              | 12.982 | 156  | 56966    | 19.759  | ug/l   | 99       |
| 78) n-propylbenzene           | 13.041 | 91   | 258383   | 20.311  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 156189   | 19.887  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 198518   | 20.712  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 16410    | 18.464  | ug/l # | 81       |
| 82) 4-Chlorotoluene           | 13.129 | 91   | 156189   | 19.887  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 175576   | 20.200  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 201719   | 20.940  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 243119   | 20.346  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 206199   | 20.623  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 105682   | 19.600  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 106474   | 19.414  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.059 | 91   | 160049   | 19.972  | ug/l   | 100      |
| 90) Hexachloroethane          | 14.335 | 117  | 35127    | 20.511  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 105548   | 19.673  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 10926    | 19.307  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 53523    | 20.779  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 29196    | 19.977  | ug/l   | 98       |
| 95) Naphthalene               | 15.647 | 128  | 147843   | 19.420  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 50154    | 19.815  | ug/l   | 96       |

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Operator : JC\MD  
Sample : VN1209WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 15 Sample Multiplier: 1

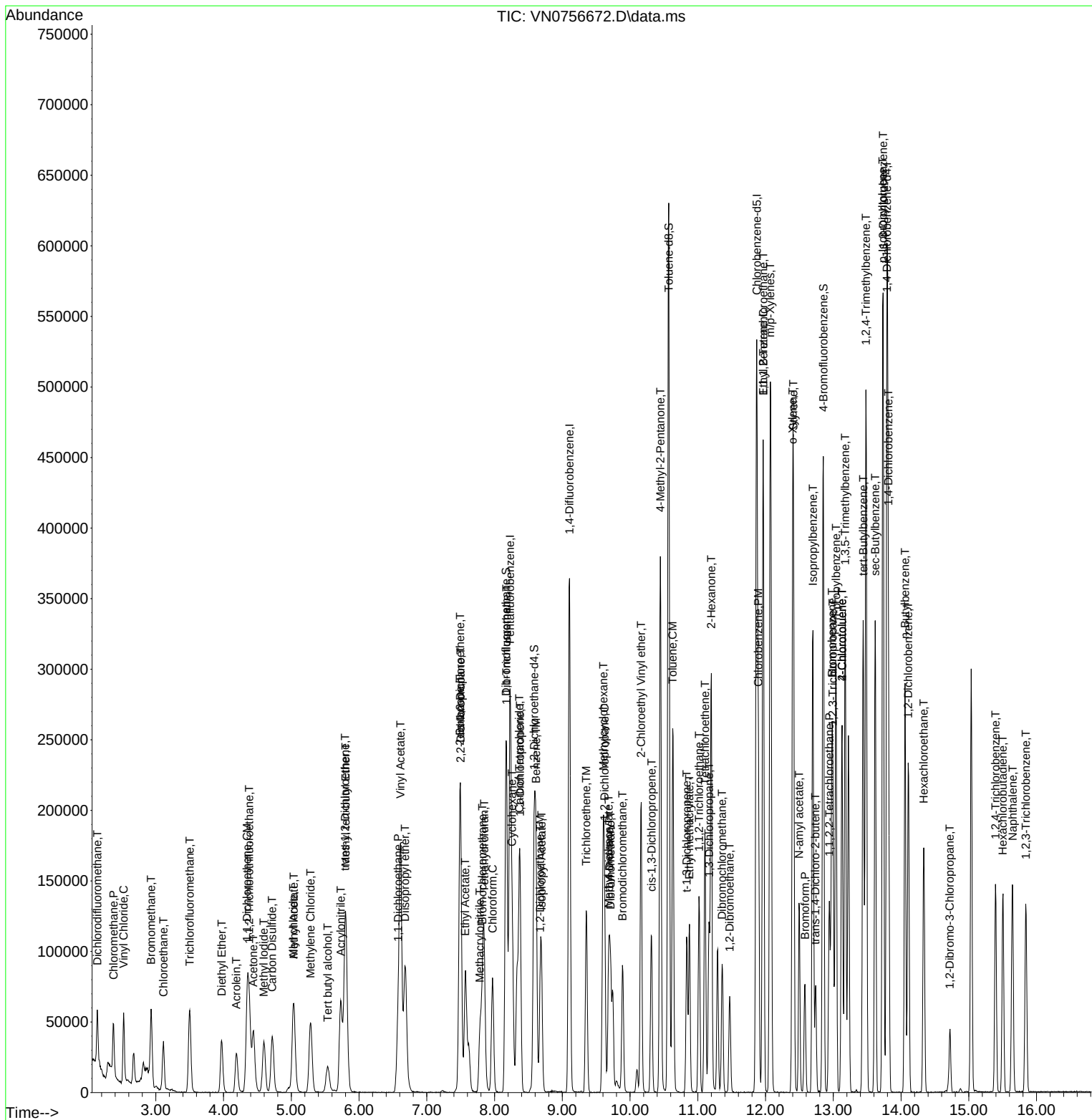
Instrument :  
MSVOA\_N  
ClientSampleId :

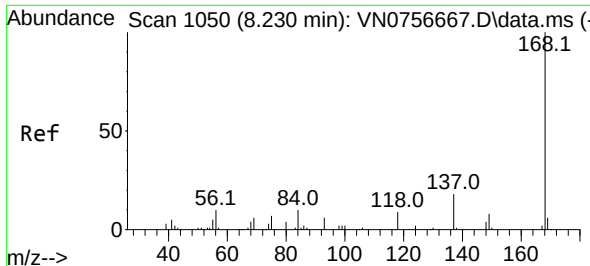
Quant Time: Dec 12 03:09:29 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120922W.M  
Quant Title : SW846 8260  
QLast Update : Mon Dec 12 03:01:58 2022  
Response via : Initial Calibration

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

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

Quant Time: Dec 12 03:09:29 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120922W.M  
Quant Title : SW846 8260  
QLast Update : Mon Dec 12 03:01:58 2022  
Response via : Initial Calibration

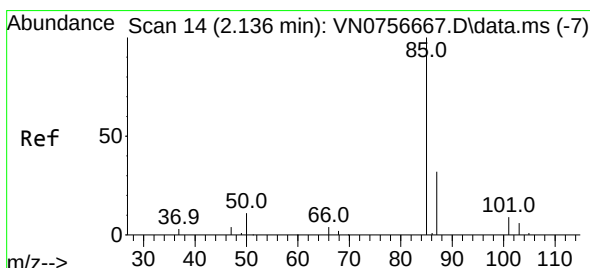
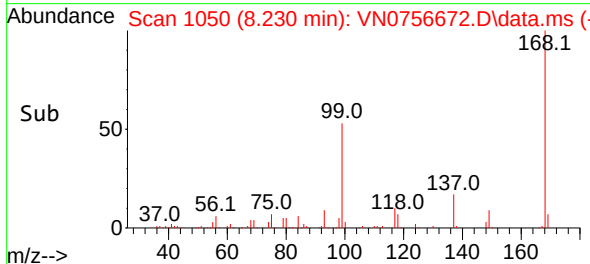
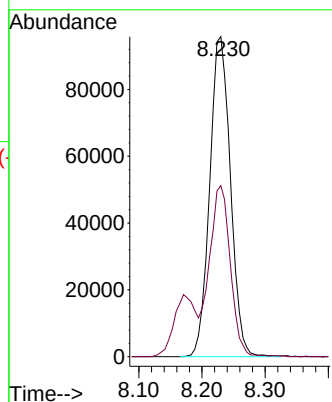
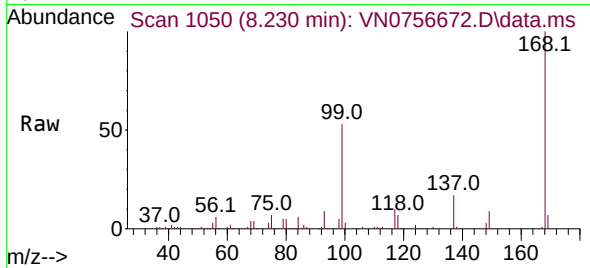




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

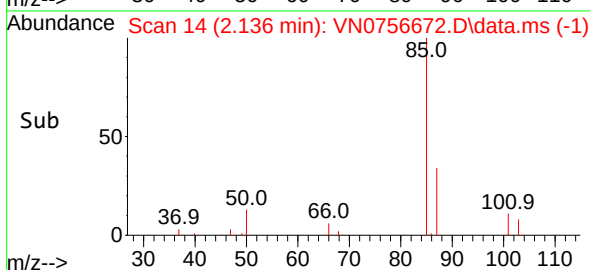
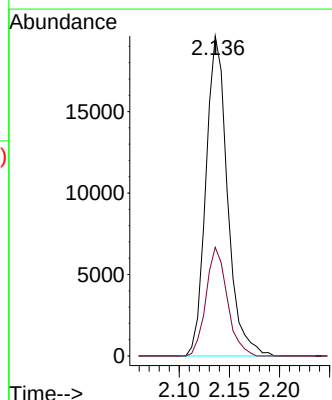
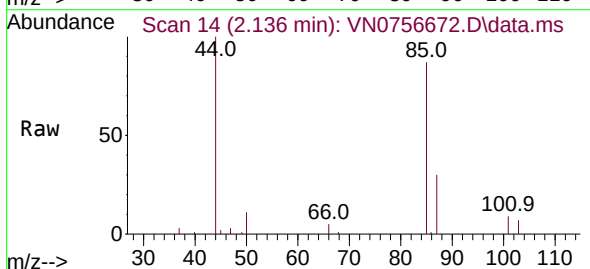
Instrument :  
MSVOA\_N  
ClientSampleId :

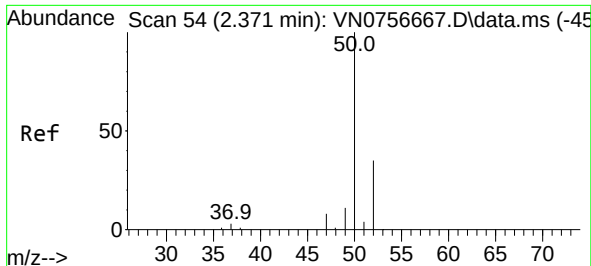
Tgt Ion:168 Resp: 218356  
Ion Ratio Lower Upper  
168 100  
99 53.3 41.2 61.8



#2  
Dichlorodifluoromethane  
Concen: 18.353 ug/l  
RT: 2.136 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion: 85 Resp: 29474  
Ion Ratio Lower Upper  
85 100  
87 33.9 16.1 48.2





#3

Chloromethane

Concen: 18.868 ug/l

RT: 2.377 min Scan# 50

Delta R.T. 0.006 min

Lab File: VN0756672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA\_N

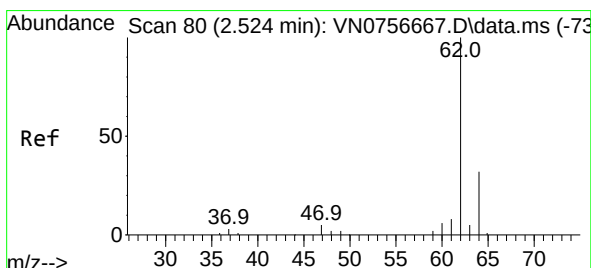
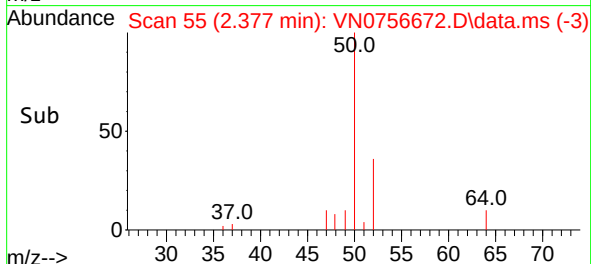
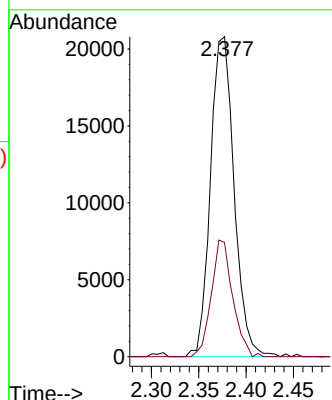
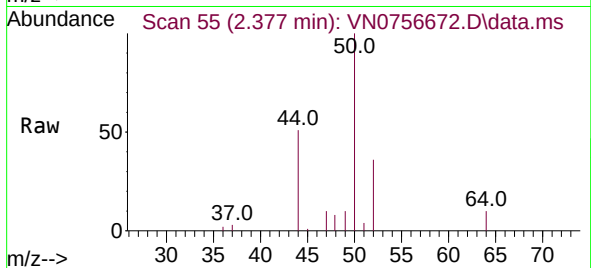
ClientSampleId :

Tgt Ion: 50 Resp: 36102

Ion Ratio Lower Upper

50 100

52 35.7 27.9 41.9



#4

Vinyl Chloride

Concen: 19.705 ug/l

RT: 2.524 min Scan# 80

Delta R.T. 0.000 min

Lab File: VN0756672.D

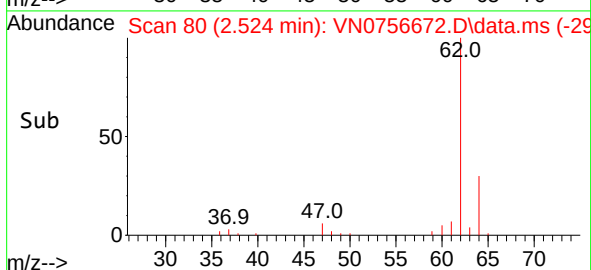
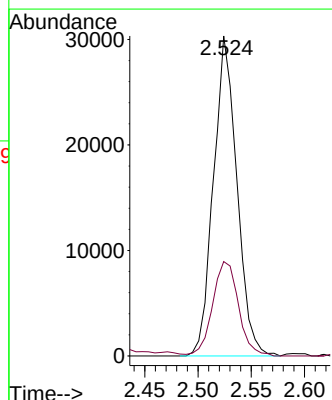
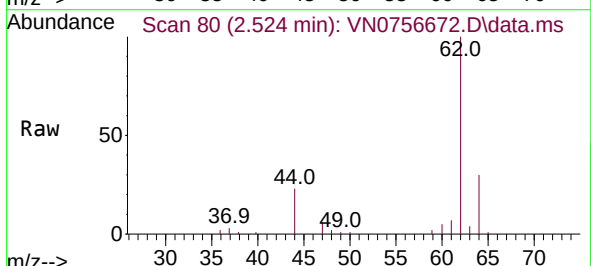
Acq: 09 Dec 2022 17:19

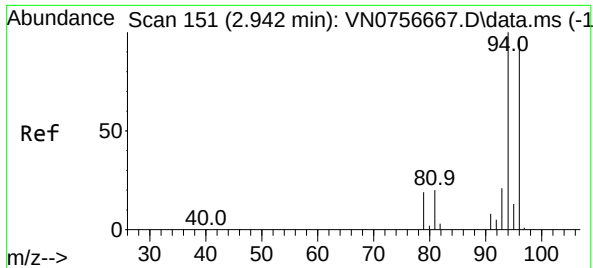
Tgt Ion: 62 Resp: 46314

Ion Ratio Lower Upper

62 100

64 29.5 25.9 38.9

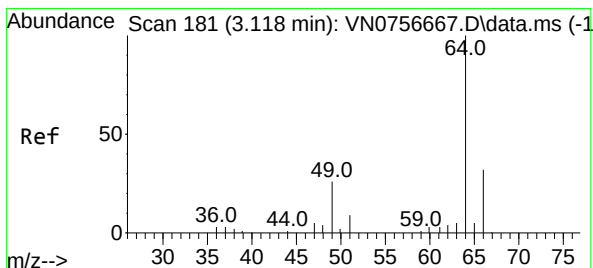
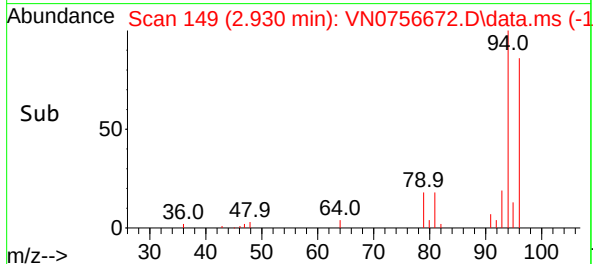
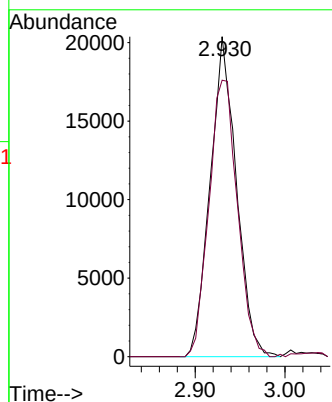
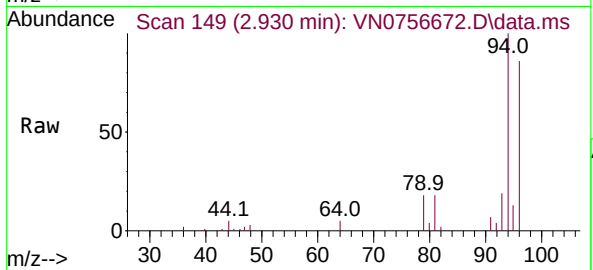




#5  
Bromomethane  
Concen: 20.651 ug/l  
RT: 2.930 min Scan# 14  
Delta R.T. -0.012 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

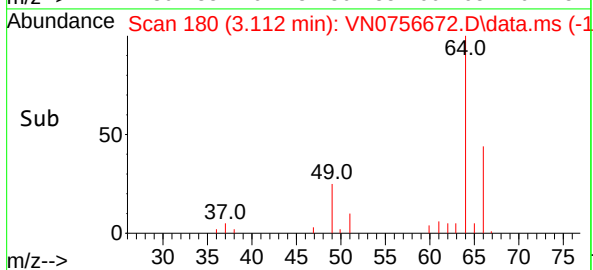
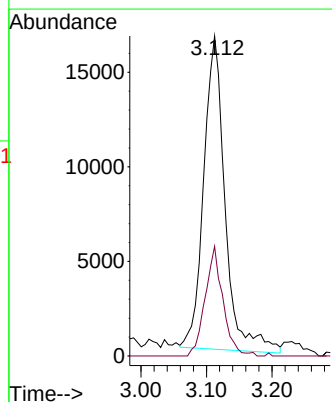
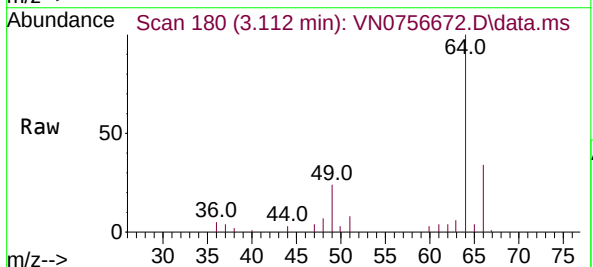
Instrument :  
MSVOA\_N  
ClientSampleId :

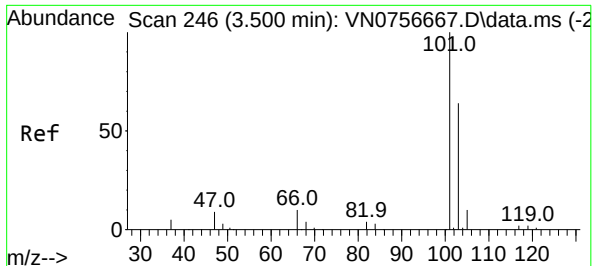
Tgt Ion: 94 Resp: 41340  
Ion Ratio Lower Upper  
94 100  
96 86.4 77.6 116.4



#6  
Chloroethane  
Concen: 21.476 ug/l  
RT: 3.112 min Scan# 180  
Delta R.T. -0.006 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion: 64 Resp: 37661  
Ion Ratio Lower Upper  
64 100  
66 35.2 25.7 38.5

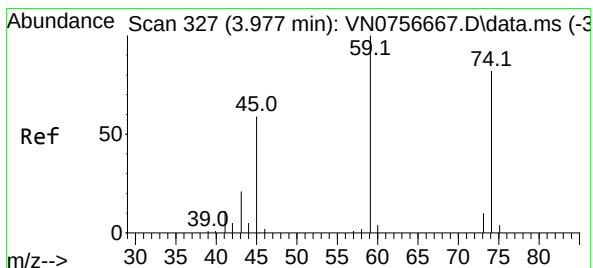
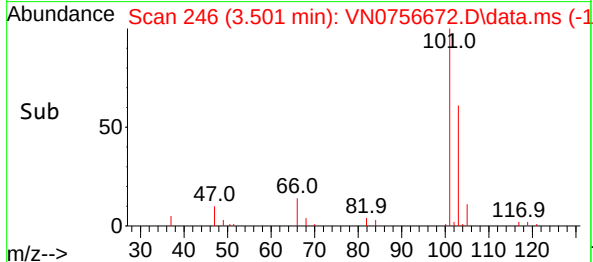
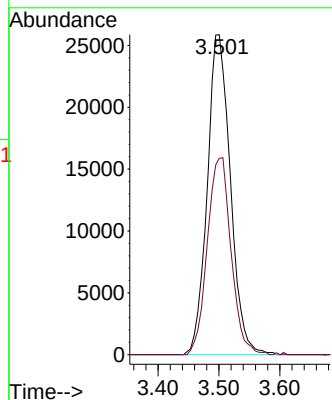
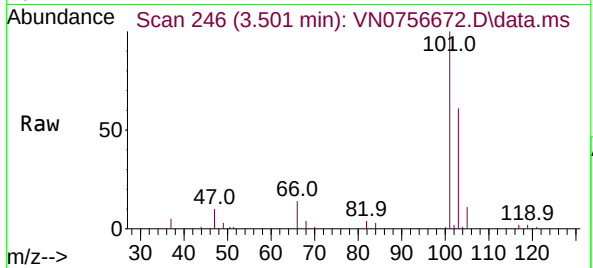




#7  
Trichlorofluoromethane  
Concen: 20.045 ug/l  
RT: 3.501 min Scan# 246  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

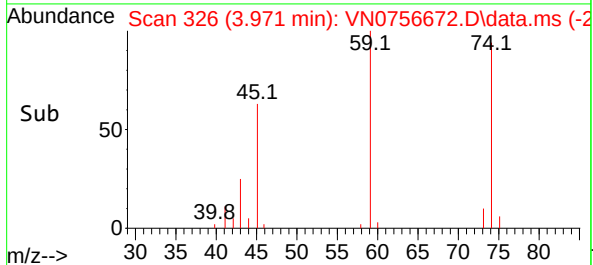
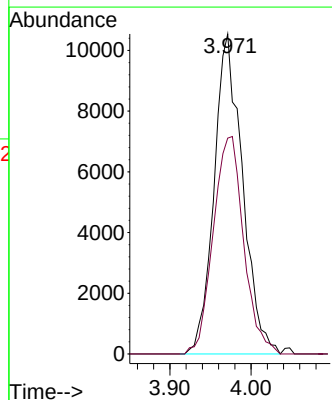
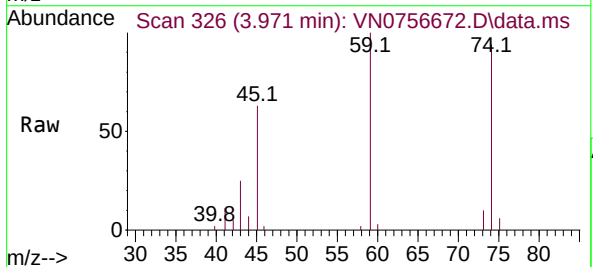
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:101 Resp: 68355  
Ion Ratio Lower Upper  
101 100  
103 61.4 51.4 77.2

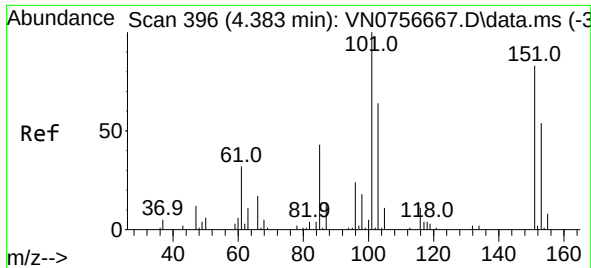


#8  
Diethyl Ether  
Concen: 20.531 ug/l  
RT: 3.971 min Scan# 326  
Delta R.T. -0.006 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion: 74 Resp: 25596  
Ion Ratio Lower Upper  
74 100  
45 72.8 36.8 110.4



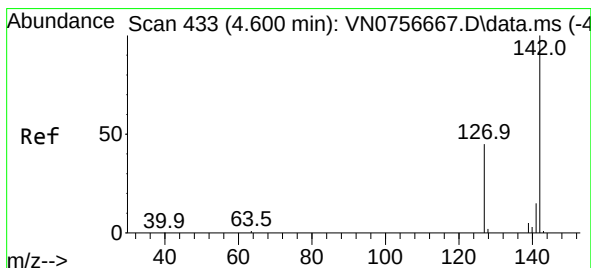
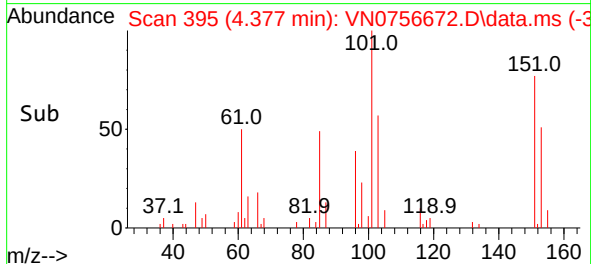
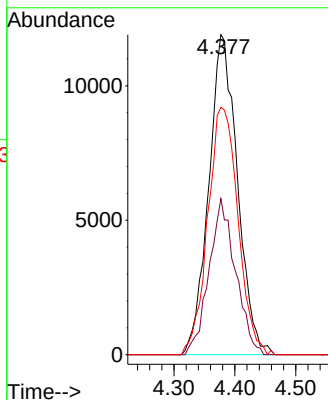
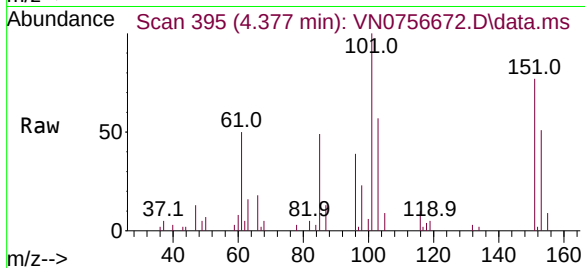




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 19.460 ug/l  
 RT: 4.377 min Scan# 395  
 Delta R.T. -0.006 min  
 Lab File: VN0756672.D  
 Acq: 09 Dec 2022 17:19

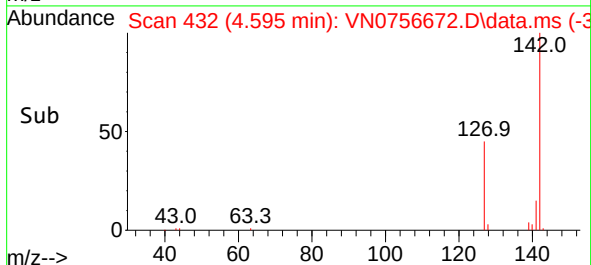
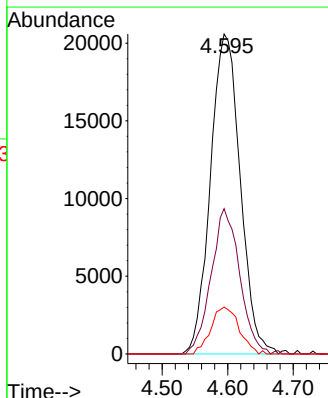
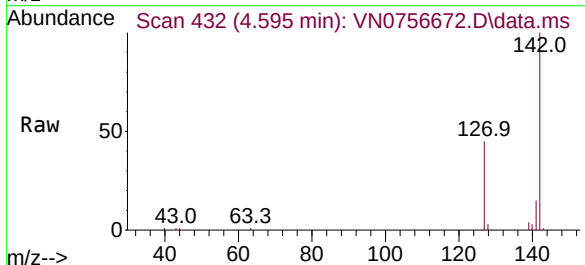
Instrument :  
 MSVOA\_N  
 ClientSampleId :

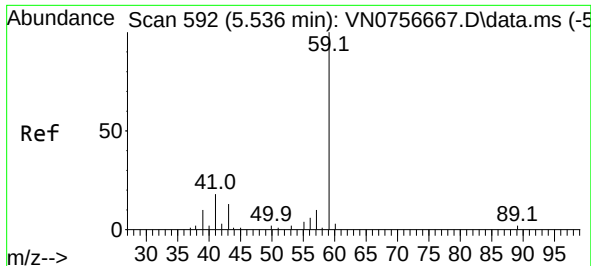
Tgt Ion:101 Resp: 38945  
 Ion Ratio Lower Upper  
 101 100  
 85 45.2 35.3 52.9  
 151 81.4 65.6 98.4



#10  
 Methyl Iodide  
 Concen: 19.849 ug/l  
 RT: 4.595 min Scan# 432  
 Delta R.T. -0.006 min  
 Lab File: VN0756672.D  
 Acq: 09 Dec 2022 17:19

Tgt Ion:142 Resp: 64915  
 Ion Ratio Lower Upper  
 142 100  
 127 43.5 35.0 52.4  
 141 13.9 11.4 17.2





#11

Tert butyl alcohol

Concen: 102.703 ug/l

RT: 5.536 min Scan# 59

Delta R.T. 0.000 min

Lab File: VN0756672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA\_N

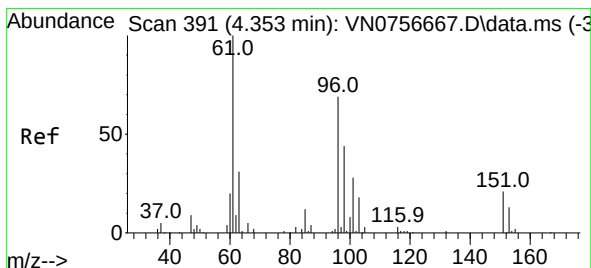
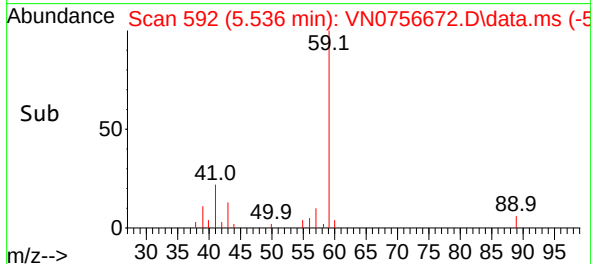
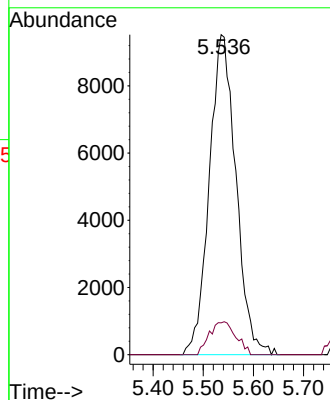
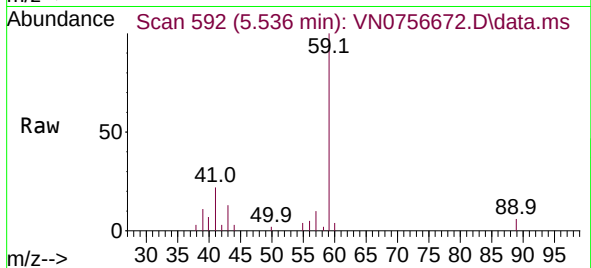
ClientSampleId :

Tgt Ion: 59 Resp: 35201

Ion Ratio Lower Upper

59 100

57 10.2 8.2 12.4



#12

1,1-Dichloroethene

Concen: 19.883 ug/l

RT: 4.348 min Scan# 390

Delta R.T. -0.006 min

Lab File: VN0756672.D

Acq: 09 Dec 2022 17:19

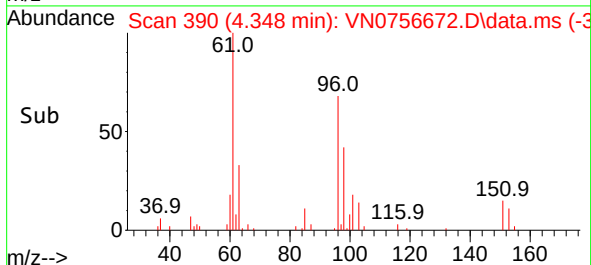
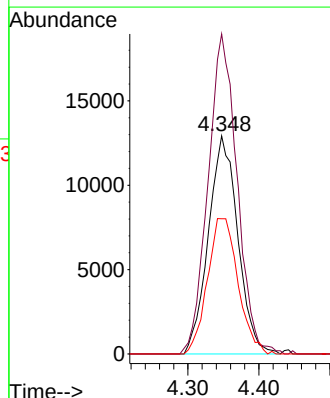
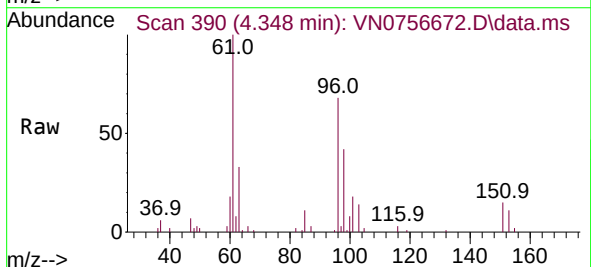
Tgt Ion: 96 Resp: 37194

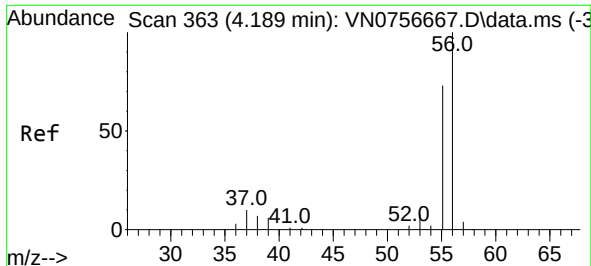
Ion Ratio Lower Upper

96 100

61 146.7 116.8 175.2

98 62.0 51.6 77.4





#13

Acrolein

Concen: 95.449 ug/l

RT: 4.189 min Scan# 3

Delta R.T. 0.000 min

Lab File: VN0756672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA\_N

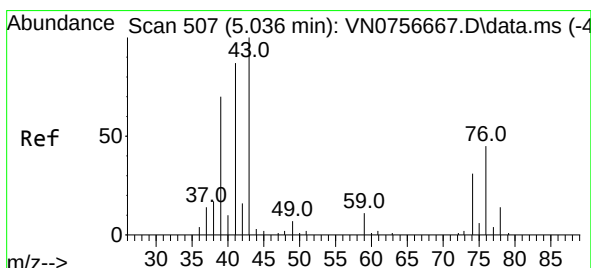
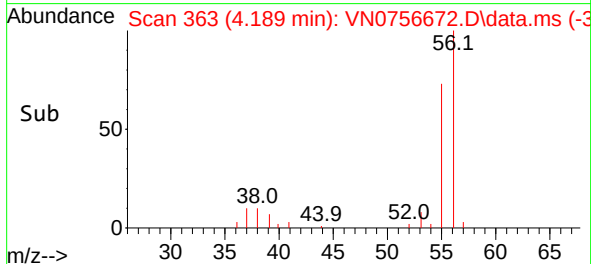
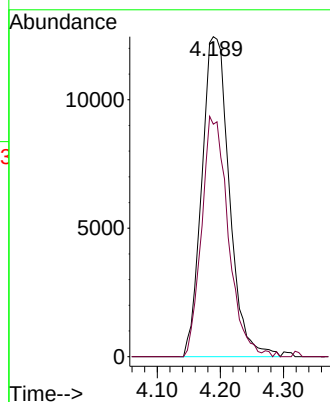
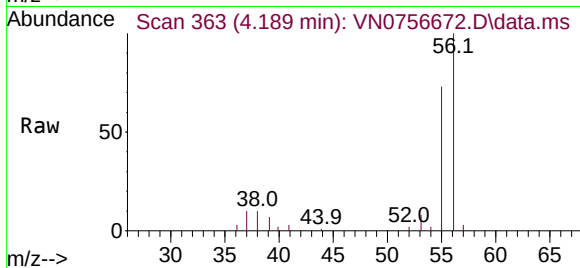
ClientSampleId :

Tgt Ion: 56 Resp: 37678

Ion Ratio Lower Upper

56 100

55 72.7 55.7 83.5



#14

Allyl chloride

Concen: 20.458 ug/l

RT: 5.030 min Scan# 506

Delta R.T. -0.006 min

Lab File: VN0756672.D

Acq: 09 Dec 2022 17:19

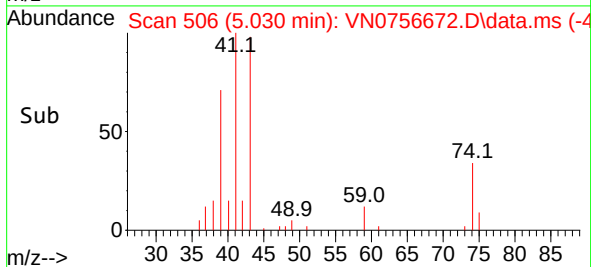
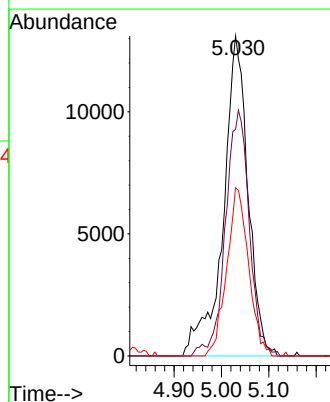
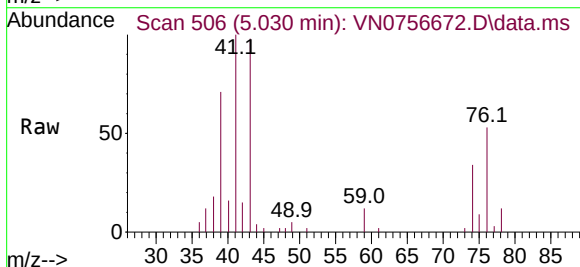
Tgt Ion: 41 Resp: 47657

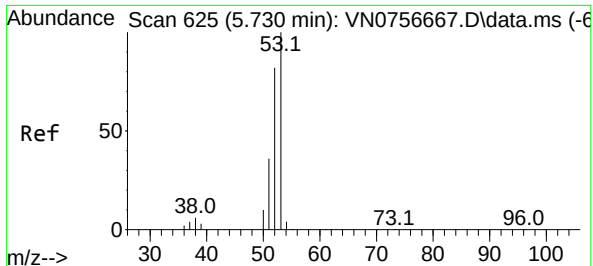
Ion Ratio Lower Upper

41 100

39 73.6 64.6 96.8

76 46.4 40.9 61.3

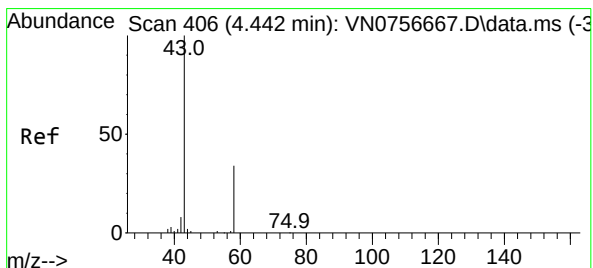
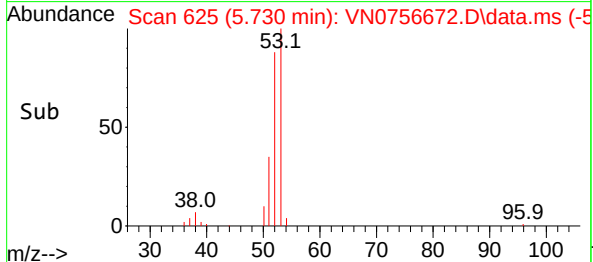
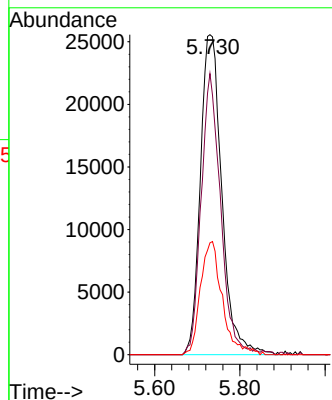
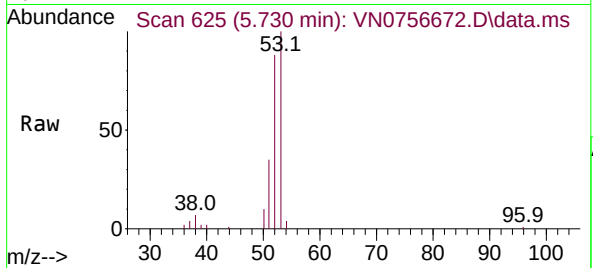




#15  
Acrylonitrile  
Concen: 101.078 ug/l  
RT: 5.730 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

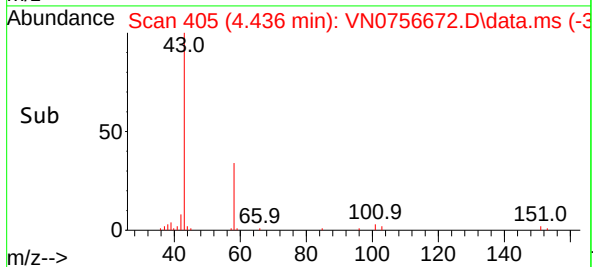
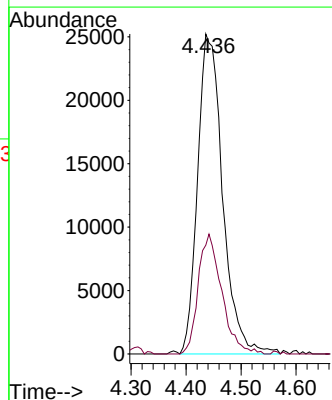
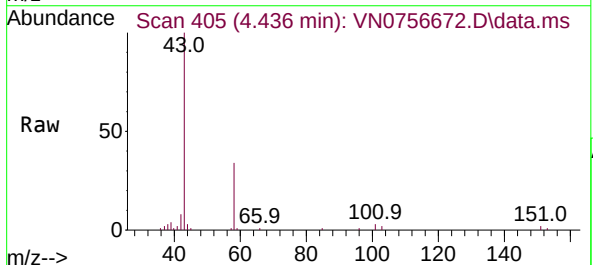
Instrument :  
MSVOA\_N  
ClientSampleId :

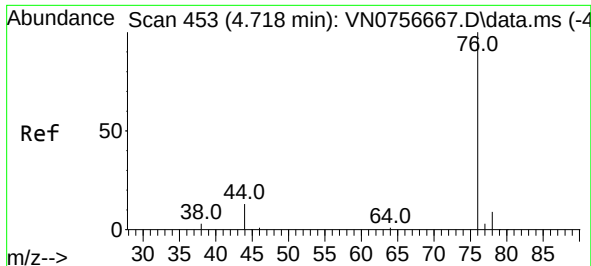
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 53 | Resp: | 89486     |
| Ion Ratio   | Lower | Upper     |
| 53          | 100   |           |
| 52          | 79.7  | 65.0 97.4 |
| 51          | 35.9  | 28.9 43.3 |



#16  
Acetone  
Concen: 101.630 ug/l  
RT: 4.436 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 43 | Resp: | 79739     |
| Ion Ratio   | Lower | Upper     |
| 43          | 100   |           |
| 58          | 34.0  | 27.0 40.4 |

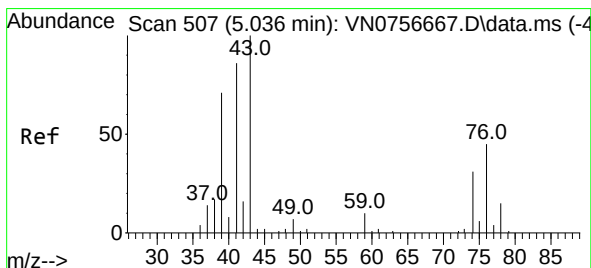
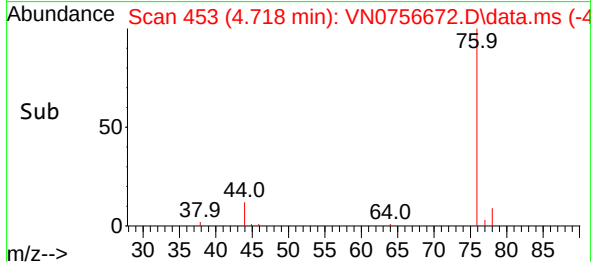
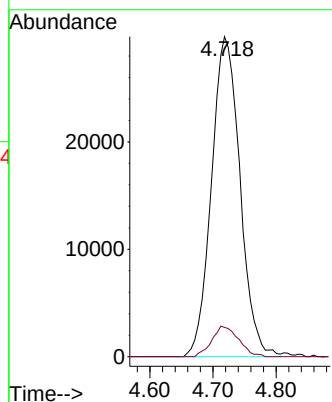
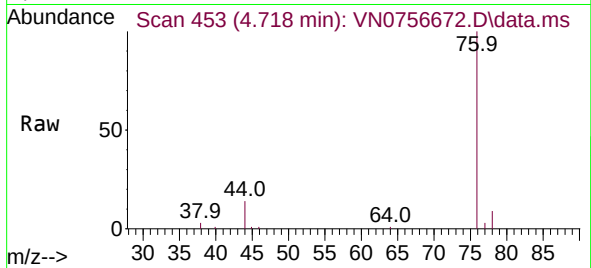




#17  
Carbon Disulfide  
Concen: 18.870 ug/l  
RT: 4.718 min Scan# 453  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

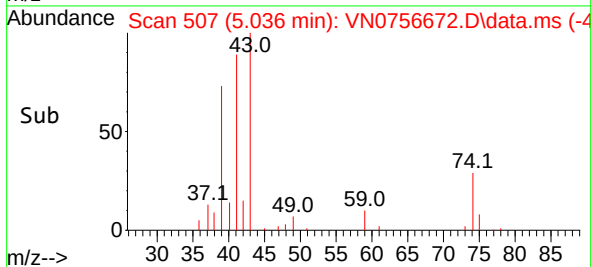
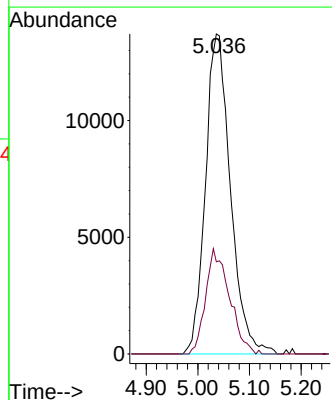
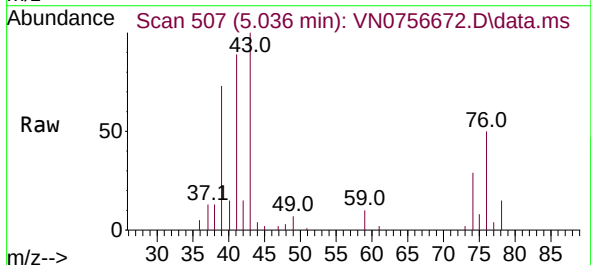
Instrument :  
MSVOA\_N  
ClientSampleId :

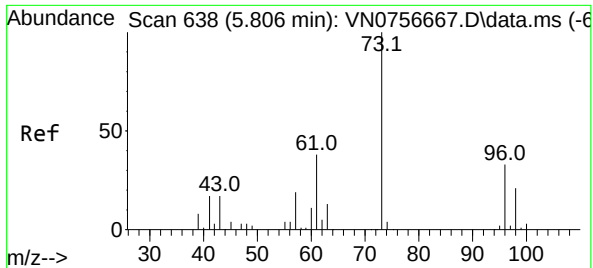
Tgt Ion: 76 Resp: 93401  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.2



#18  
Methyl Acetate  
Concen: 18.282 ug/l  
RT: 5.036 min Scan# 507  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion: 43 Resp: 46092  
Ion Ratio Lower Upper  
43 100  
74 31.3 24.5 36.7

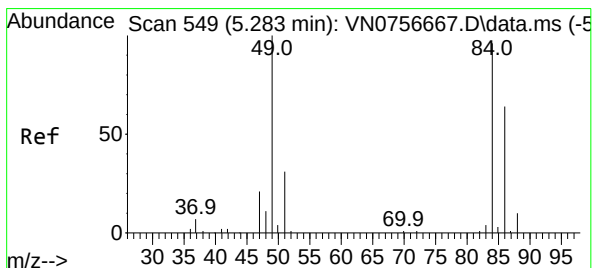
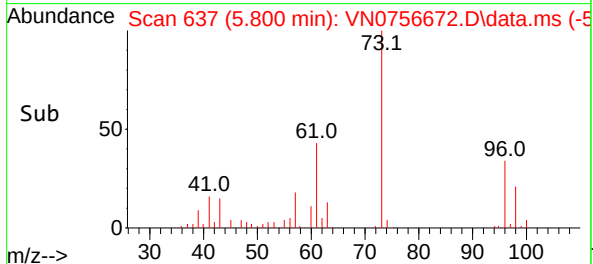
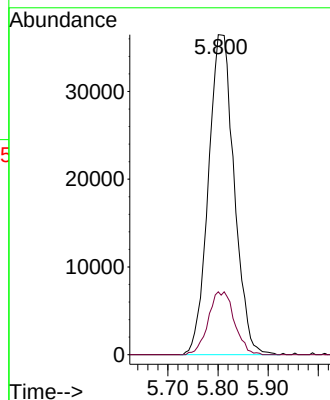
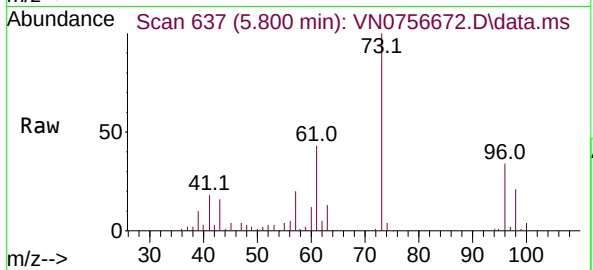




#19  
Methyl tert-butyl Ether  
Concen: 20.690 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

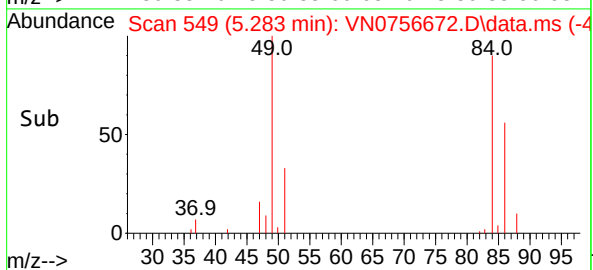
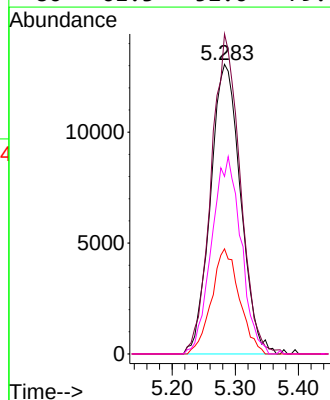
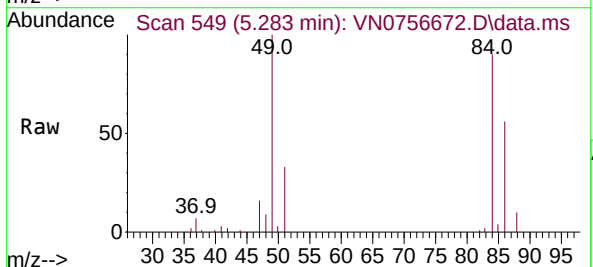
Instrument :  
MSVOA\_N  
ClientSampleId :

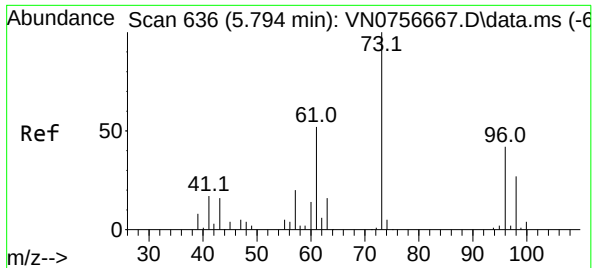
Tgt Ion: 73 Resp: 130188  
Ion Ratio Lower Upper  
73 100  
57 19.7 15.1 22.7



#20  
Methylene Chloride  
Concen: 18.473 ug/l  
RT: 5.283 min Scan# 549  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion: 84 Resp: 43208  
Ion Ratio Lower Upper  
84 100  
49 110.5 83.0 124.4  
51 36.3 26.0 39.0  
86 61.3 52.6 79.0

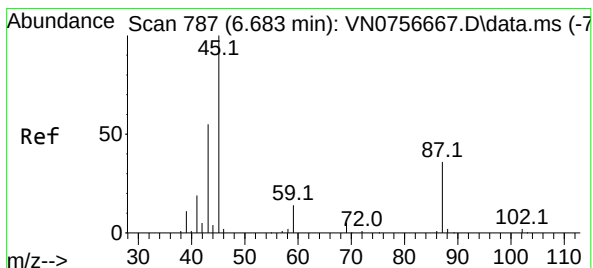
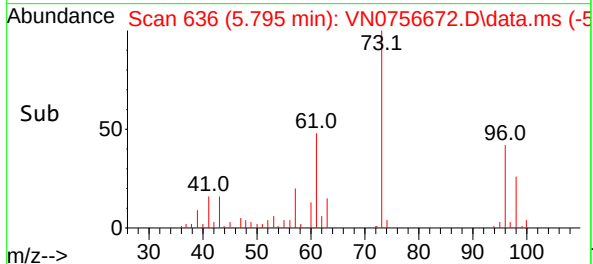
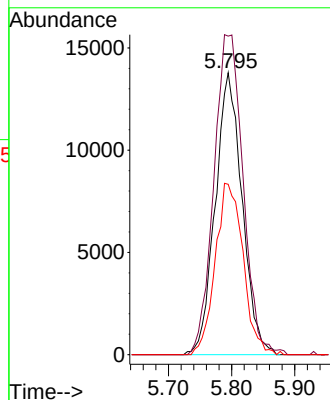
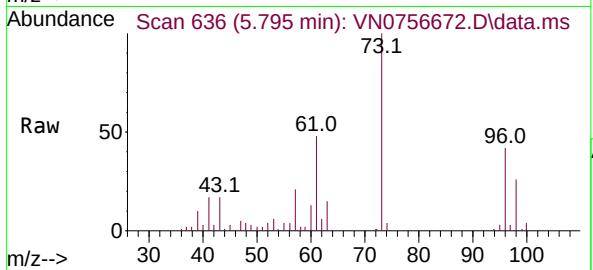




#21  
trans-1,2-Dichloroethene  
Concen: 19.502 ug/l  
RT: 5.795 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

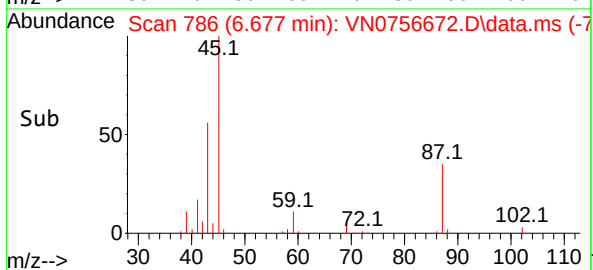
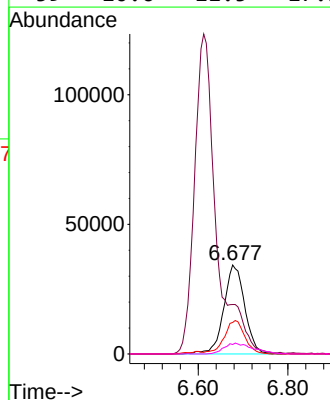
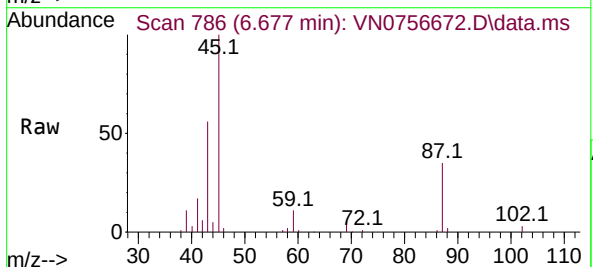
Instrument :  
MSVOA\_N  
ClientSampleId :

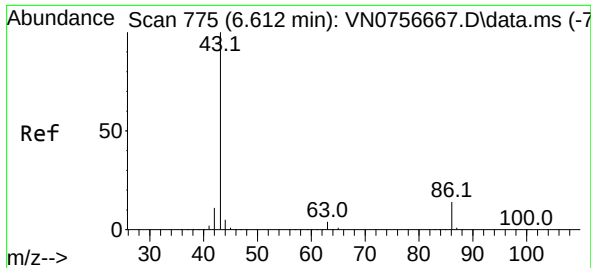
Tgt Ion: 96 Resp: 40767  
Ion Ratio Lower Upper  
96 100  
61 113.0 100.5 150.7  
98 60.4 52.7 79.1



#22  
Diisopropyl ether  
Concen: 20.971 ug/l  
RT: 6.677 min Scan# 786  
Delta R.T. -0.006 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion: 45 Resp: 111152  
Ion Ratio Lower Upper  
45 100  
43 53.8 44.9 67.3  
87 35.4 28.8 43.2  
59 10.6 11.5 17.3#

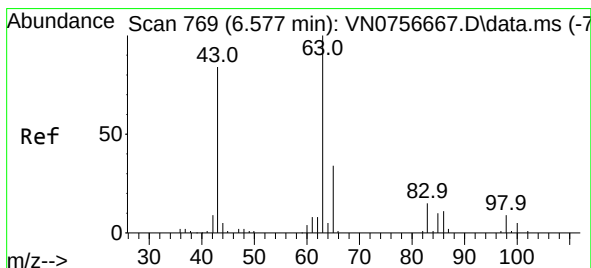
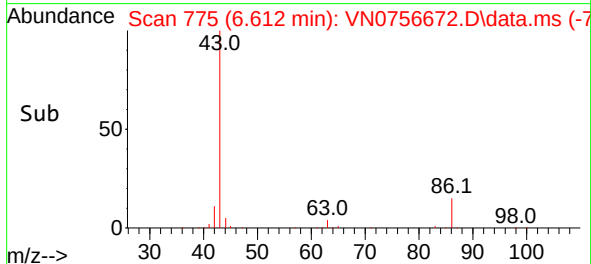
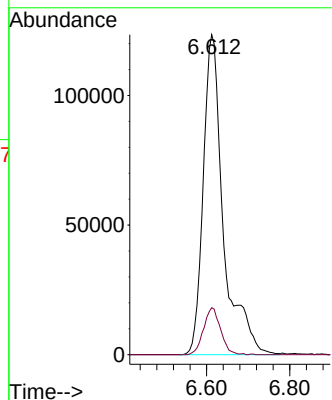
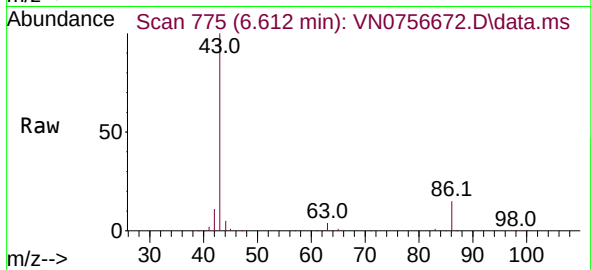




#23  
 Vinyl Acetate  
 Concen: 103.038 ug/l  
 RT: 6.612 min Scan# 775  
 Delta R.T. 0.000 min  
 Lab File: VN0756672.D  
 Acq: 09 Dec 2022 17:19

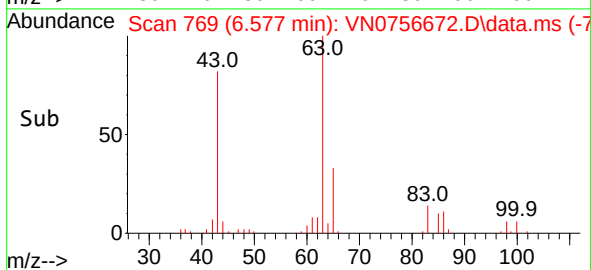
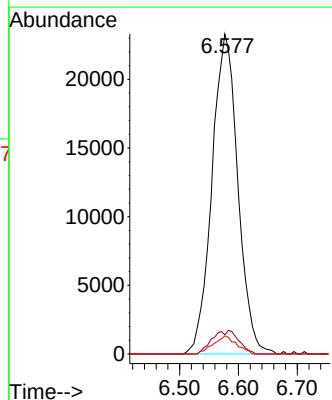
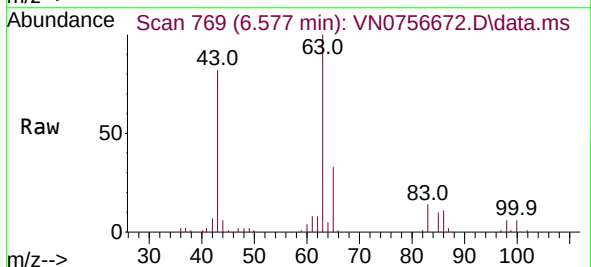
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 43 Resp: 416434  
 Ion Ratio Lower Upper  
 43 100  
 86 14.7 11.5 17.3

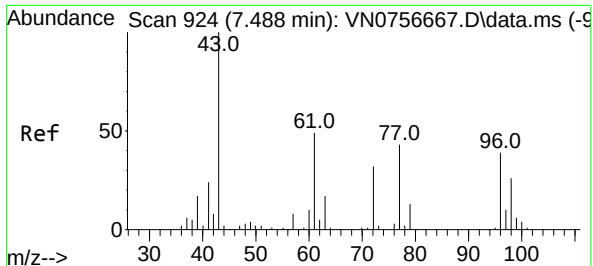


#24  
 1,1-Dichloroethane  
 Concen: 20.454 ug/l  
 RT: 6.577 min Scan# 769  
 Delta R.T. 0.000 min  
 Lab File: VN0756672.D  
 Acq: 09 Dec 2022 17:19

Tgt Ion: 63 Resp: 71360  
 Ion Ratio Lower Upper  
 63 100  
 98 6.0 4.3 12.9  
 100 5.7 2.6 7.8







#25

2-Butanone

Concen: 100.661 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN0756672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA\_N

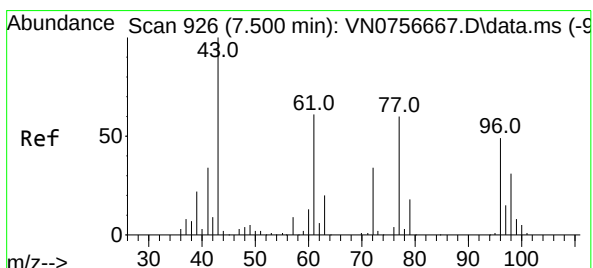
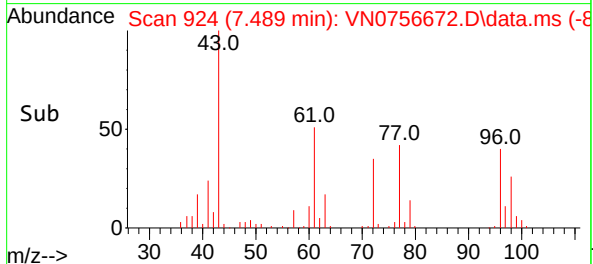
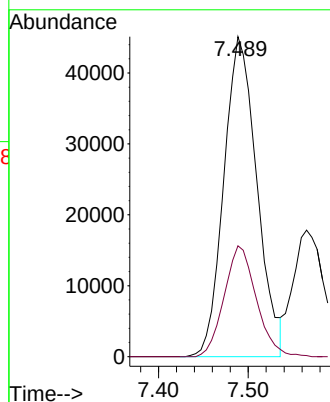
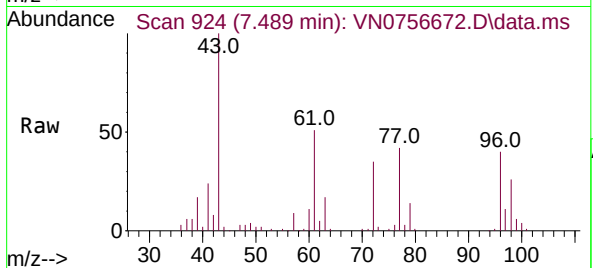
ClientSampleId :

Tgt Ion: 43 Resp: 115456

Ion Ratio Lower Upper

43 100

72 34.6 25.3 37.9



#26

2,2-Dichloropropane

Concen: 19.993 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN0756672.D

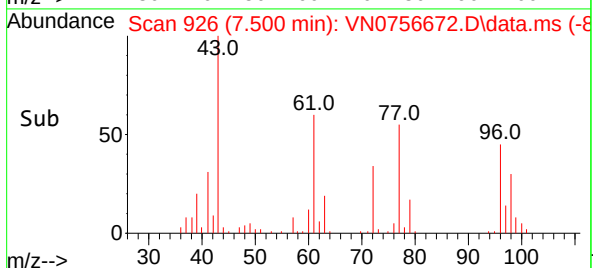
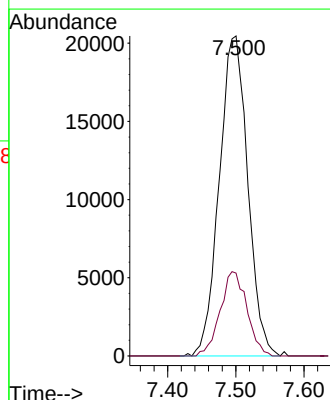
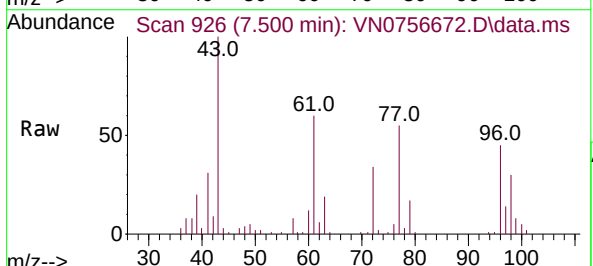
Acq: 09 Dec 2022 17:19

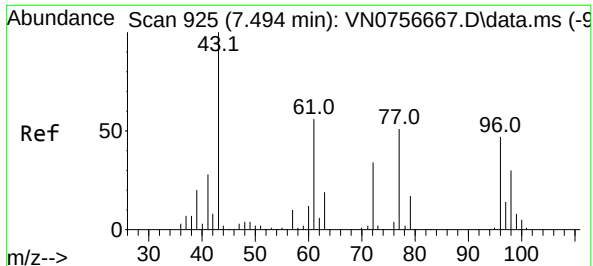
Tgt Ion: 77 Resp: 59490

Ion Ratio Lower Upper

77 100

97 24.7 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 19.488 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN0756672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA\_N

ClientSampleId :

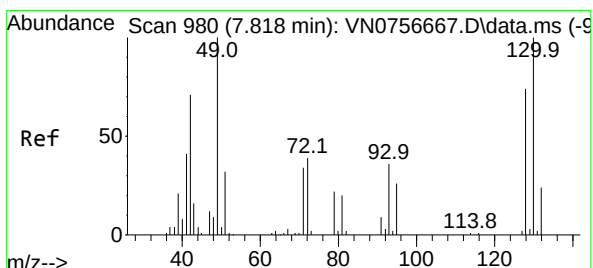
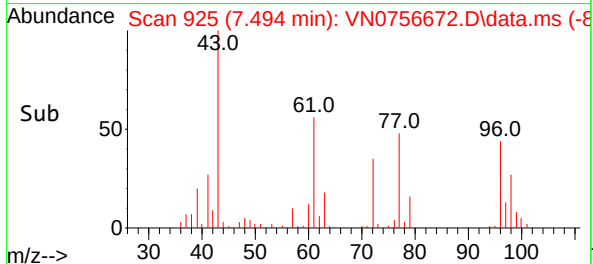
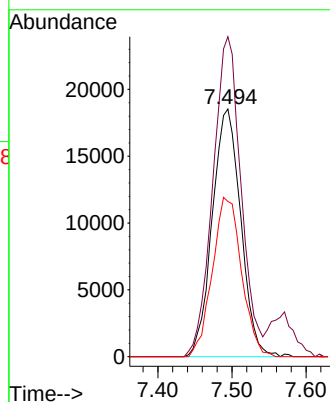
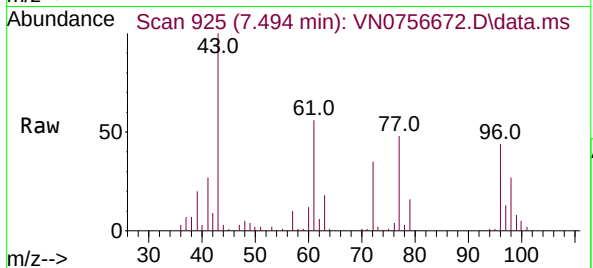
Tgt Ion: 96 Resp: 49457

Ion Ratio Lower Upper

96 100

61 127.9 0.0 247.8

98 65.9 0.0 126.0



#28

Bromochloromethane

Concen: 21.566 ug/l

RT: 7.818 min Scan# 980

Delta R.T. 0.000 min

Lab File: VN0756672.D

Acq: 09 Dec 2022 17:19

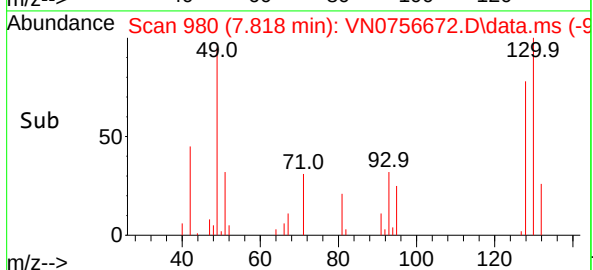
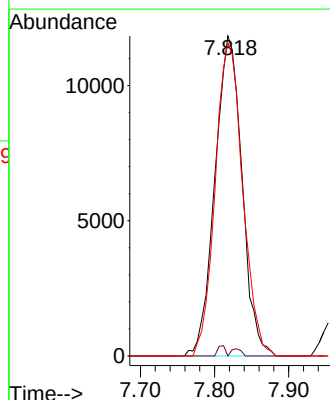
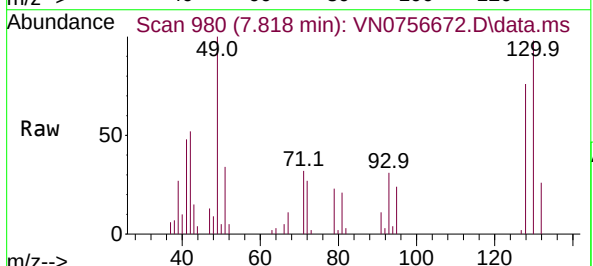
Tgt Ion: 49 Resp: 30084

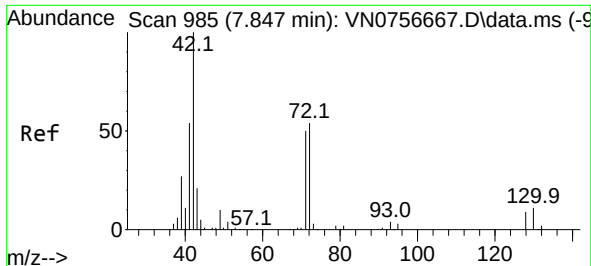
Ion Ratio Lower Upper

49 100

129 0.9 0.0 5.4

130 98.6 78.5 117.7





#29

Tetrahydrofuran

Concen: 98.153 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN0756672.D

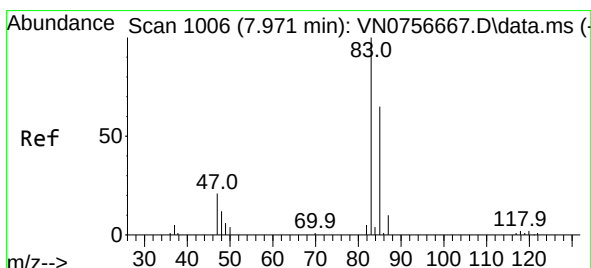
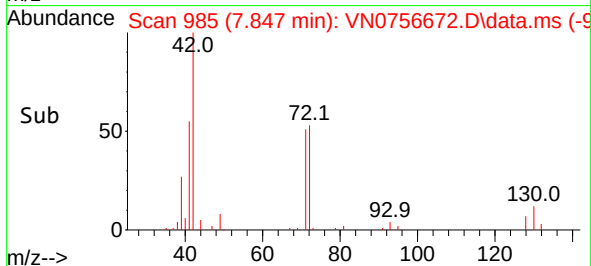
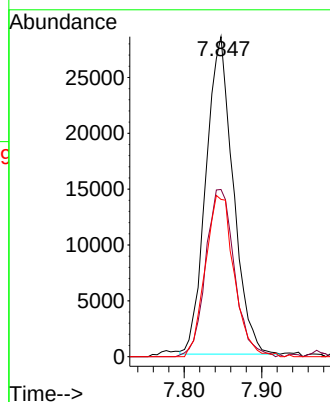
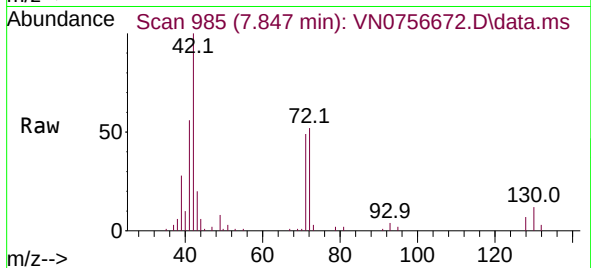
Acq: 09 Dec 2022 17:19

Instrument :

MSVOA\_N

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 69390 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 55.6  | 44.6  | 67.0  |
| 71       | 53.5  | 41.2  | 61.8  |



#30

Chloroform

Concen: 20.639 ug/l

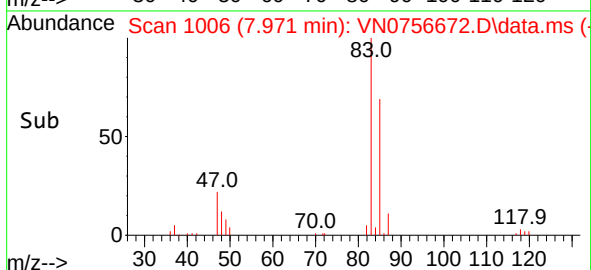
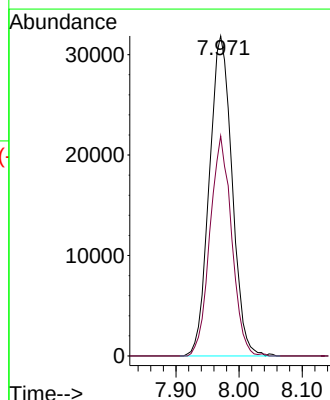
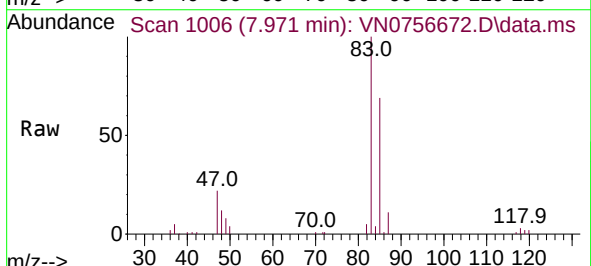
RT: 7.971 min Scan# 1006

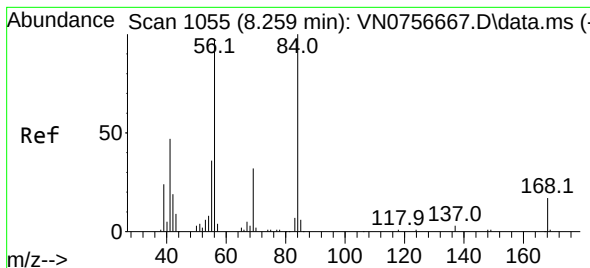
Delta R.T. 0.000 min

Lab File: VN0756672.D

Acq: 09 Dec 2022 17:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 79757 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 68.8  | 51.8  | 77.6  |

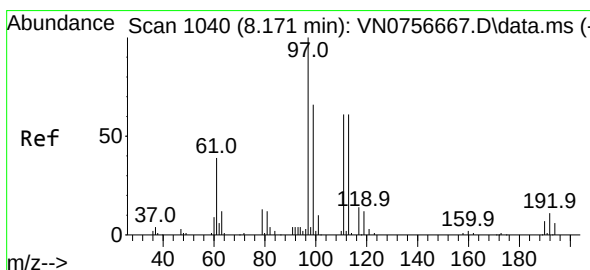
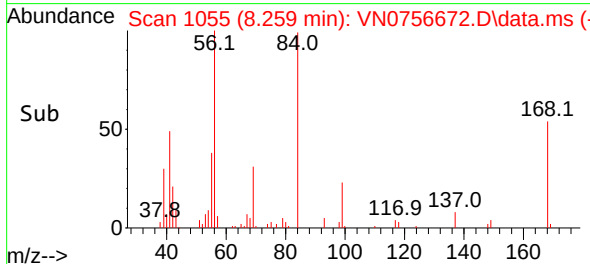
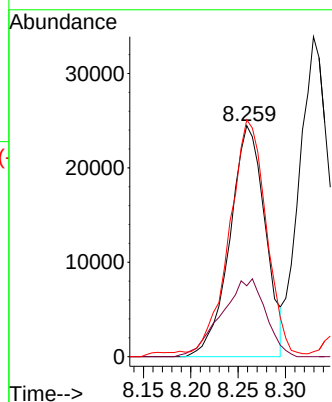
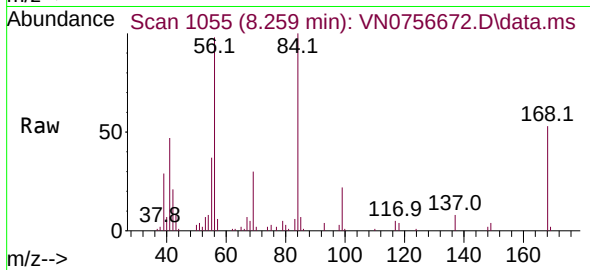




#31  
Cyclohexane  
Concen: 18.523 ug/l  
RT: 8.259 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

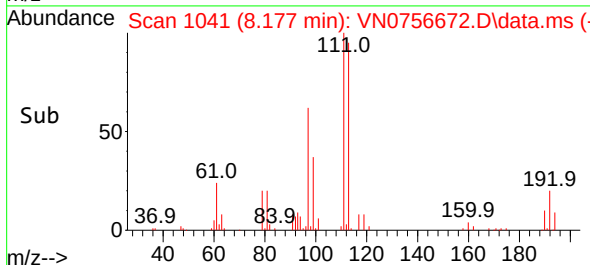
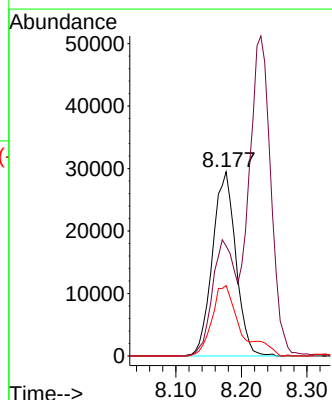
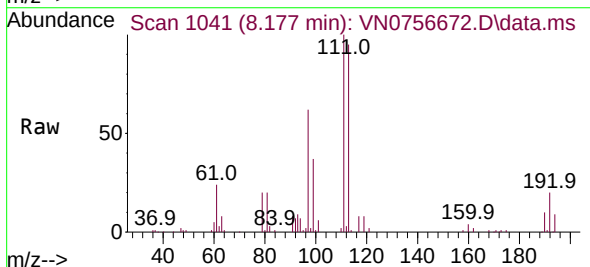
Instrument :  
MSVOA\_N  
ClientSampleId :

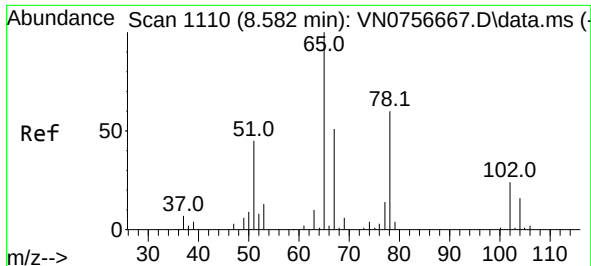
Tgt Ion: 56 Resp: 63537  
Ion Ratio Lower Upper  
56 100  
69 30.0 26.2 39.2  
84 100.2 82.8 124.2



#32  
1,1,1-Trichloroethane  
Concen: 20.382 ug/l  
RT: 8.177 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion: 97 Resp: 72668  
Ion Ratio Lower Upper  
97 100  
99 61.0 51.2 76.8  
61 41.0 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 55.698 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN0756672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA\_N

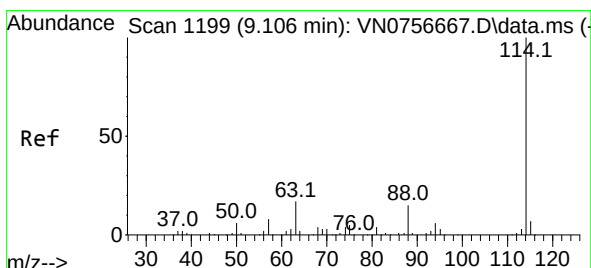
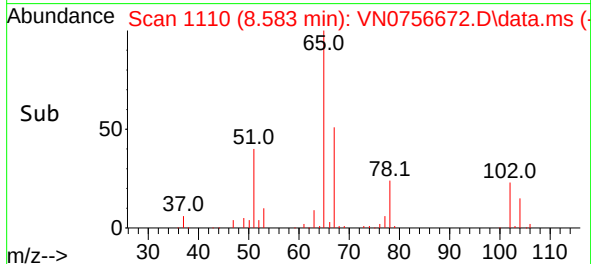
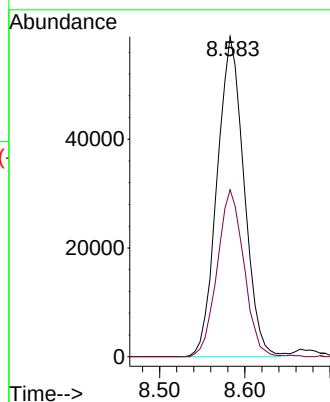
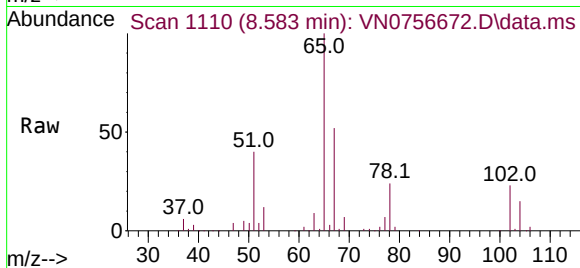
ClientSampleId :

Tgt Ion: 65 Resp: 129041

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN0756672.D

Acq: 09 Dec 2022 17:19

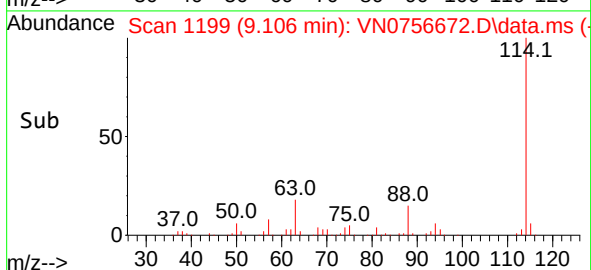
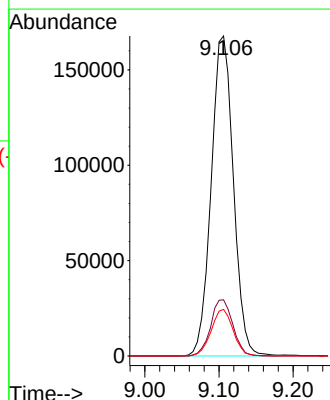
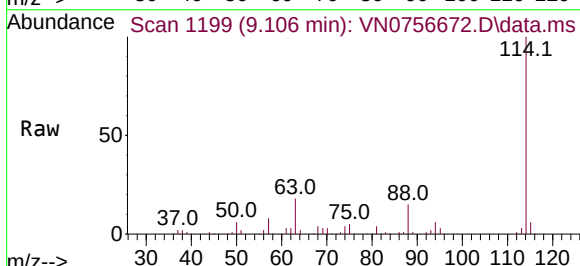
Tgt Ion: 114 Resp: 348937

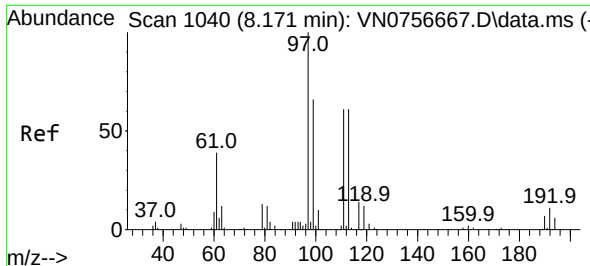
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

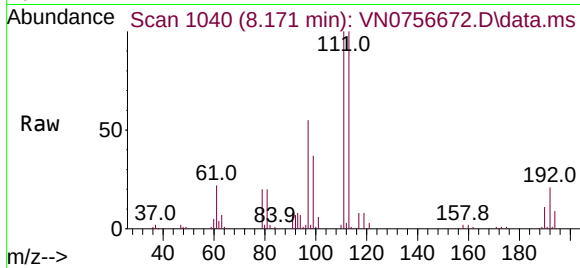
88 14.6 0.0 29.2



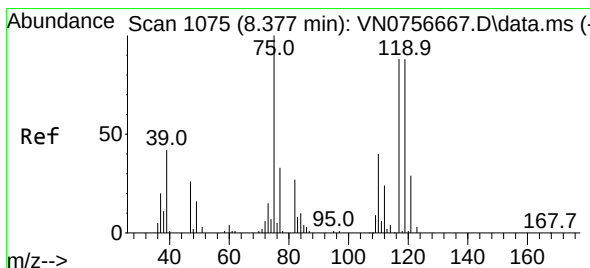
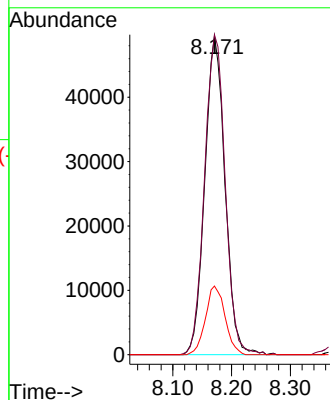
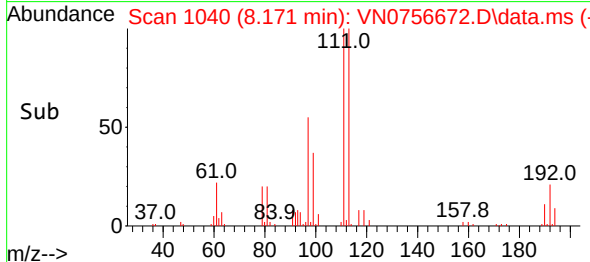


#35  
Dibromofluoromethane  
Concen: 55.561 ug/l  
RT: 8.171 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Instrument :  
MSVOA\_N  
ClientSampleId :

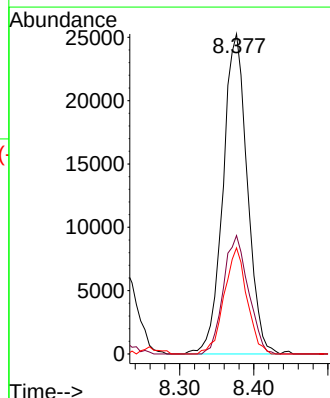
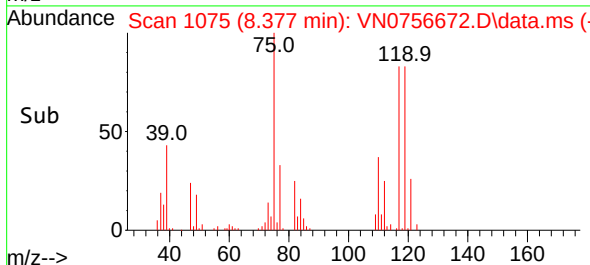
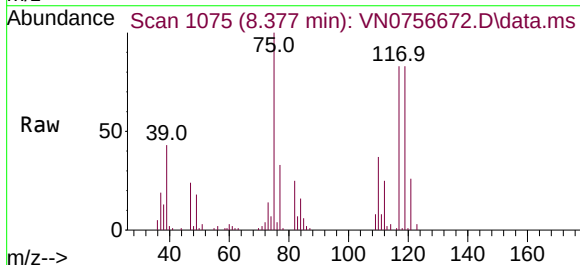


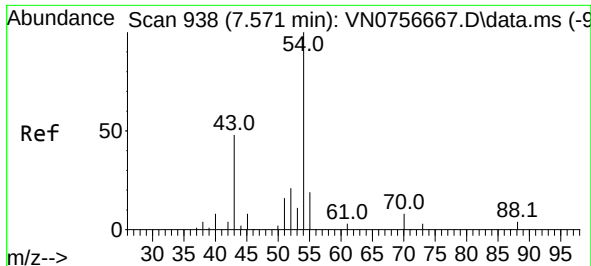
Tgt Ion:113 Resp: 118284  
Ion Ratio Lower Upper  
113 100  
111 102.4 81.0 121.6  
192 20.9 16.2 24.2



#36  
1,1-Dichloropropene  
Concen: 20.321 ug/l  
RT: 8.377 min Scan# 1075  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion: 75 Resp: 57445  
Ion Ratio Lower Upper  
75 100  
110 37.8 18.9 56.9  
77 31.2 25.4 38.2





#37

Ethyl Acetate

Concen: 20.199 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN0756672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA\_N

ClientSampleId :

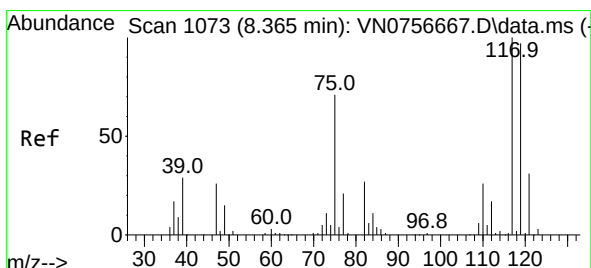
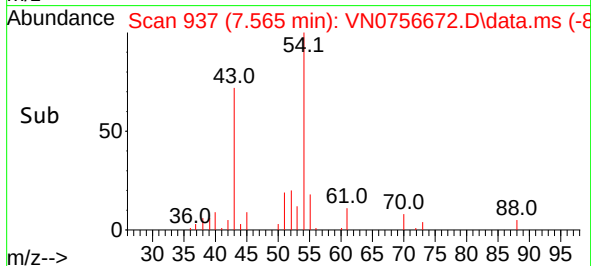
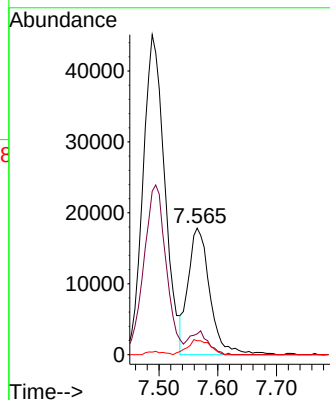
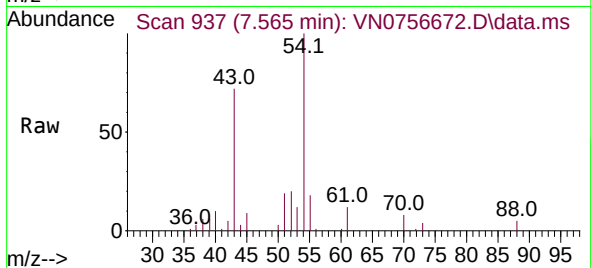
Tgt Ion: 43 Resp: 45845

Ion Ratio Lower Upper

43 100

61 16.1 13.3 19.9

70 12.0 9.9 14.9



#38

Carbon Tetrachloride

Concen: 19.737 ug/l

RT: 8.365 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN0756672.D

Acq: 09 Dec 2022 17:19

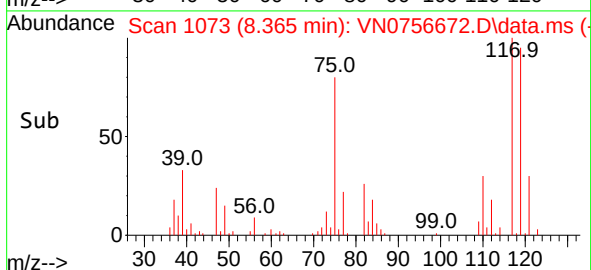
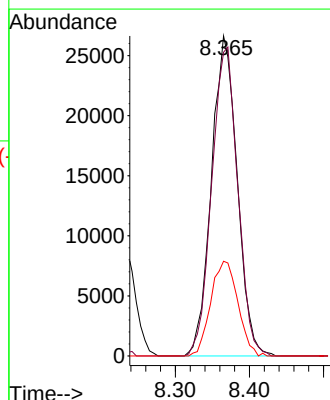
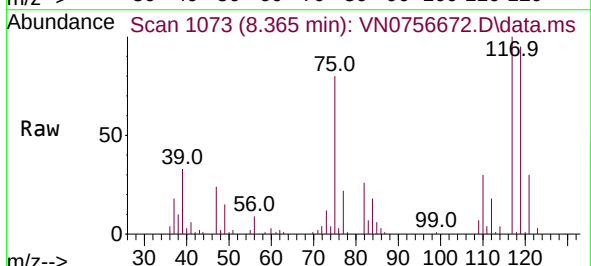
Tgt Ion: 117 Resp: 64383

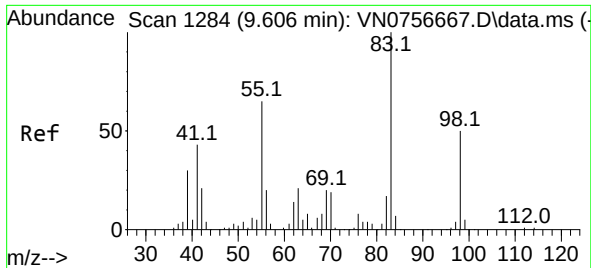
Ion Ratio Lower Upper

117 100

119 94.9 77.2 115.8

121 29.6 24.6 37.0

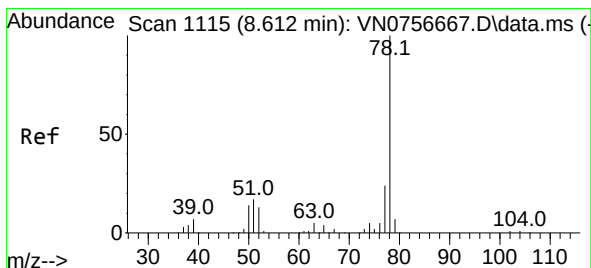
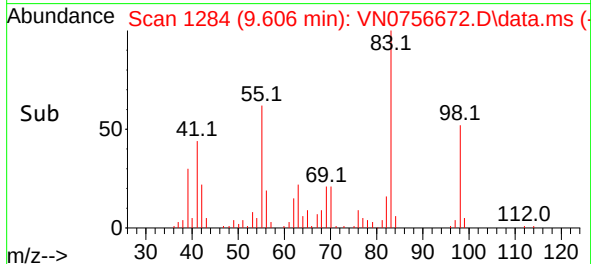
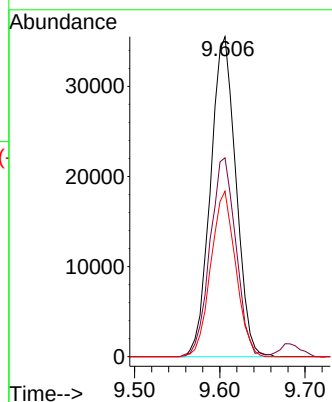
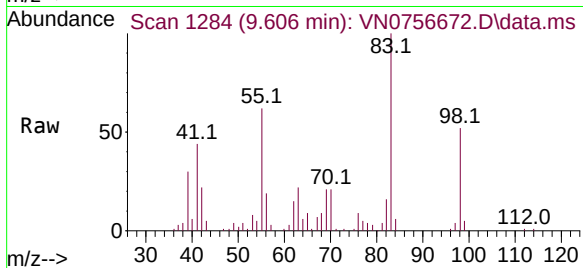




#39  
Methylcyclohexane  
Concen: 20.564 ug/l  
RT: 9.606 min Scan# 1115  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

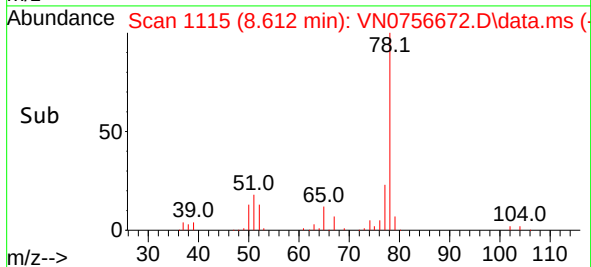
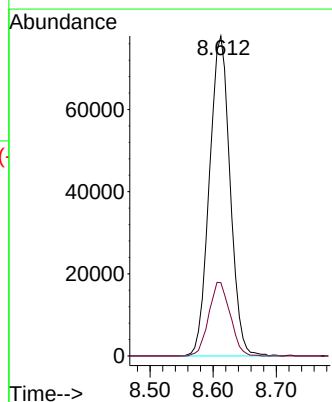
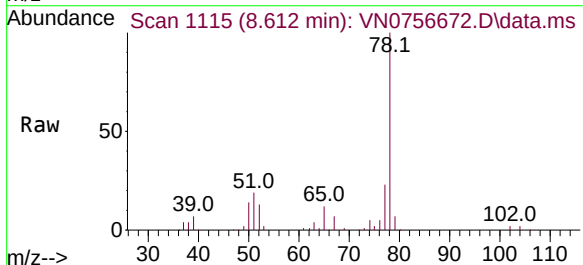
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 83 Resp: 73713  
Ion Ratio Lower Upper  
83 100  
55 62.1 51.6 77.4  
98 51.7 39.8 59.8

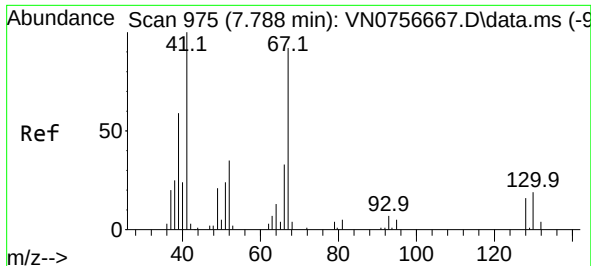


#40  
Benzene  
Concen: 20.443 ug/l  
RT: 8.612 min Scan# 1115  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion: 78 Resp: 177356  
Ion Ratio Lower Upper  
78 100  
77 22.9 19.1 28.7



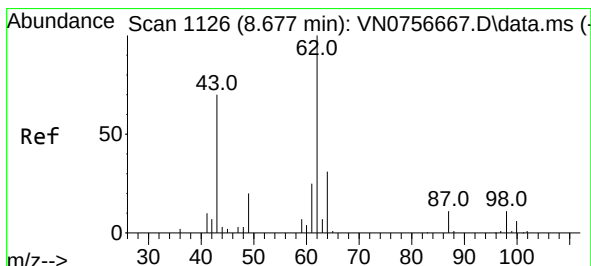
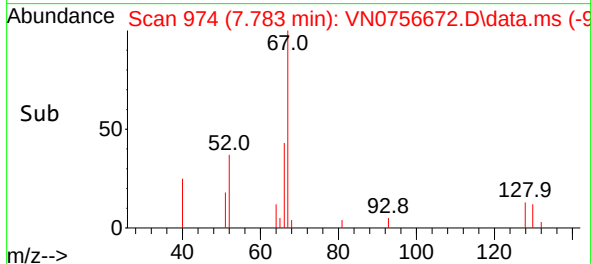
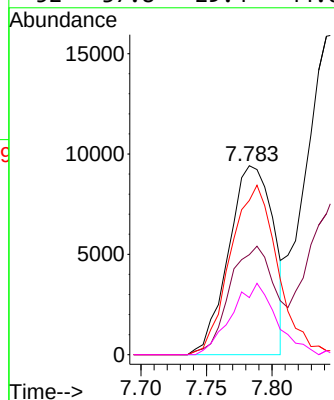
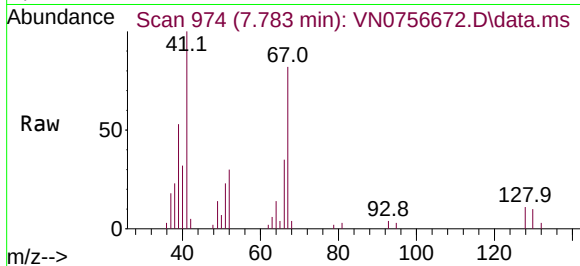




#41  
Methacrylonitrile  
Concen: 19.265 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

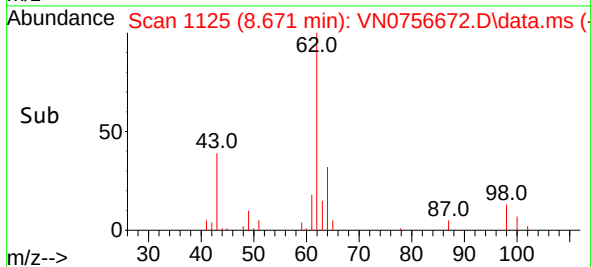
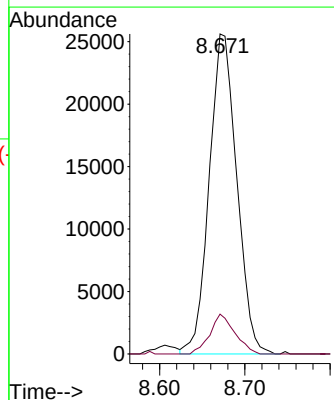
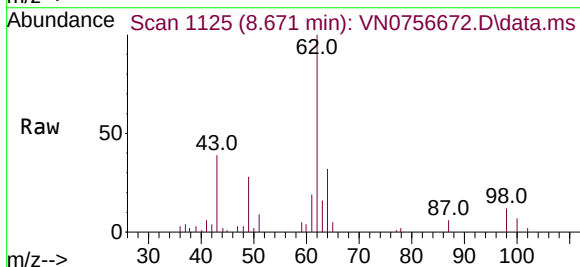
Instrument :  
MSVOA\_N  
ClientSampleId :

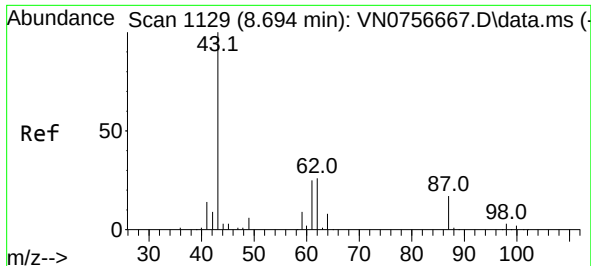
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 22420 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 59.7     | 46.3 69.5   |
| 67 94.3     | 74.0 111.0  |
| 52 37.8     | 29.4 44.0   |



#42  
1,2-Dichloroethane  
Concen: 19.838 ug/l  
RT: 8.671 min Scan# 1125  
Delta R.T. -0.006 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 57572 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 11.3     | 0.0 21.8    |

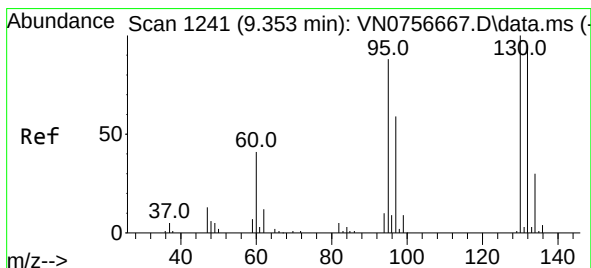
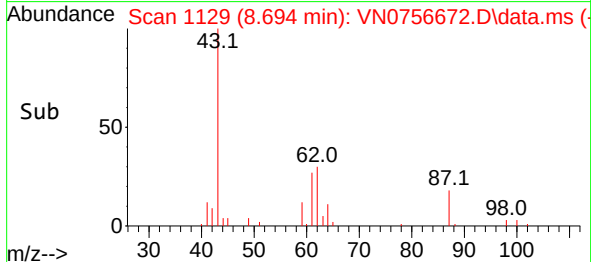
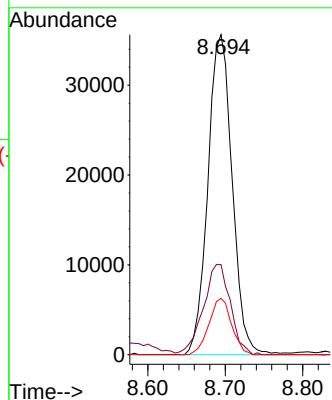
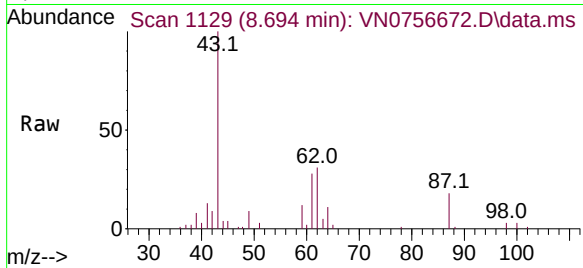




#43  
Isopropyl Acetate  
Concen: 20.473 ug/l  
RT: 8.694 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

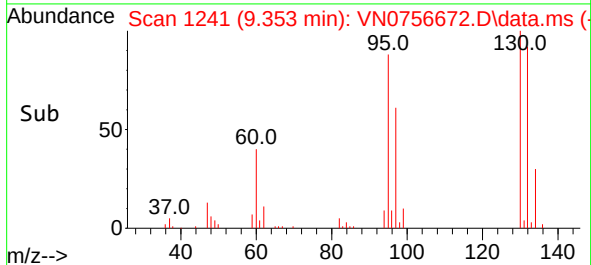
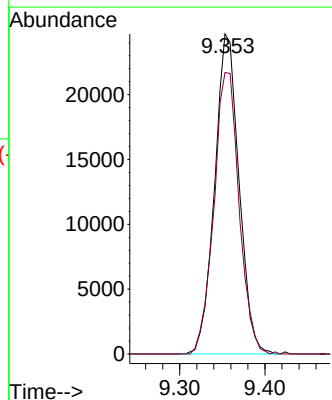
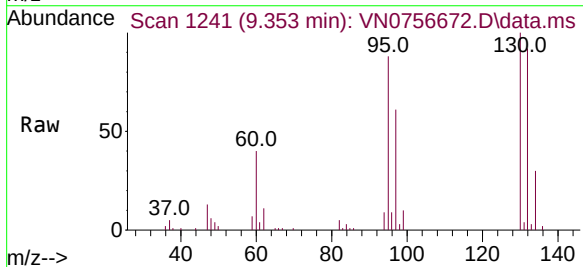
Instrument :  
MSVOA\_N  
ClientSampleId :

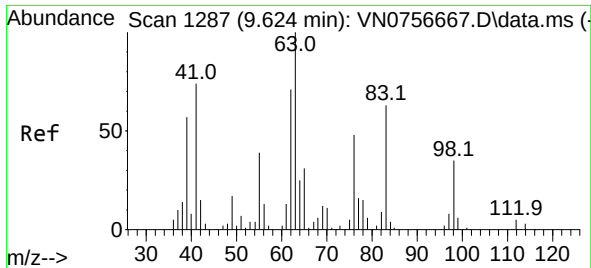
Tgt Ion: 43 Resp: 77574  
Ion Ratio Lower Upper  
43 100  
61 31.4 23.8 35.8  
87 16.4 13.7 20.5



#44  
Trichloroethene  
Concen: 19.991 ug/l  
RT: 9.353 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion:130 Resp: 48927  
Ion Ratio Lower Upper  
130 100  
95 88.0 0.0 176.8

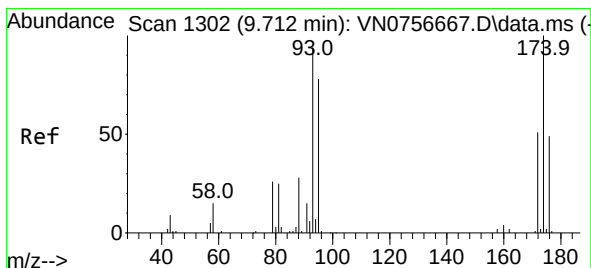
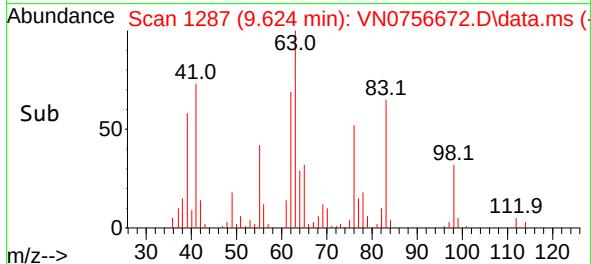
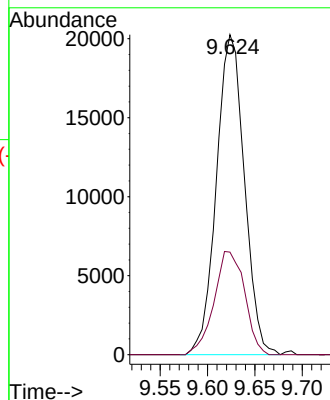
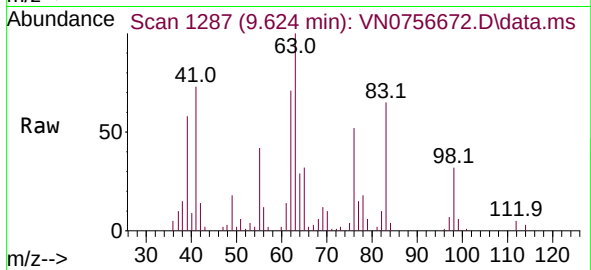




#45  
1,2-Dichloropropane  
Concen: 20.175 ug/l  
RT: 9.624 min Scan# 1287  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

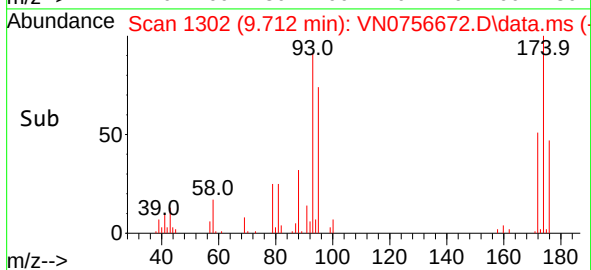
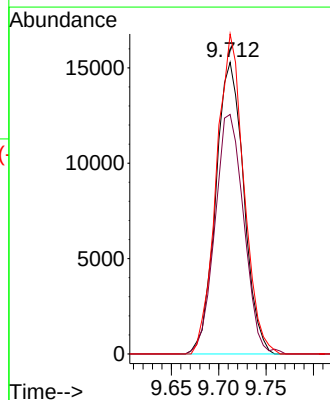
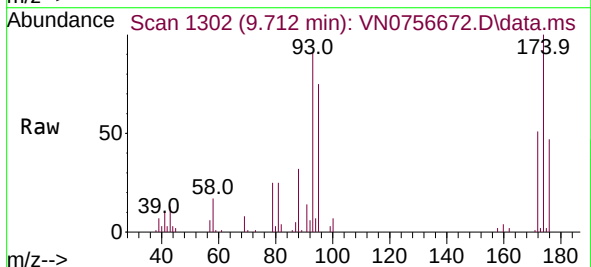
Instrument :  
MSVOA\_N  
ClientSampleId :

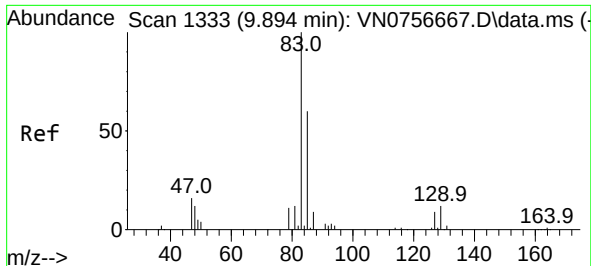
Tgt Ion: 63 Resp: 41627  
Ion Ratio Lower Upper  
63 100  
65 32.0 25.1 37.7



#46  
Dibromomethane  
Concen: 20.307 ug/l  
RT: 9.712 min Scan# 1302  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion: 93 Resp: 31458  
Ion Ratio Lower Upper  
93 100  
95 84.4 67.3 100.9  
174 107.4 85.0 127.6

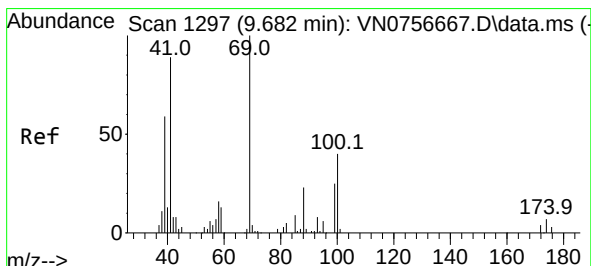
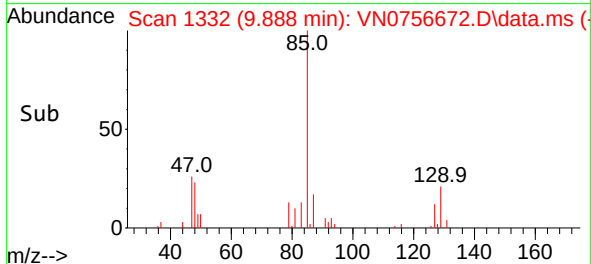
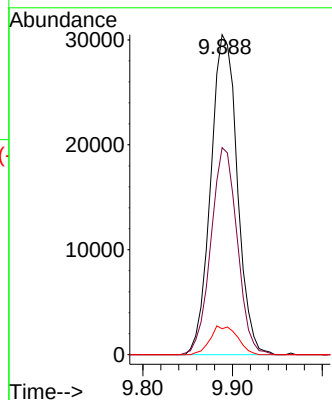
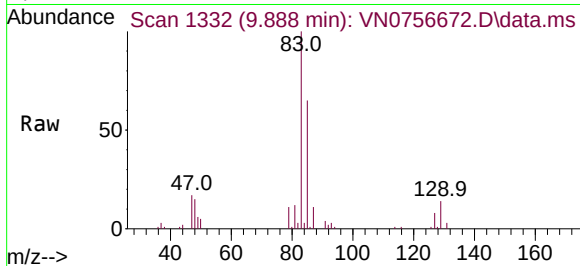




#47  
Bromodichloromethane  
Concen: 20.625 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

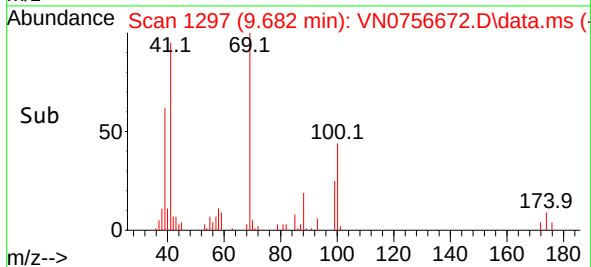
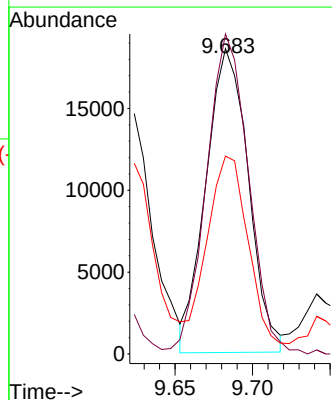
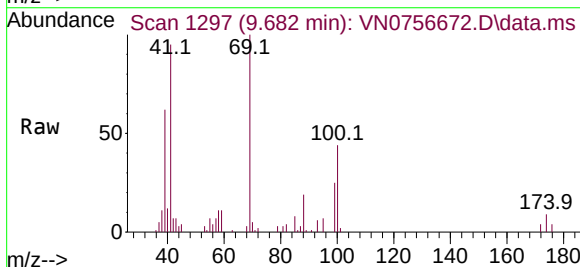
Instrument :  
MSVOA\_N  
ClientSampleId :

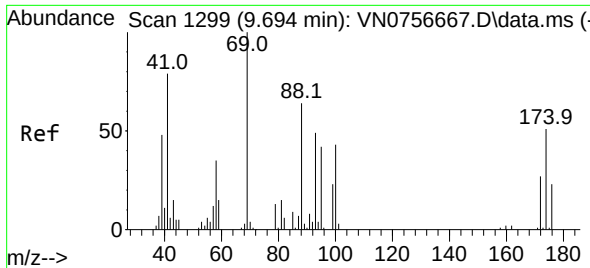
Tgt Ion: 83 Resp: 62644  
Ion Ratio Lower Upper  
83 100  
85 64.7 48.0 72.0  
127 8.1 7.4 11.2



#48  
Methyl methacrylate  
Concen: 20.239 ug/l  
RT: 9.682 min Scan# 1297  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion: 41 Resp: 35320  
Ion Ratio Lower Upper  
41 100  
69 105.0 82.5 123.7  
39 65.8 53.2 79.8

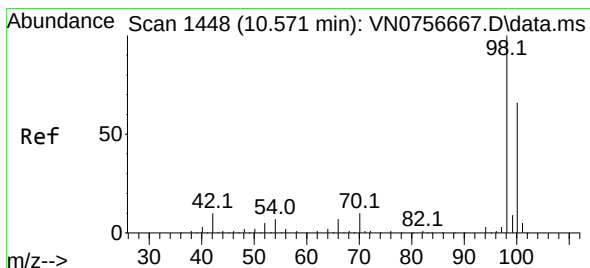
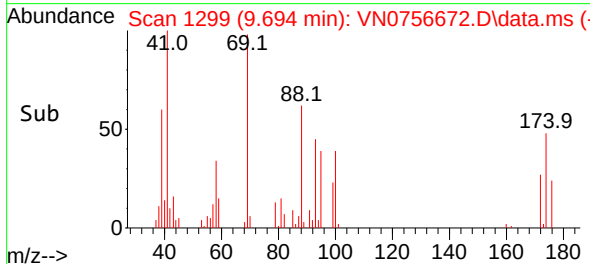
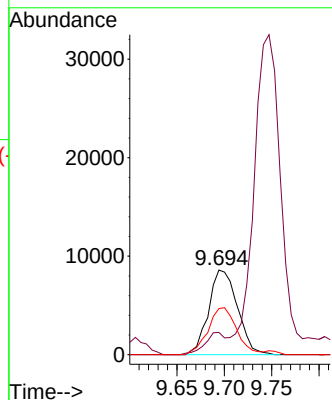
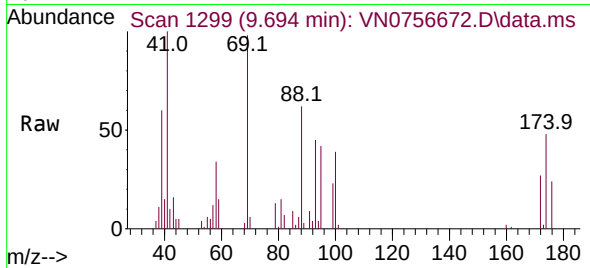




#49  
1,4-Dioxane  
Concen: 429.597 ug/l  
RT: 9.694 min Scan# 1299  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

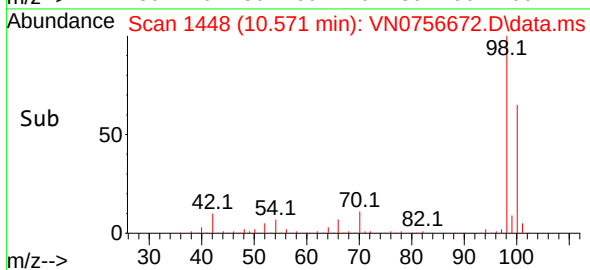
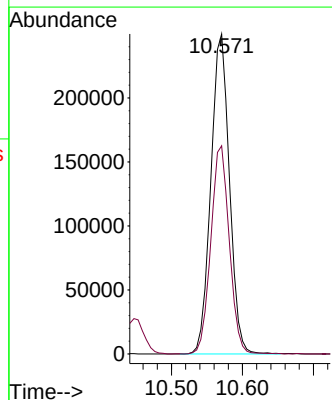
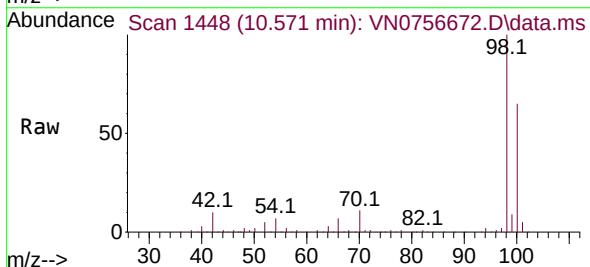
Instrument :  
MSVOA\_N  
ClientSampleId :

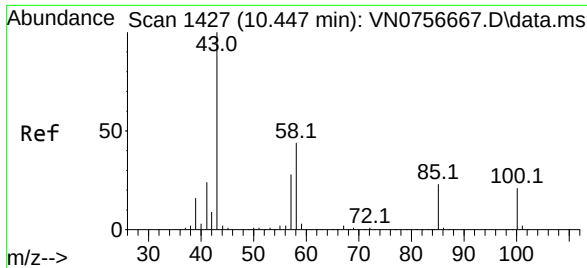
Tgt Ion: 88 Resp: 18224  
Ion Ratio Lower Upper  
88 100  
43 17.9 17.4 26.0  
58 55.4 46.8 70.2



#50  
Toluene-d8  
Concen: 56.667 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion: 98 Resp: 453056  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.6 78.8

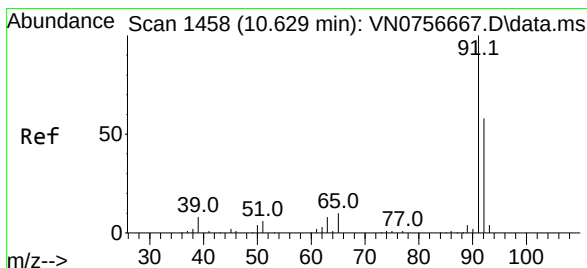
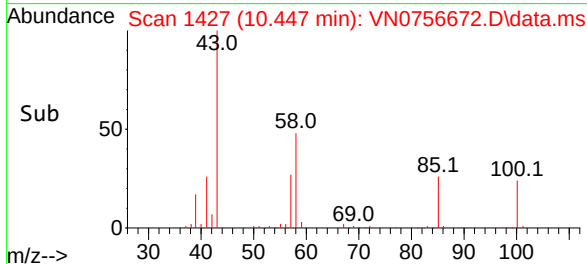
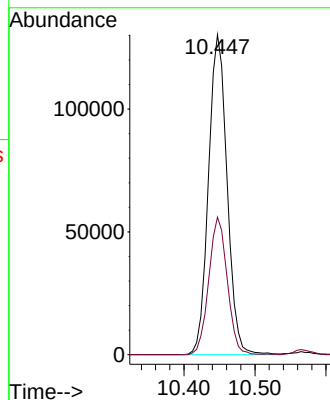
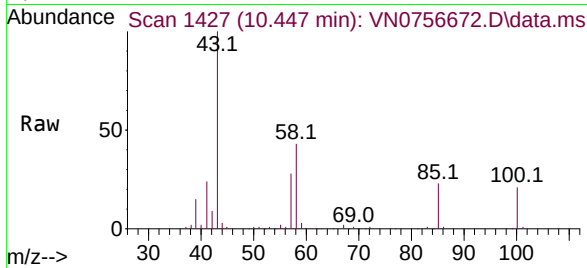




#51  
4-Methyl-2-Pentanone  
Concen: 101.472 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

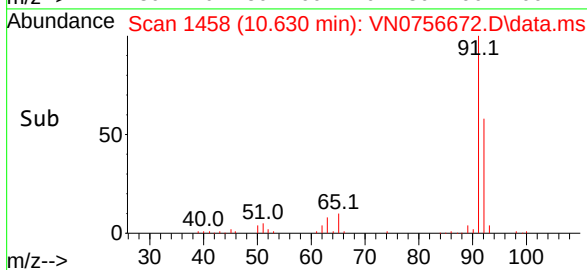
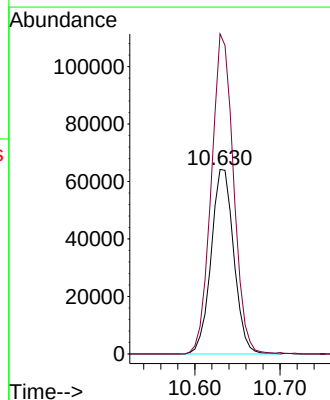
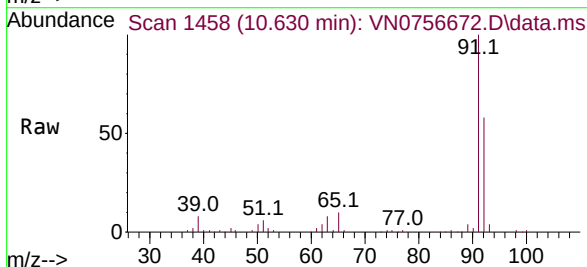
Instrument :  
MSVOA\_N  
ClientSampleId :

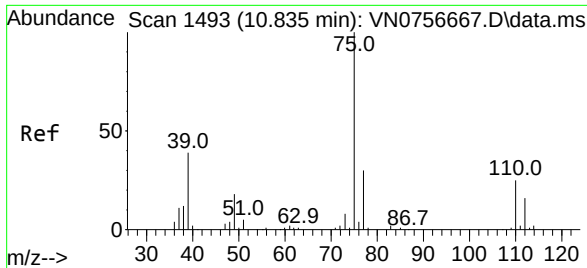
Tgt Ion: 43 Resp: 237081  
Ion Ratio Lower Upper  
43 100  
58 42.7 35.0 52.6



#52  
Toluene  
Concen: 20.698 ug/l  
RT: 10.630 min Scan# 1458  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion: 92 Resp: 118685  
Ion Ratio Lower Upper  
92 100  
91 170.5 137.9 206.9

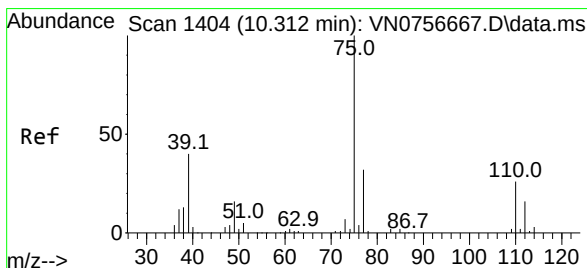
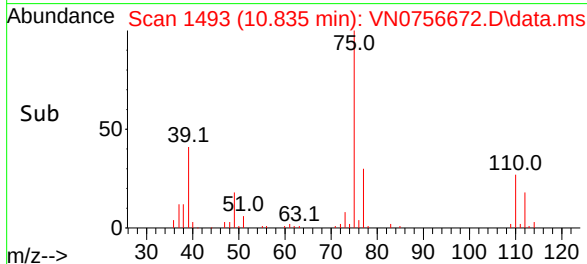
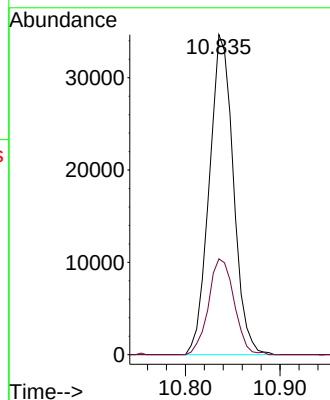
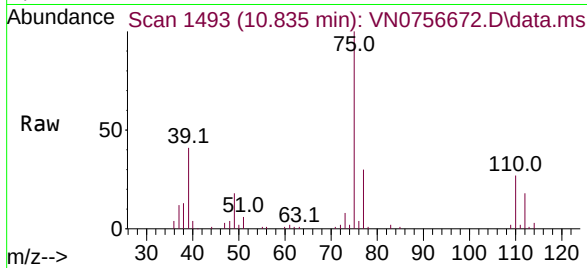




#53  
 t-1,3-Dichloropropene  
 Concen: 20.471 ug/l  
 RT: 10.835 min Scan# 1493  
 Delta R.T. 0.000 min  
 Lab File: VN0756672.D  
 Acq: 09 Dec 2022 17:19

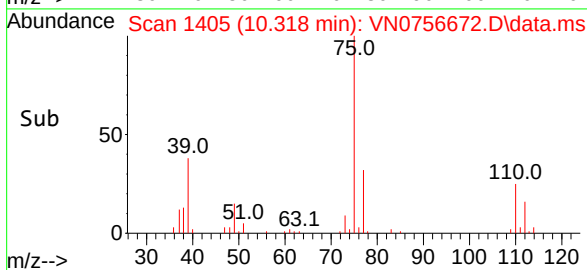
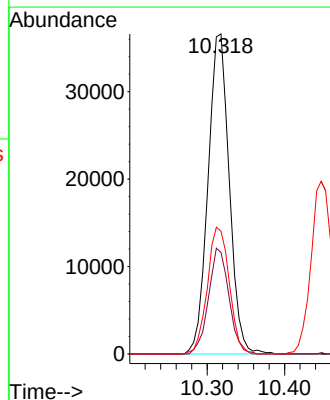
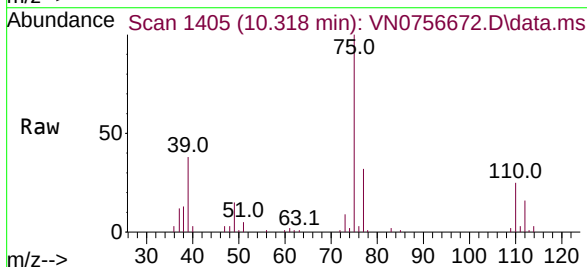
Instrument :  
 MSVOA\_N  
 ClientSampleId :

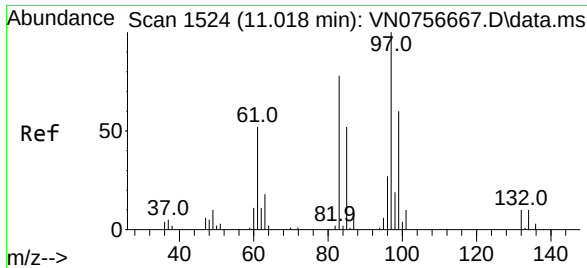
Tgt Ion: 75 Resp: 61409  
 Ion Ratio Lower Upper  
 75 100  
 77 30.0 24.3 36.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.918 ug/l  
 RT: 10.318 min Scan# 1405  
 Delta R.T. 0.006 min  
 Lab File: VN0756672.D  
 Acq: 09 Dec 2022 17:19

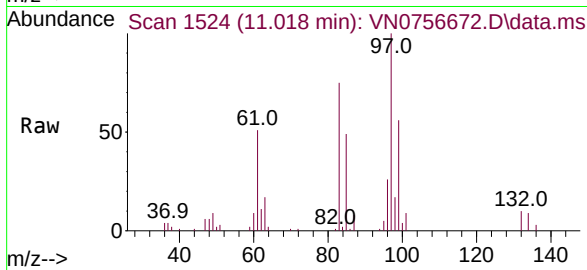
Tgt Ion: 75 Resp: 69813  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 25.3 37.9  
 39 38.4 32.0 48.0



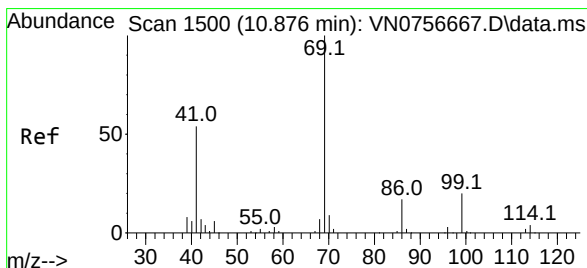
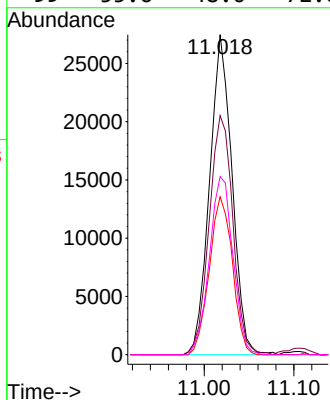
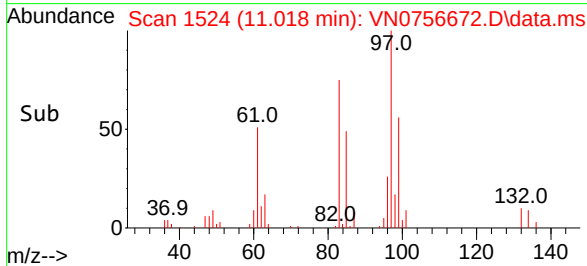


#55  
1,1,2-Trichloroethane  
Concen: 21.186 ug/l  
RT: 11.018 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Instrument :  
MSVOA\_N  
ClientSampleId :

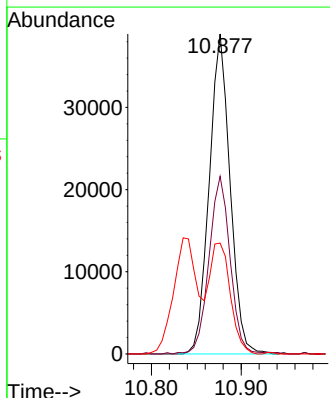
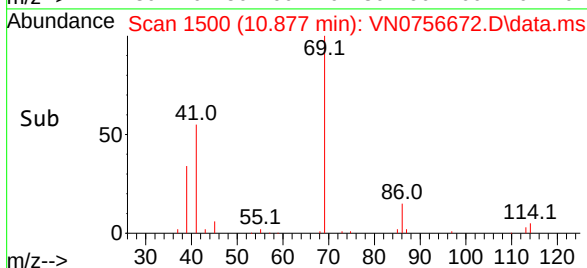
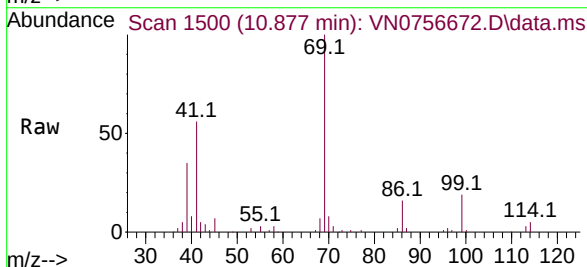


|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 47767 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 74.7     | 62.7 94.1   |
| 85 49.3     | 41.8 62.6   |
| 99 55.6     | 48.0 72.0   |

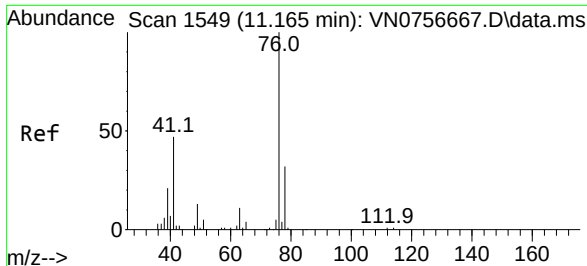


#56  
Ethyl methacrylate  
Concen: 20.544 ug/l  
RT: 10.877 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 62763 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 56.3     | 44.1 66.1   |
| 39 34.0     | 27.7 41.5   |



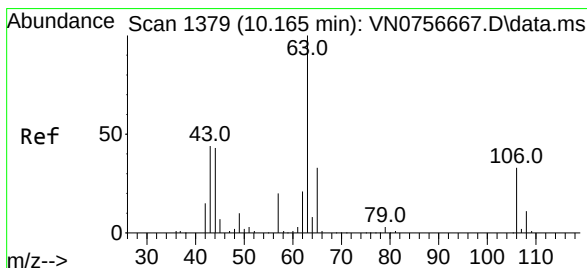
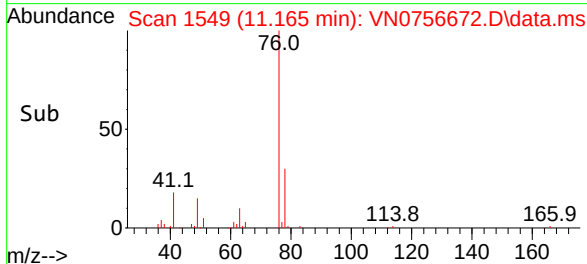
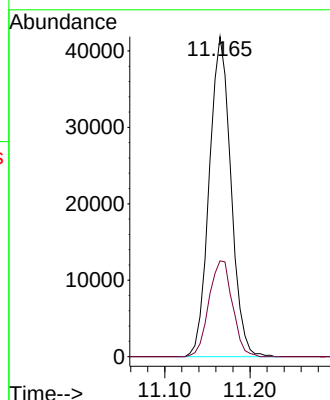
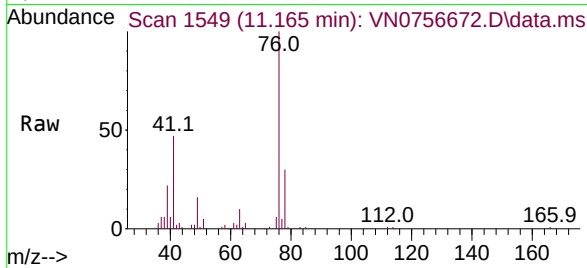




#57  
1,3-Dichloropropane  
Concen: 20.322 ug/l  
RT: 11.165 min Scan# 1549  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

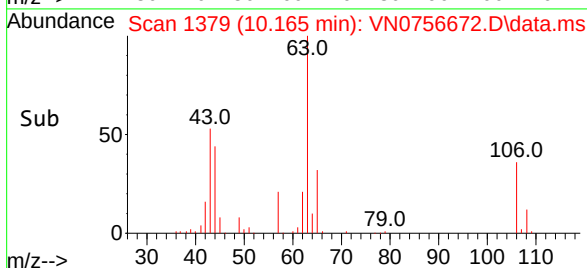
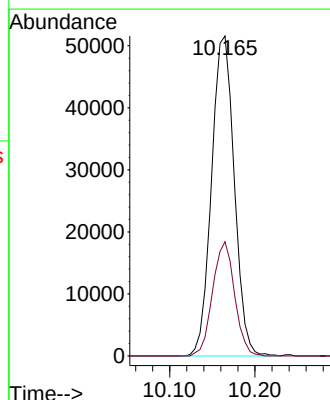
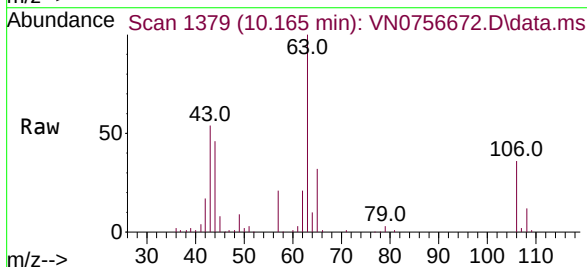
Instrument :  
MSVOA\_N  
ClientSampleId :

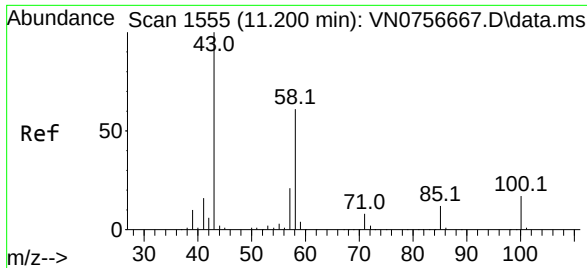
Tgt Ion: 76 Resp: 74058  
Ion Ratio Lower Upper  
76 100  
78 32.5 26.8 40.2



#58  
2-Chloroethyl Vinyl ether  
Concen: 106.009 ug/l  
RT: 10.165 min Scan# 1379  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion: 63 Resp: 95621  
Ion Ratio Lower Upper  
63 100  
106 34.5 26.6 40.0

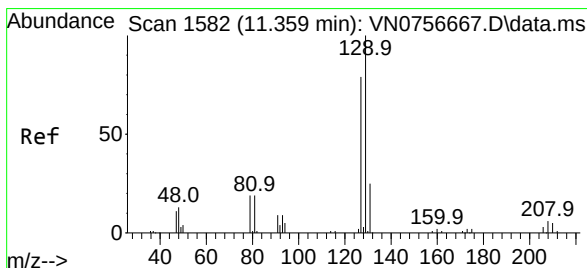
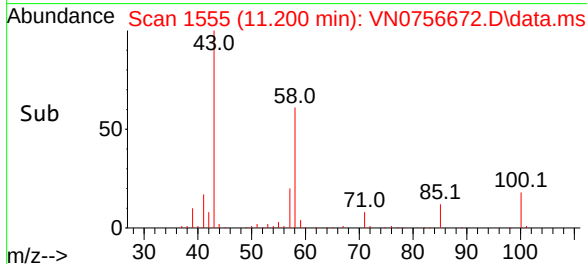
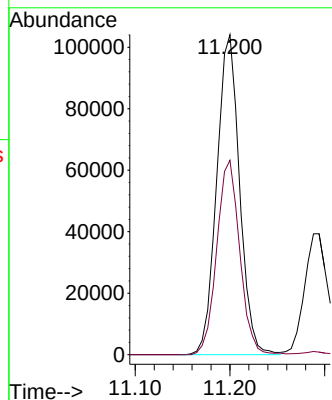
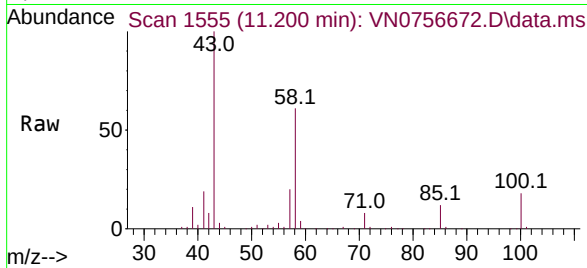




#59  
2-Hexanone  
Concen: 102.846 ug/l  
RT: 11.200 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

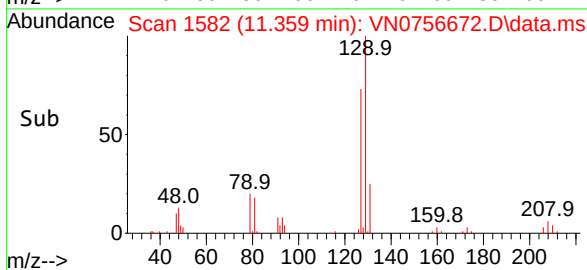
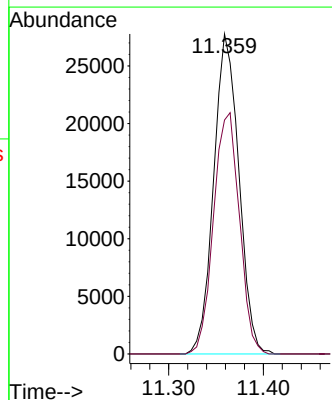
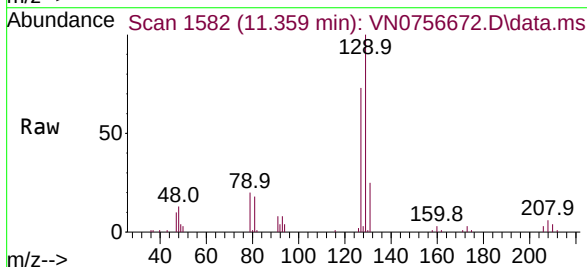
Instrument :  
MSVOA\_N  
ClientSampleId :

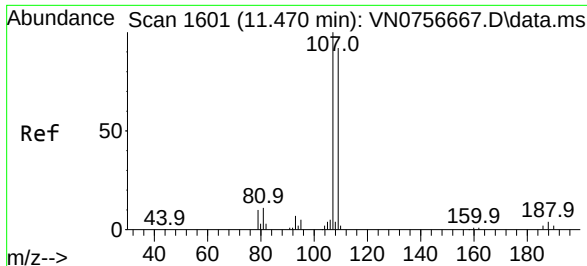
Tgt Ion: 43 Resp: 174577  
Ion Ratio Lower Upper  
43 100  
58 61.0 30.9 92.5



#60  
Dibromochloromethane  
Concen: 20.688 ug/l  
RT: 11.359 min Scan# 1582  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion: 129 Resp: 51325  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.6 116.0

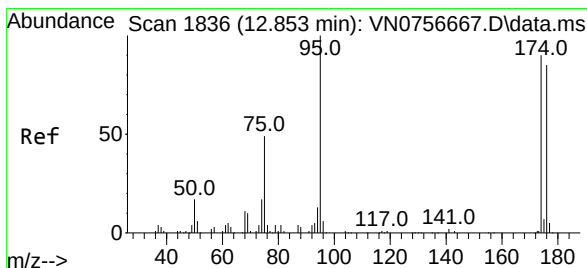
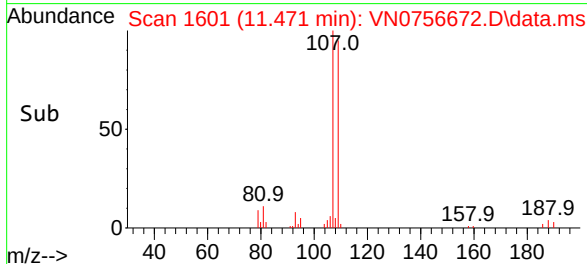
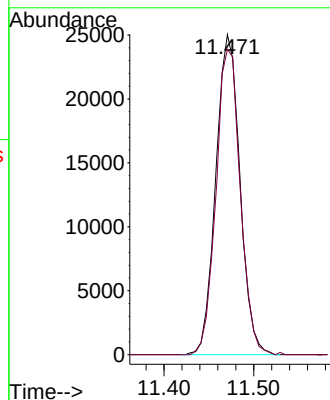
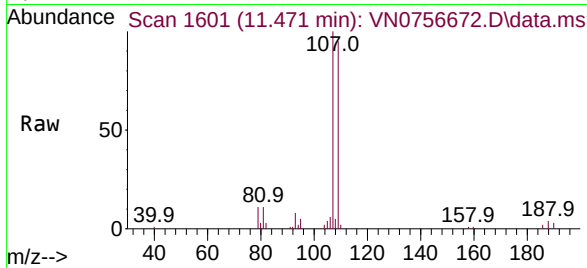




#61  
1,2-Dibromoethane  
Concen: 19.753 ug/l  
RT: 11.471 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

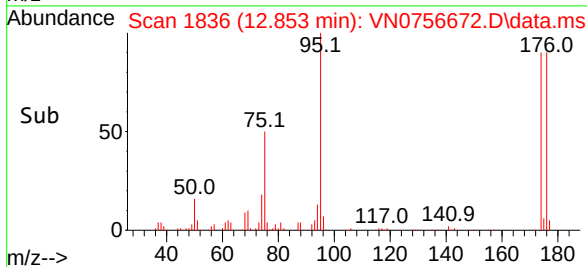
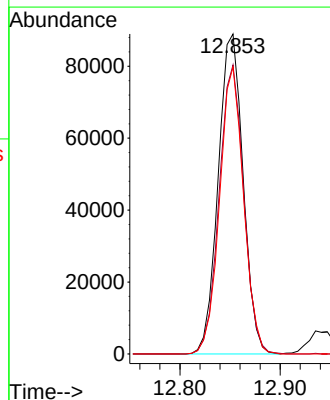
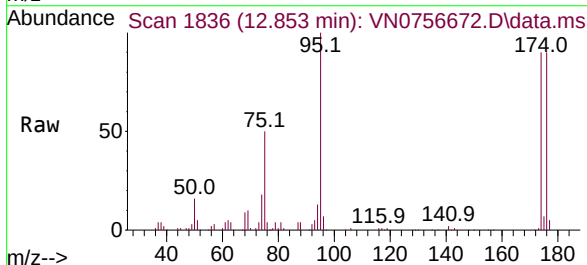
Instrument :  
MSVOA\_N  
ClientSampleId :

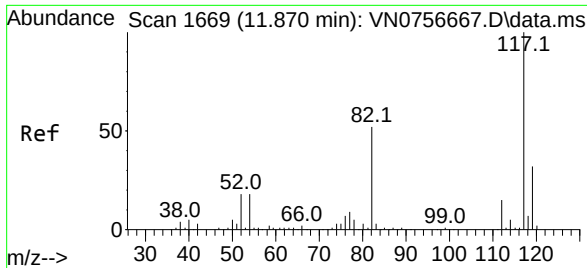
Tgt Ion:107 Resp: 46660  
Ion Ratio Lower Upper  
107 100  
109 96.1 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 56.119 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion: 95 Resp: 153405  
Ion Ratio Lower Upper  
95 100  
174 89.0 0.0 178.6  
176 86.4 0.0 170.8

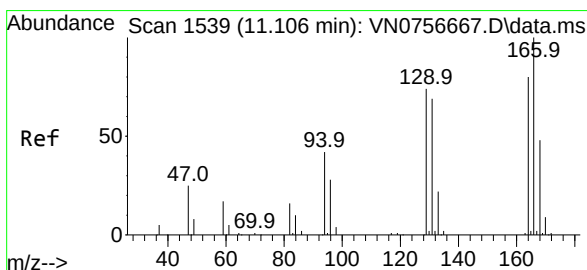
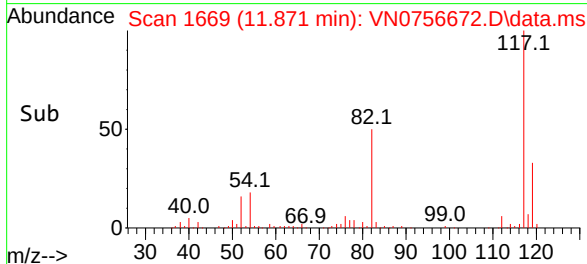
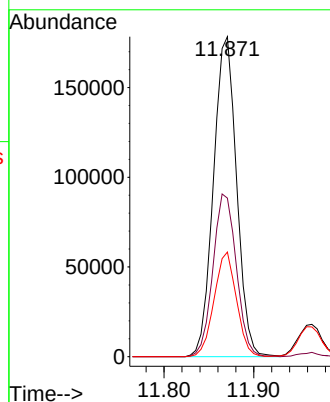
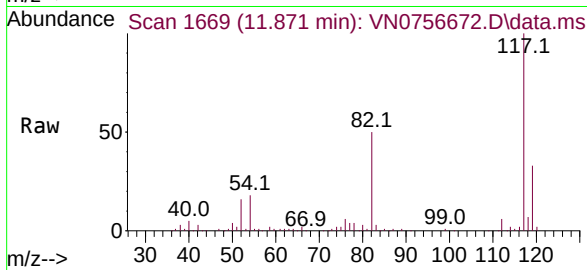




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

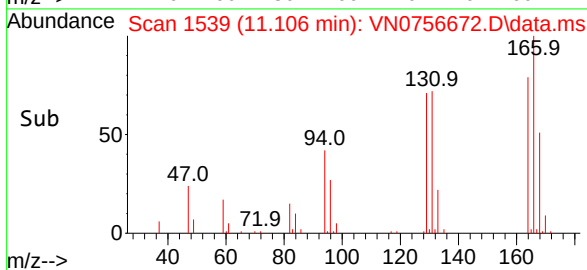
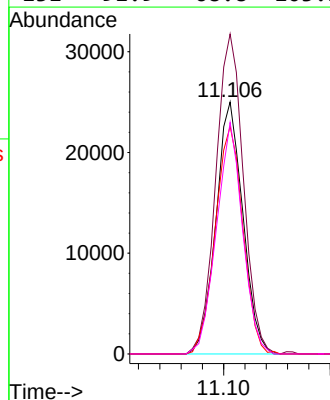
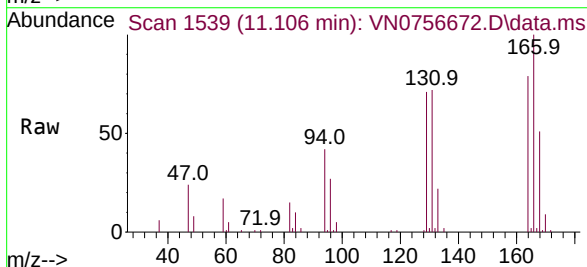
Instrument :  
MSVOA\_N  
ClientSampleId :

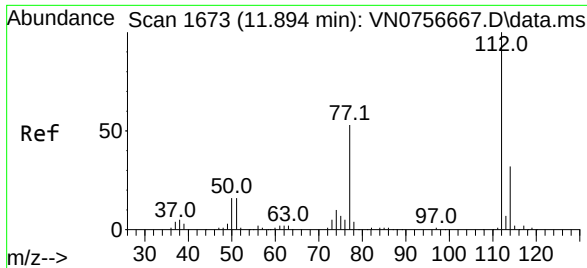
Tgt Ion:117 Resp: 319715  
Ion Ratio Lower Upper  
117 100  
82 49.6 41.8 62.8  
119 32.7 25.8 38.6



#64  
Tetrachloroethene  
Concen: 18.875 ug/l  
RT: 11.106 min Scan# 1539  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion:164 Resp: 43957  
Ion Ratio Lower Upper  
164 100  
166 127.0 100.3 150.5  
129 90.3 73.9 110.9  
131 91.9 68.8 103.2

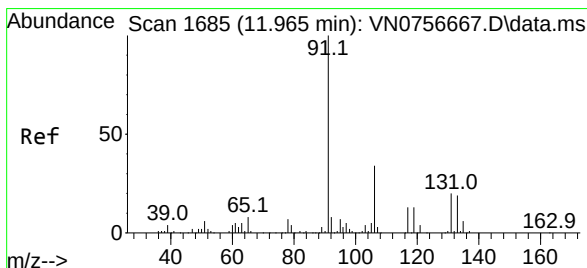
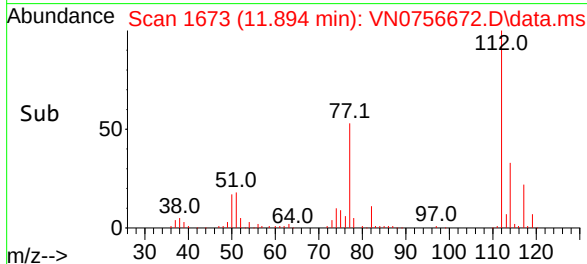
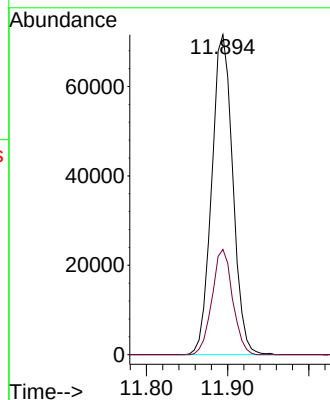
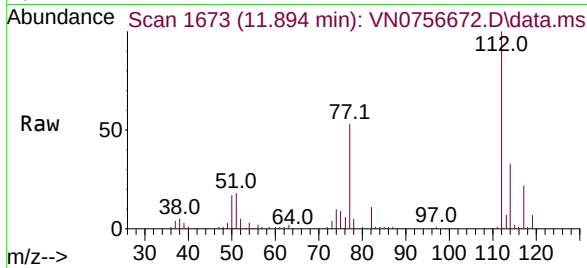




#65  
Chlorobenzene  
Concen: 19.617 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

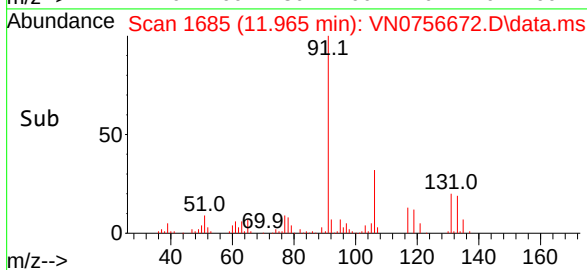
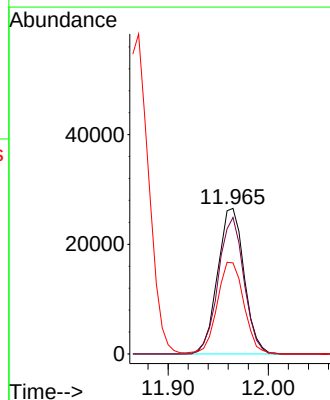
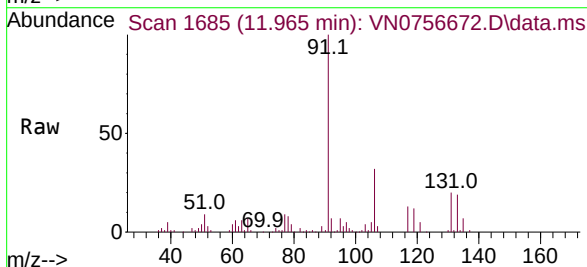
Instrument :  
MSVOA\_N  
ClientSampleId :

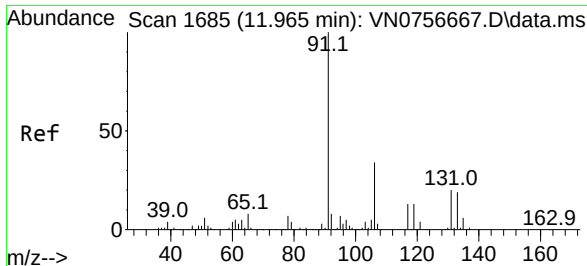
Tgt Ion:112 Resp: 129046  
Ion Ratio Lower Upper  
112 100  
114 32.9 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.335 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion:131 Resp: 48668  
Ion Ratio Lower Upper  
131 100  
133 91.0 47.5 142.6  
119 63.3 32.5 97.4





#67

Ethyl Benzene

Concen: 20.153 ug/l

RT: 11.965 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN0756672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA\_N

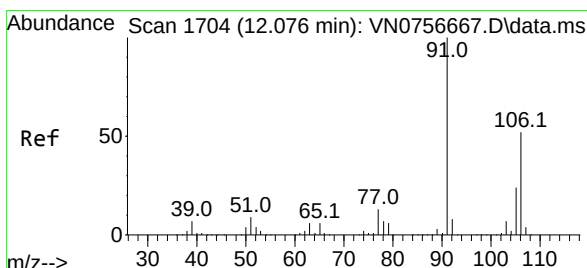
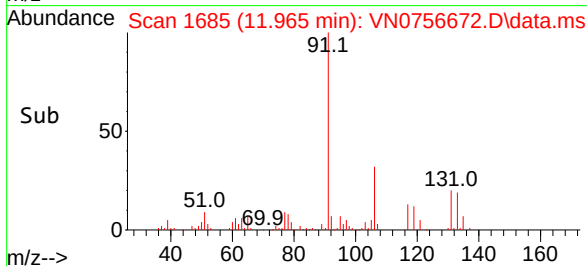
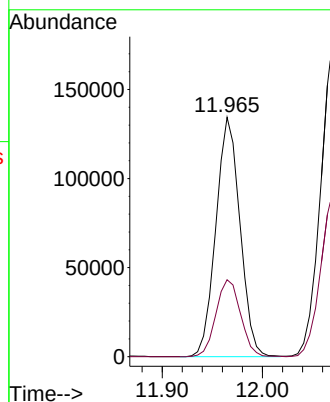
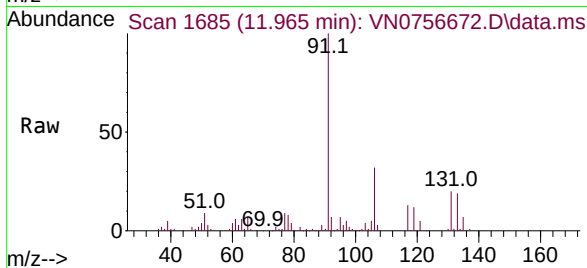
ClientSampleId :

Tgt Ion: 91 Resp: 224267

Ion Ratio Lower Upper

91 100

106 32.1 26.9 40.3



#68

m/p-Xylenes

Concen: 40.771 ug/l

RT: 12.071 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VN0756672.D

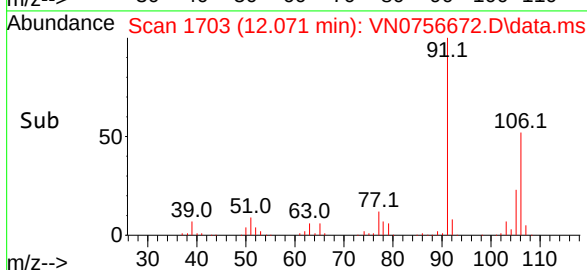
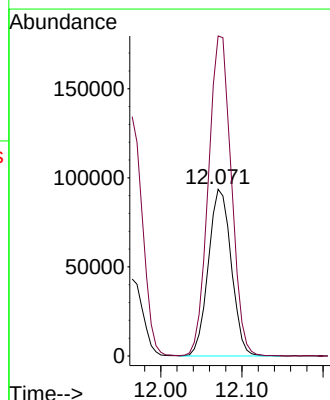
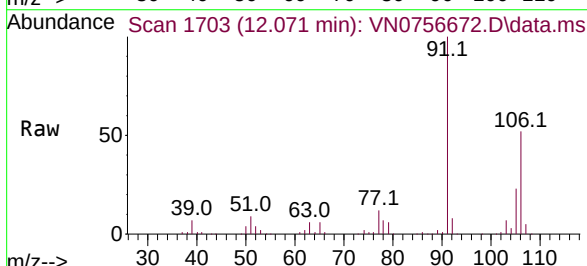
Acq: 09 Dec 2022 17:19

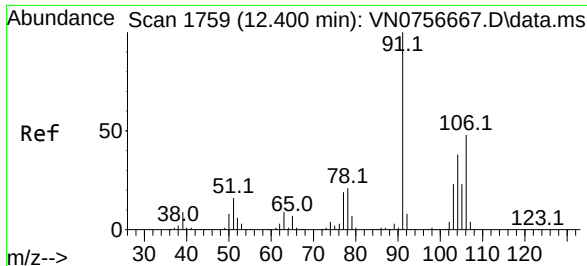
Tgt Ion: 106 Resp: 183326

Ion Ratio Lower Upper

106 100

91 192.8 156.2 234.4





#69

o-Xylene

Concen: 20.856 ug/l

RT: 12.400 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN0756672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA\_N

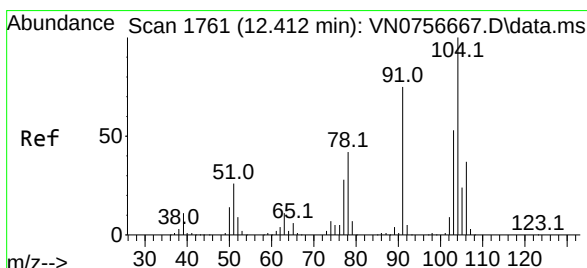
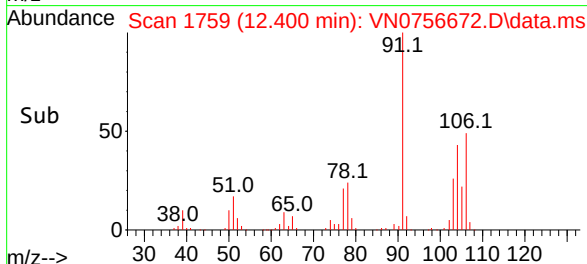
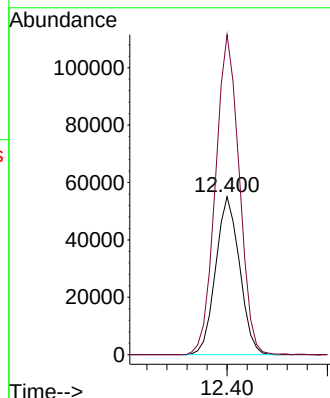
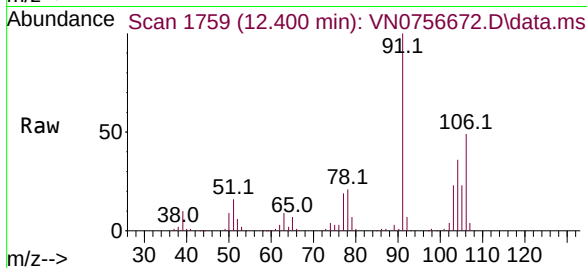
ClientSampleId :

Tgt Ion:106 Resp: 91003

Ion Ratio Lower Upper

106 100

91 201.9 102.8 308.5



#70

Styrene

Concen: 20.669 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. 0.000 min

Lab File: VN0756672.D

Acq: 09 Dec 2022 17:19

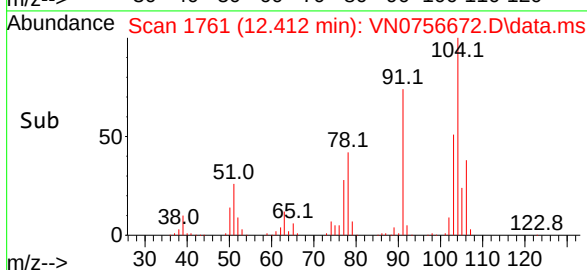
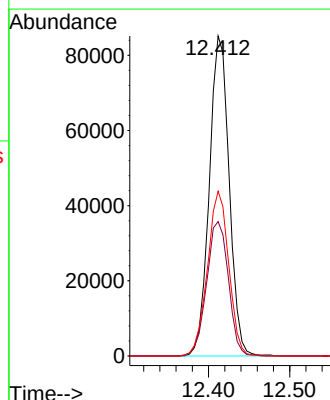
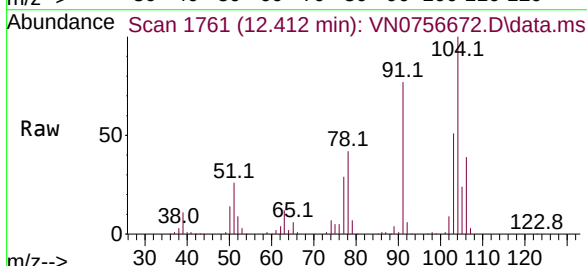
Tgt Ion:104 Resp: 144645

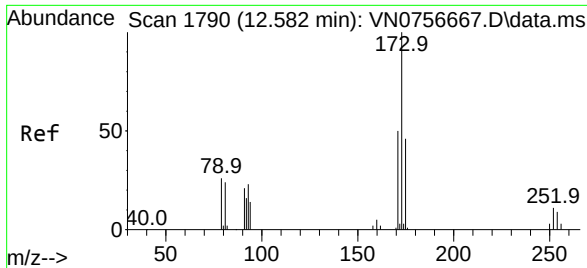
Ion Ratio Lower Upper

104 100

78 46.0 36.7 55.1

103 55.1 44.0 66.0

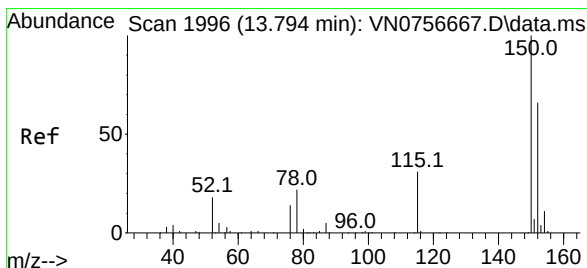
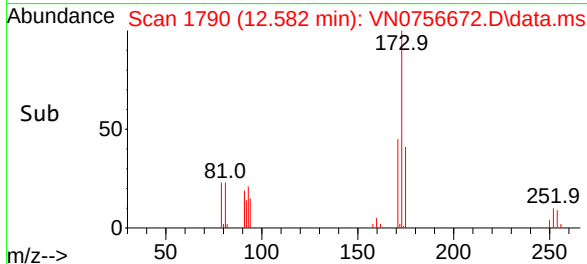
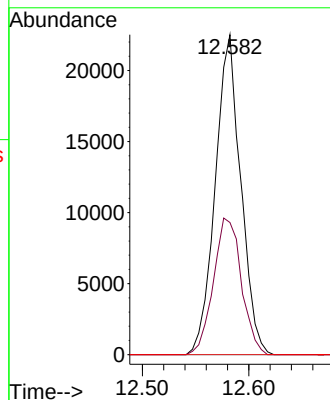
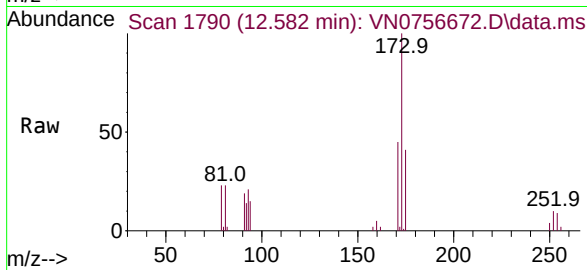




#71  
Bromoform  
Concen: 20.646 ug/l  
RT: 12.582 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

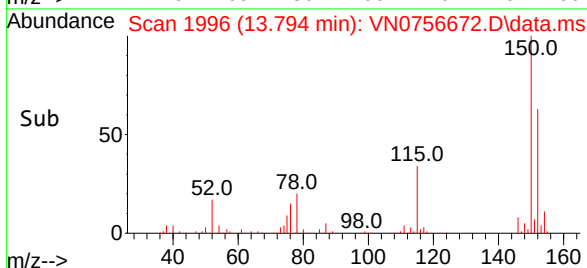
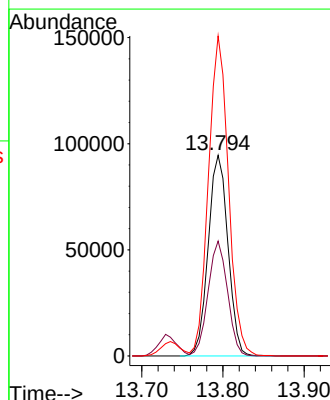
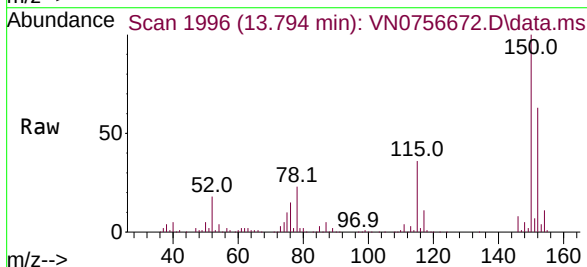
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:173 Resp: 37454  
Ion Ratio Lower Upper  
173 100  
175 46.7 23.8 71.2  
254 0.0 0.0 0.0

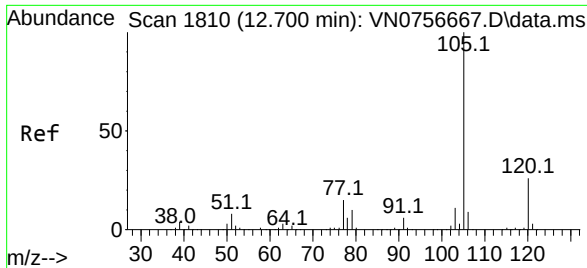


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion:152 Resp: 159668  
Ion Ratio Lower Upper  
152 100  
115 56.2 28.4 85.2  
150 161.6 0.0 347.6



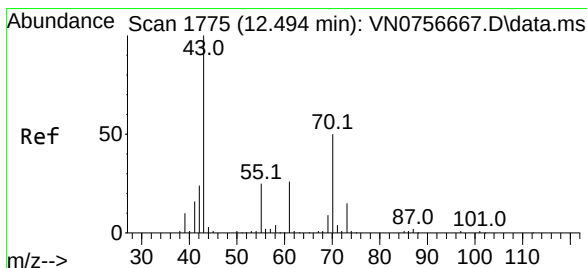
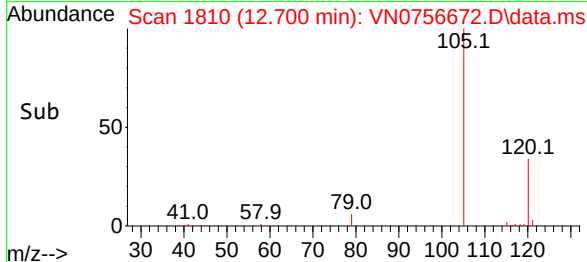
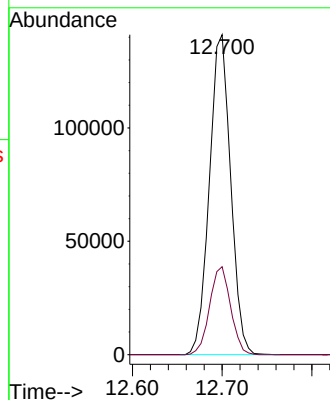
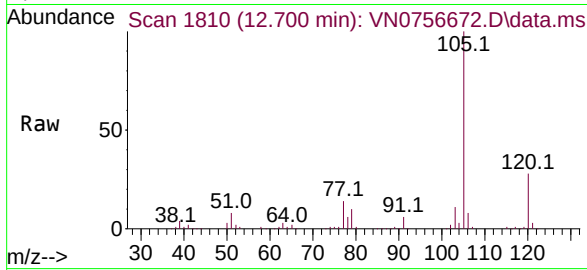




#73  
Isopropylbenzene  
Concen: 20.245 ug/l  
RT: 12.700 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

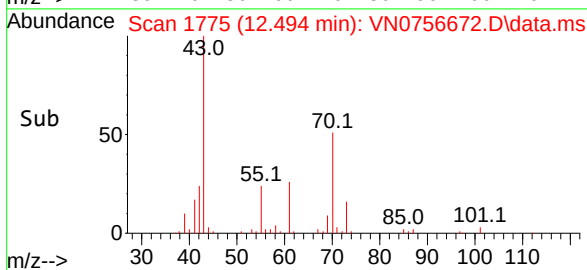
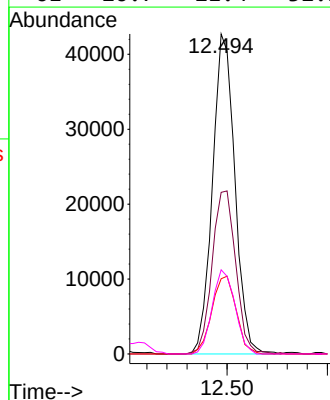
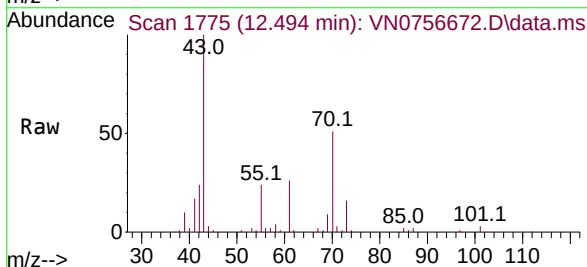
Instrument :  
MSVOA\_N  
ClientSampleId :

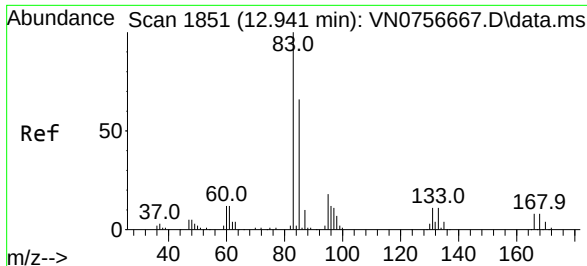
Tgt Ion:105 Resp: 232103  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.4 40.2



#74  
N-ethyl acetate  
Concen: 19.873 ug/l  
RT: 12.494 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion: 43 Resp: 66197  
Ion Ratio Lower Upper  
43 100  
70 53.8 41.0 61.6  
55 26.3 20.7 31.1  
61 26.7 21.4 32.2

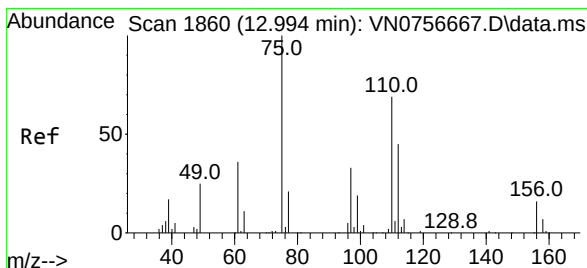
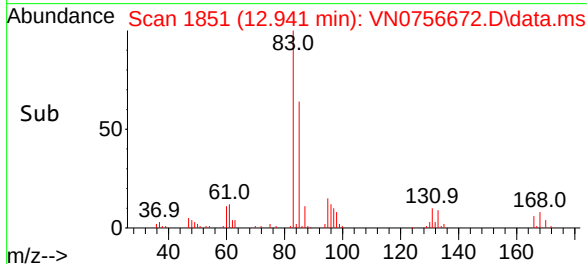
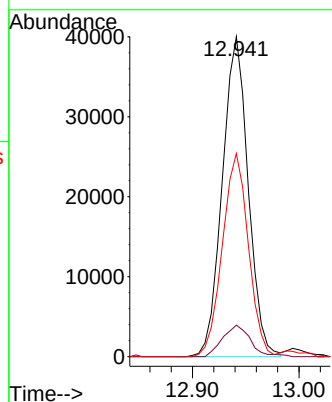
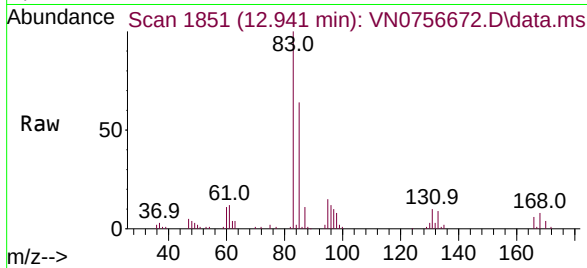




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.597 ug/l  
 RT: 12.941 min Scan# 1851  
 Delta R.T. 0.000 min  
 Lab File: VN0756672.D  
 Acq: 09 Dec 2022 17:19

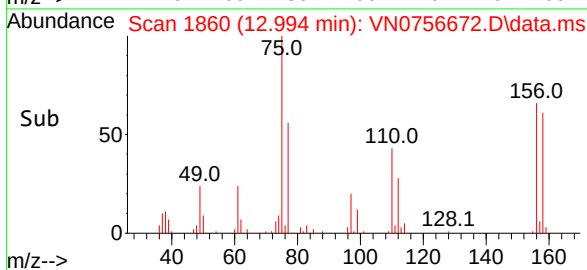
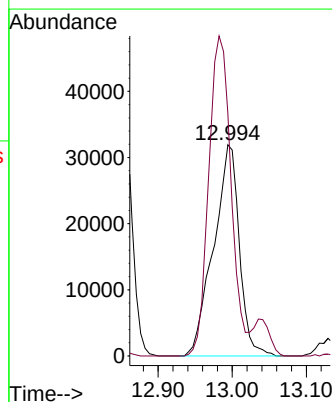
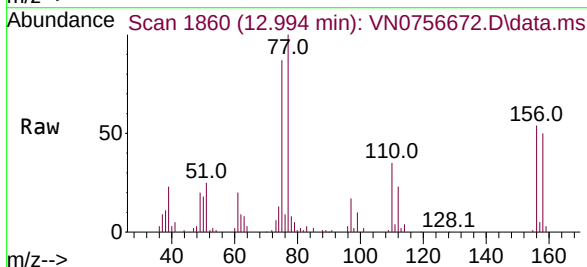
Instrument :  
 MSVOA\_N  
 ClientSampleId :

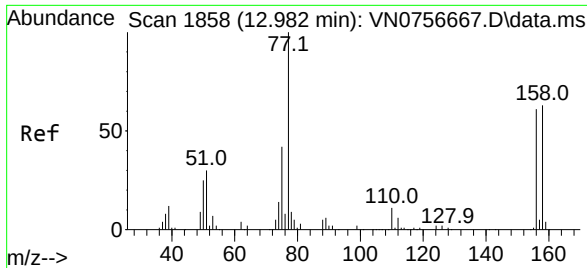
Tgt Ion: 83 Resp: 67489  
 Ion Ratio Lower Upper  
 83 100  
 131 10.6 5.6 16.8  
 85 63.7 32.6 97.7



#76  
 1,2,3-Trichloropropane  
 Concen: 24.044 ug/l  
 RT: 12.994 min Scan# 1860  
 Delta R.T. 0.000 min  
 Lab File: VN0756672.D  
 Acq: 09 Dec 2022 17:19

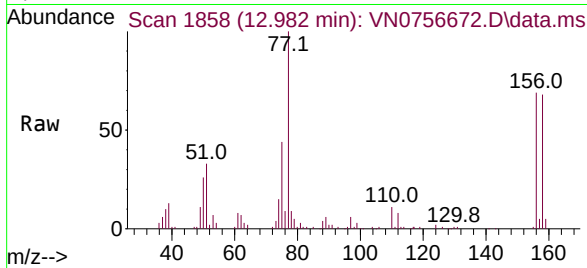
Tgt Ion: 75 Resp: 77098  
 Ion Ratio Lower Upper  
 75 100  
 77 132.3 81.8 245.4



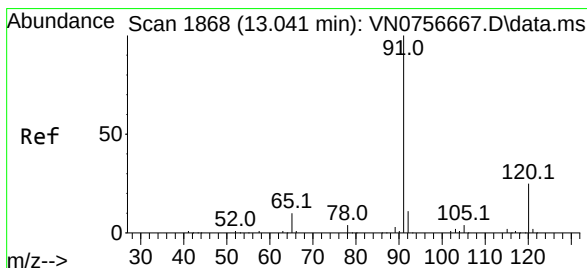
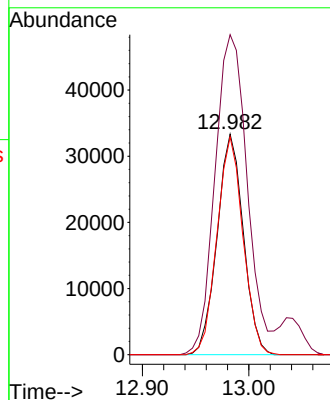
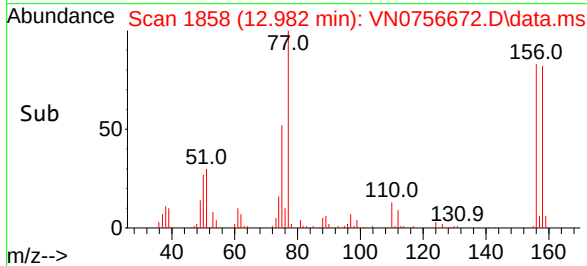


#77  
Bromobenzene  
Concen: 19.759 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Instrument :  
MSVOA\_N  
ClientSampleId :

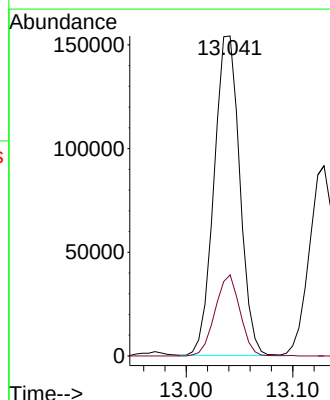
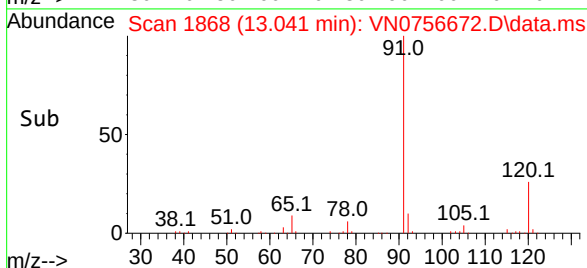
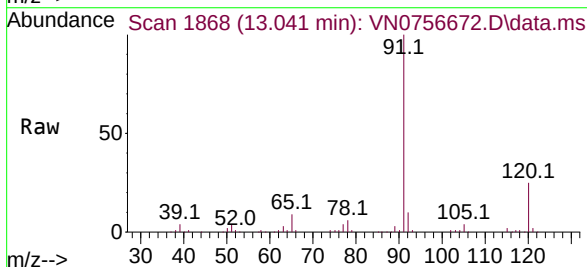


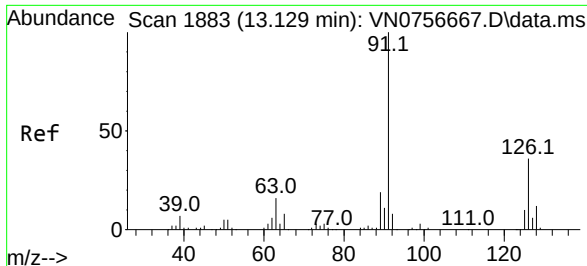
Tgt Ion:156 Resp: 56966  
Ion Ratio Lower Upper  
156 100  
77 179.0 90.8 272.5  
158 98.0 49.3 147.8



#78  
n-propylbenzene  
Concen: 20.311 ug/l  
RT: 13.041 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion: 91 Resp: 258383  
Ion Ratio Lower Upper  
91 100  
120 24.6 12.1 36.3

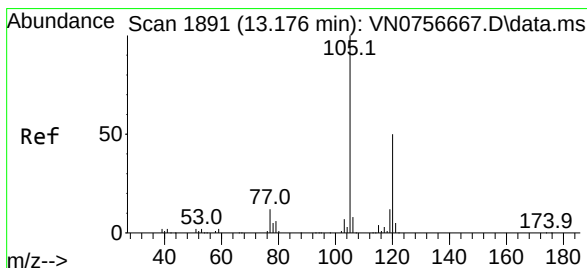
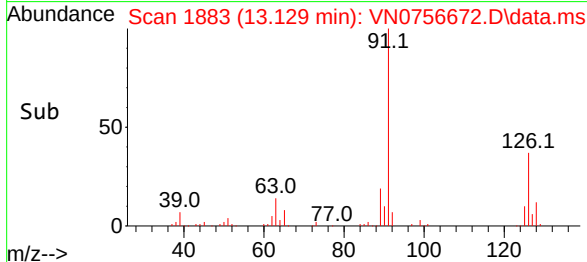
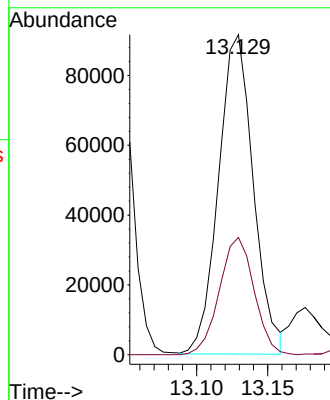
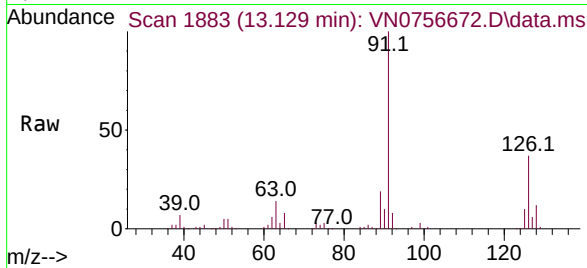




#79  
2-Chlorotoluene  
Concen: 19.887 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

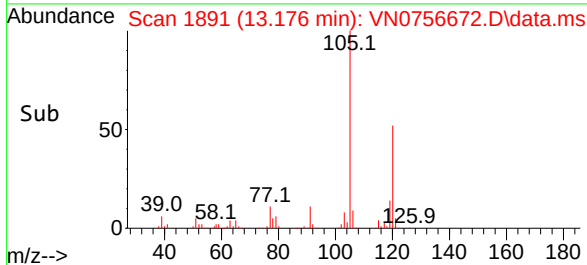
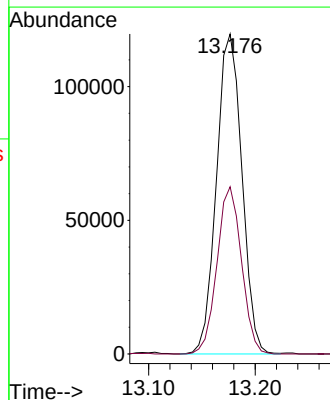
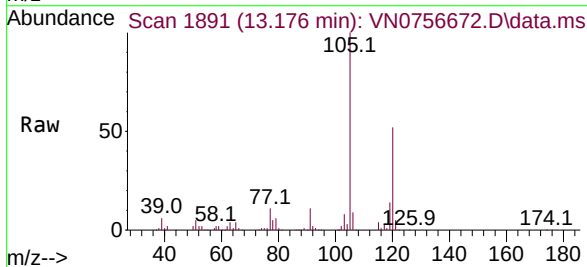
Instrument :  
MSVOA\_N  
ClientSampleId :

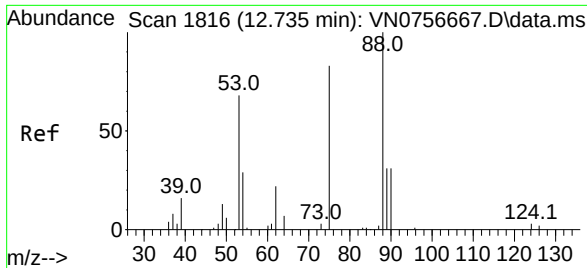
Tgt Ion: 91 Resp: 156189  
Ion Ratio Lower Upper  
91 100  
126 36.5 17.8 53.4



#80  
1,3,5-Trimethylbenzene  
Concen: 20.712 ug/l  
RT: 13.176 min Scan# 1891  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion:105 Resp: 198518  
Ion Ratio Lower Upper  
105 100  
120 50.2 24.9 74.6

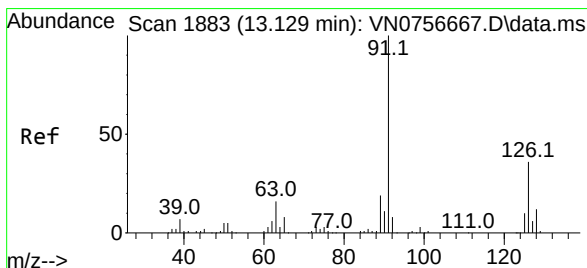
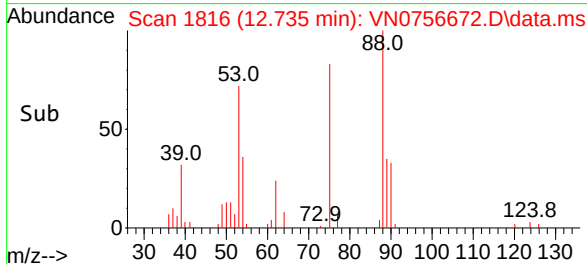
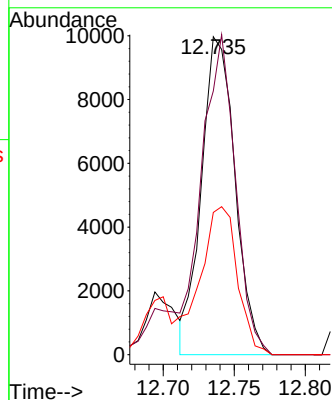
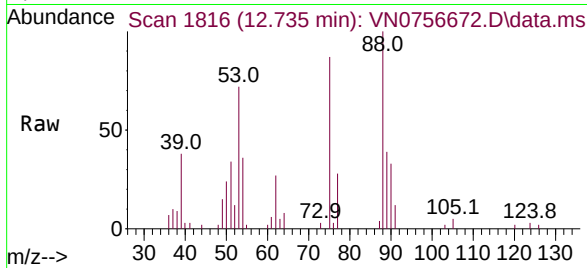




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.464 ug/l  
RT: 12.735 min Scan# 1816  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

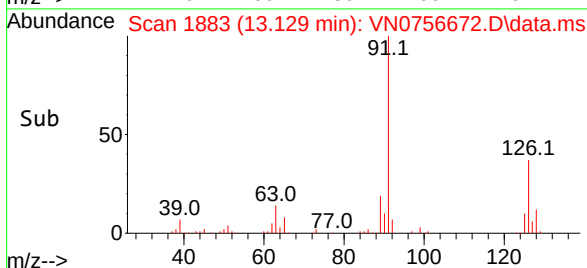
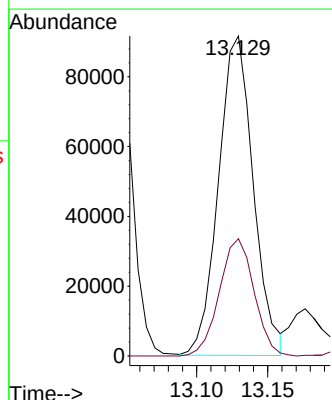
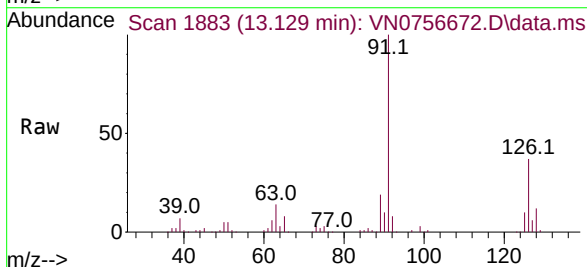
Instrument :  
MSVOA\_N  
ClientSampleId :

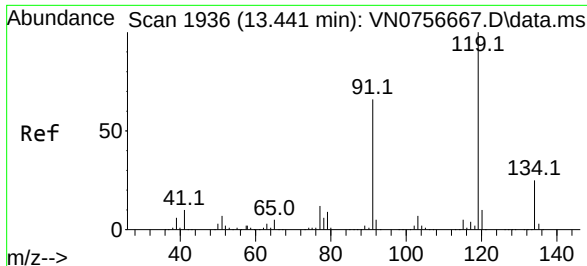
Tgt Ion: 75 Resp: 16410  
Ion Ratio Lower Upper  
75 100  
53 114.7 72.4 108.6#  
89 50.2 36.6 55.0



#82  
4-Chlorotoluene  
Concen: 19.887 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion: 91 Resp: 156189  
Ion Ratio Lower Upper  
91 100  
126 36.5 17.8 53.4

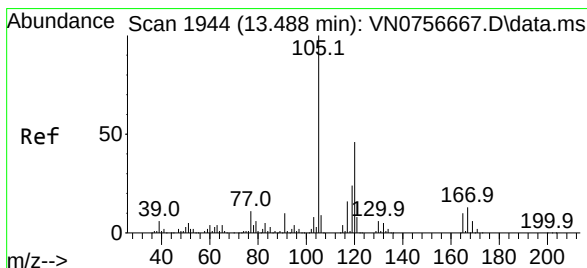
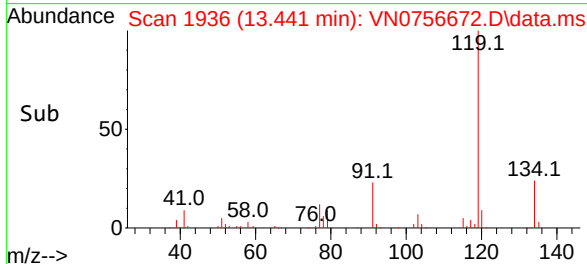
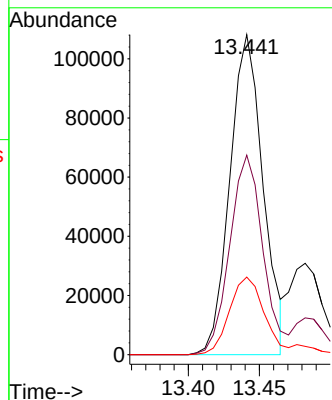
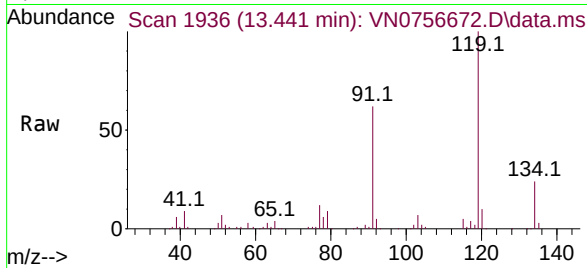




#83  
 tert-Butylbenzene  
 Concen: 20.200 ug/l  
 RT: 13.441 min Scan# 1936  
 Delta R.T. 0.000 min  
 Lab File: VN0756672.D  
 Acq: 09 Dec 2022 17:19

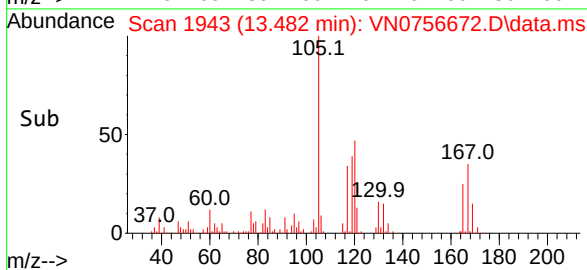
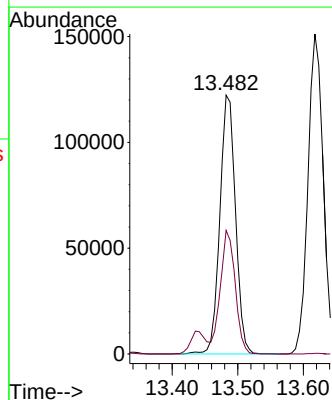
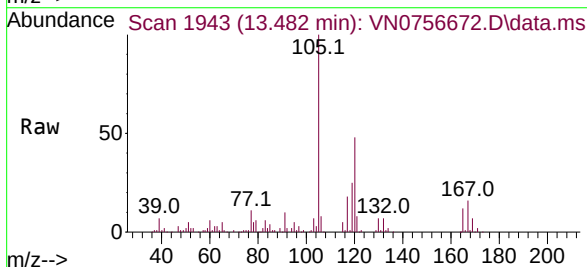
Instrument :  
 MSVOA\_N  
 ClientSampleId :

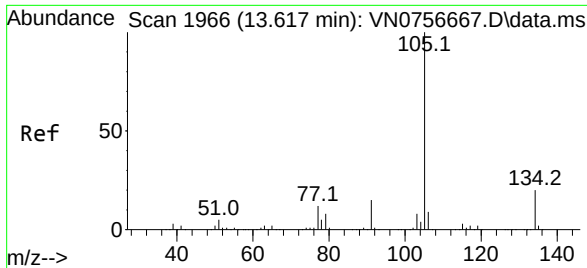
Tgt Ion:119 Resp: 175576  
 Ion Ratio Lower Upper  
 119 100  
 91 62.9 31.9 95.9  
 134 25.4 13.9 41.7



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.940 ug/l  
 RT: 13.482 min Scan# 1943  
 Delta R.T. -0.006 min  
 Lab File: VN0756672.D  
 Acq: 09 Dec 2022 17:19

Tgt Ion:105 Resp: 201719  
 Ion Ratio Lower Upper  
 105 100  
 120 45.1 23.1 69.2

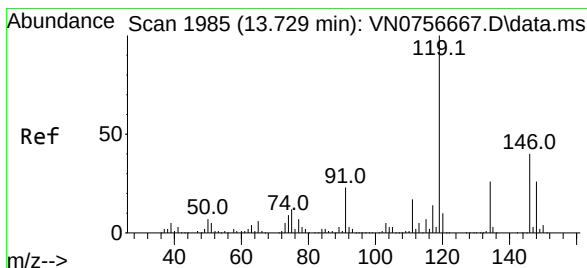
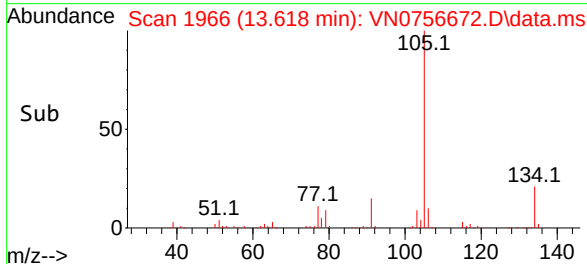
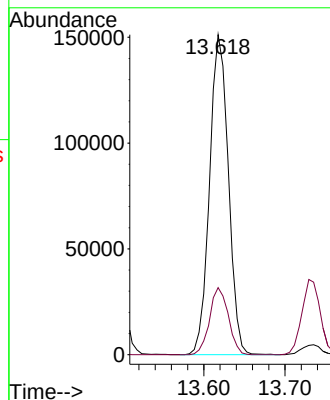
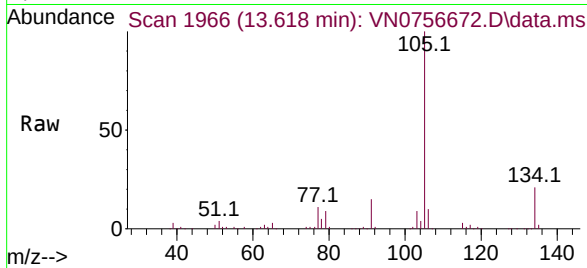




#85  
 sec-Butylbenzene  
 Concen: 20.346 ug/l  
 RT: 13.618 min Scan# 1966  
 Delta R.T. 0.000 min  
 Lab File: VN0756672.D  
 Acq: 09 Dec 2022 17:19

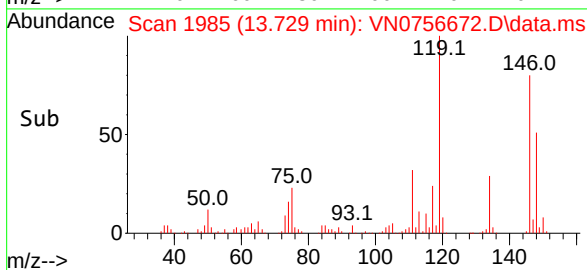
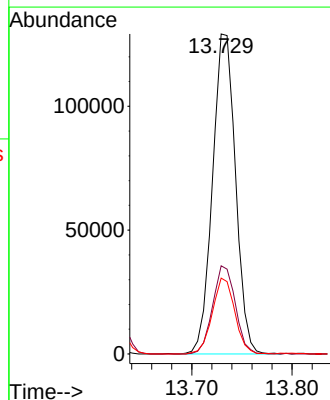
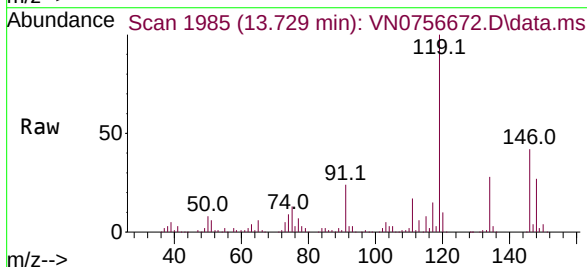
Instrument :  
 MSVOA\_N  
 ClientSampleId :

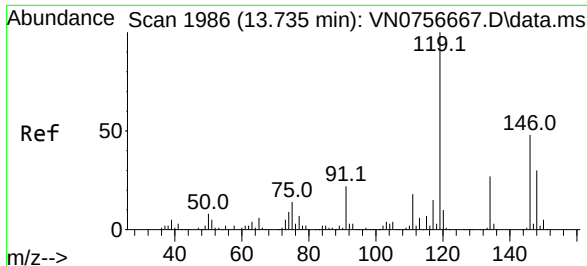
Tgt Ion:105 Resp: 243119  
 Ion Ratio Lower Upper  
 105 100  
 134 20.9 10.2 30.6



#86  
 p-Isopropyltoluene  
 Concen: 20.623 ug/l  
 RT: 13.729 min Scan# 1985  
 Delta R.T. 0.000 min  
 Lab File: VN0756672.D  
 Acq: 09 Dec 2022 17:19

Tgt Ion:119 Resp: 206199  
 Ion Ratio Lower Upper  
 119 100  
 134 27.1 13.3 39.9  
 91 23.2 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.600 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN0756672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA\_N

ClientSampleId :

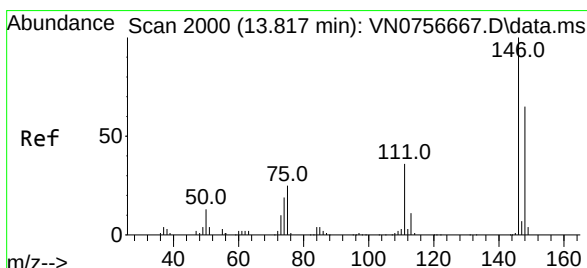
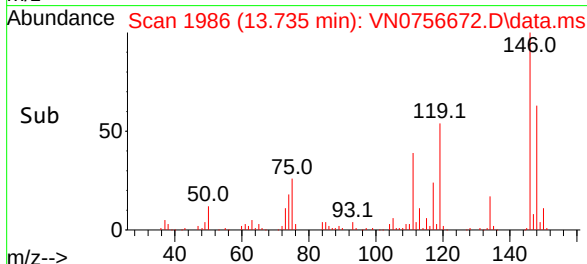
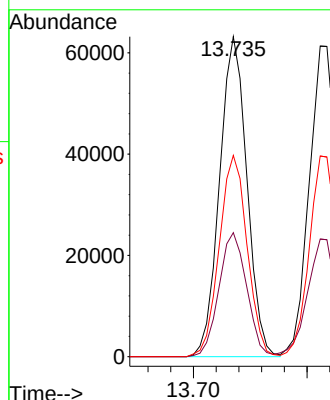
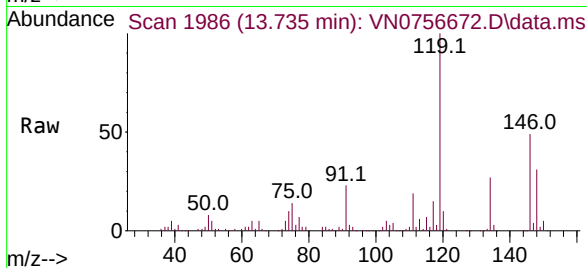
Tgt Ion:146 Resp: 105682

Ion Ratio Lower Upper

146 100

111 39.3 19.8 59.3

148 64.1 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 19.414 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.006 min

Lab File: VN0756672.D

Acq: 09 Dec 2022 17:19

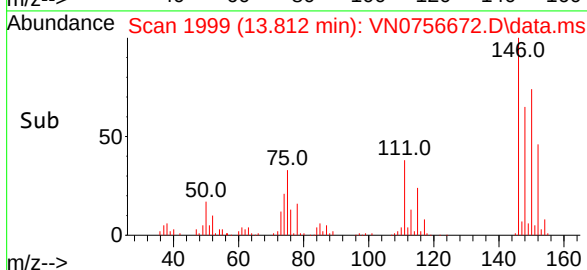
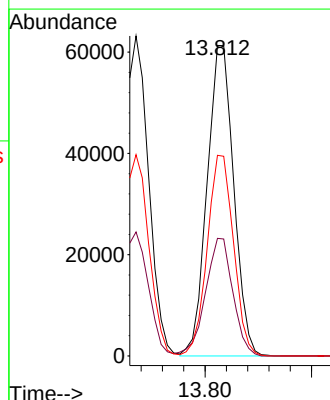
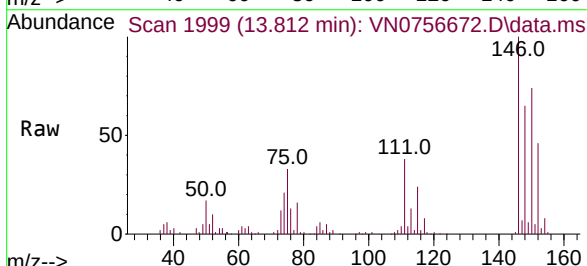
Tgt Ion:146 Resp: 106474

Ion Ratio Lower Upper

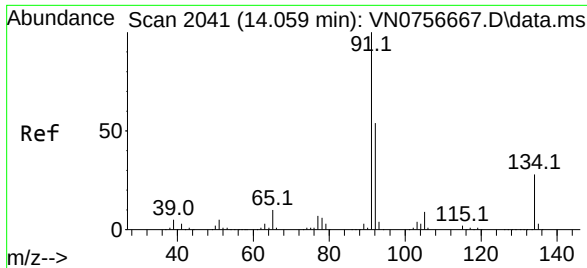
146 100

111 38.9 19.1 57.1

148 63.8 32.1 96.3



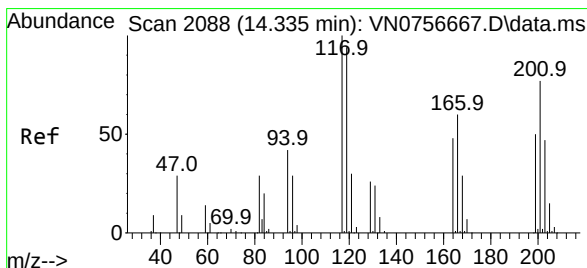
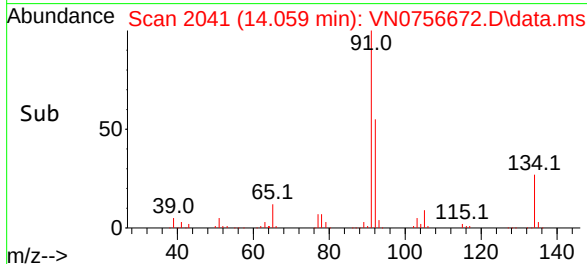
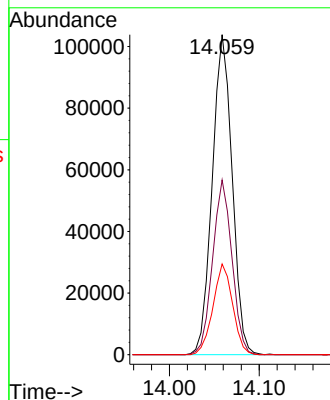
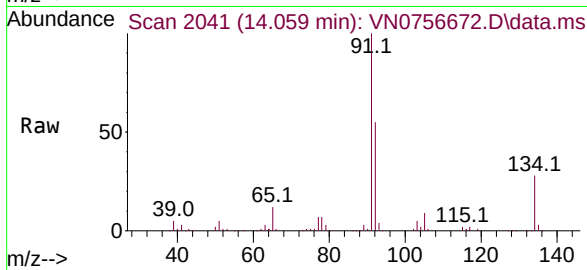




#89  
n-Butylbenzene  
Concen: 19.972 ug/l  
RT: 14.059 min Scan# 2041  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

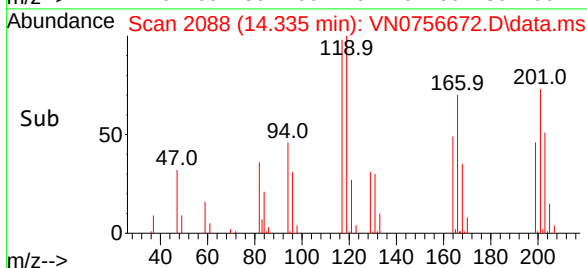
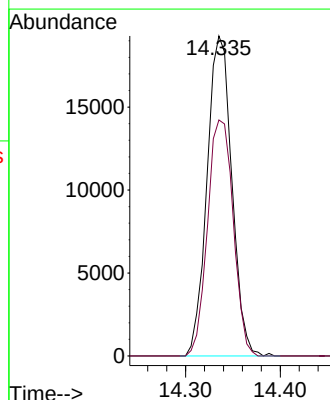
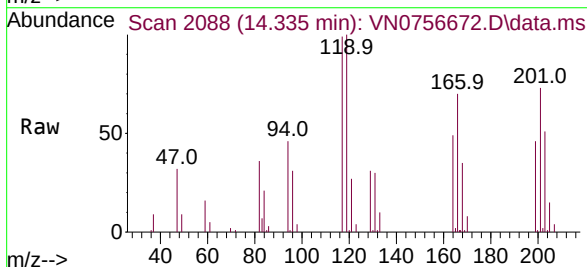
Instrument :  
MSVOA\_N  
ClientSampleId :

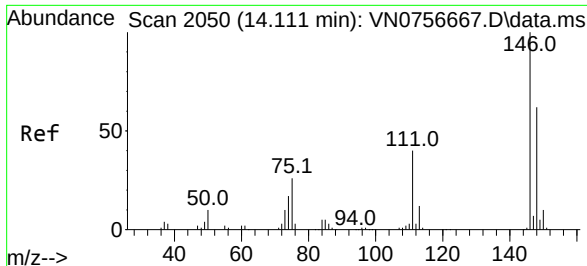
Tgt Ion: 91 Resp: 160049  
Ion Ratio Lower Upper  
91 100  
92 53.1 26.7 80.1  
134 28.0 13.9 41.7



#90  
Hexachloroethane  
Concen: 20.511 ug/l  
RT: 14.335 min Scan# 2088  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion: 117 Resp: 35127  
Ion Ratio Lower Upper  
117 100  
201 76.2 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 19.673 ug/l

RT: 14.106 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VN0756672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA\_N

ClientSampleId :

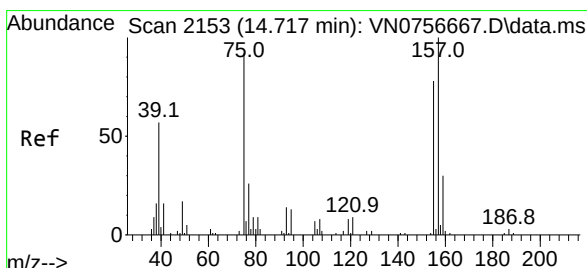
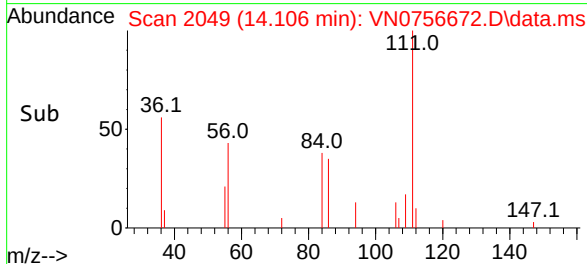
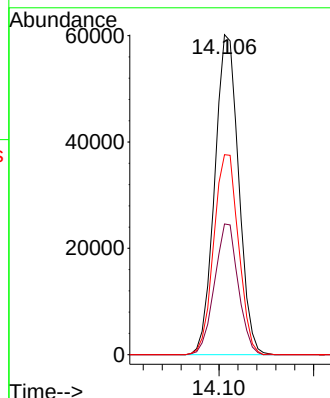
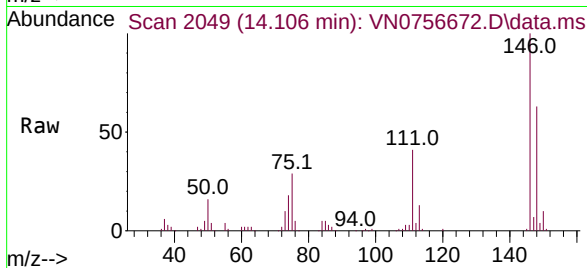
Tgt Ion:146 Resp: 105548

Ion Ratio Lower Upper

146 100

111 40.5 20.1 60.3

148 64.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.307 ug/l

RT: 14.717 min Scan# 2153

Delta R.T. 0.000 min

Lab File: VN0756672.D

Acq: 09 Dec 2022 17:19

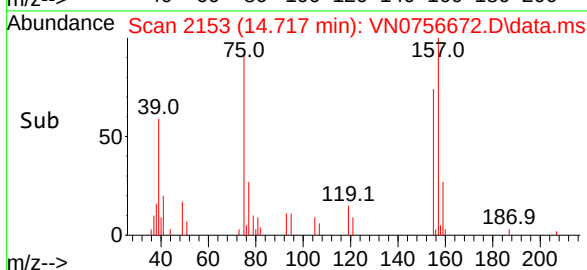
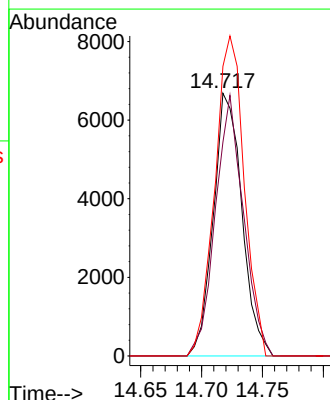
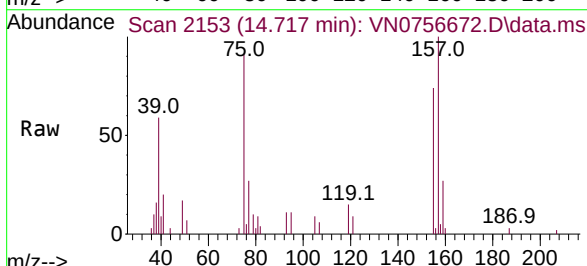
Tgt Ion: 75 Resp: 10926

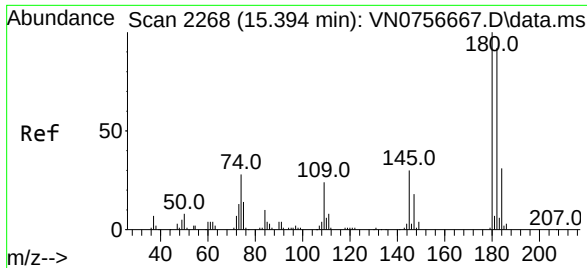
Ion Ratio Lower Upper

75 100

155 97.7 48.4 145.2

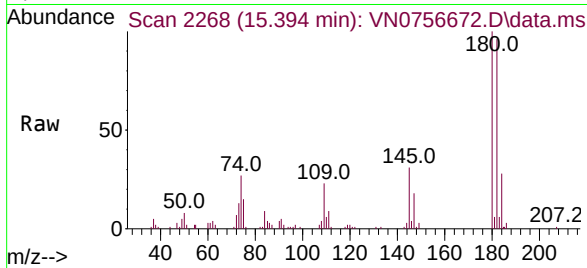
157 125.4 63.5 190.6



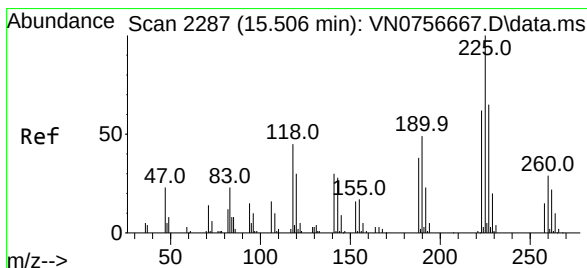
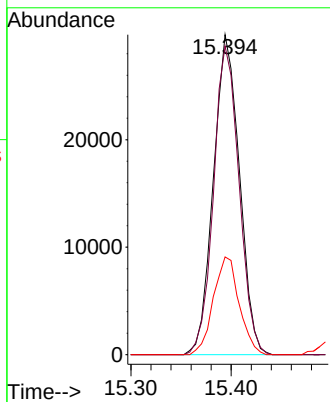
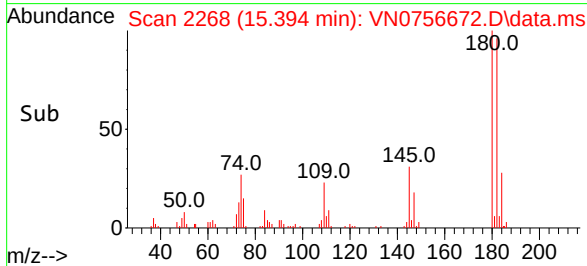


#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.779 ug/l  
 RT: 15.394 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN0756672.D  
 Acq: 09 Dec 2022 17:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :

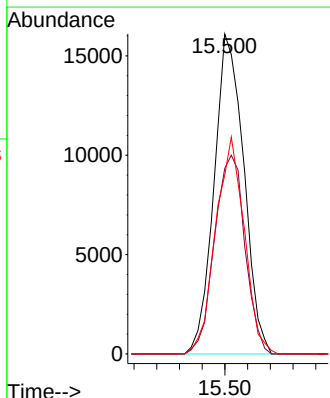
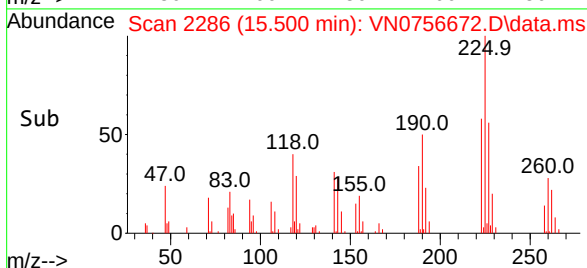
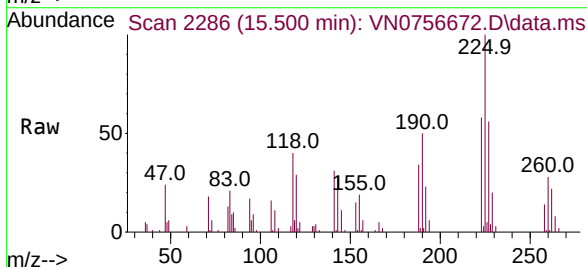


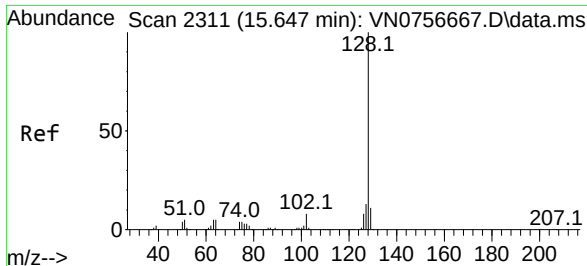
Tgt Ion:180 Resp: 53523  
 Ion Ratio Lower Upper  
 180 100  
 182 94.8 47.1 141.3  
 145 30.4 15.2 45.5



#94  
 Hexachlorobutadiene  
 Concen: 19.977 ug/l  
 RT: 15.500 min Scan# 2286  
 Delta R.T. -0.006 min  
 Lab File: VN0756672.D  
 Acq: 09 Dec 2022 17:19

Tgt Ion:225 Resp: 29196  
 Ion Ratio Lower Upper  
 225 100  
 223 63.7 31.4 94.2  
 227 65.5 31.3 93.9

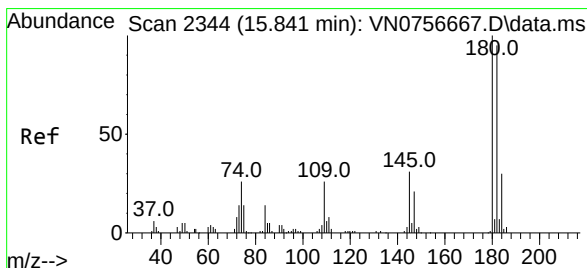
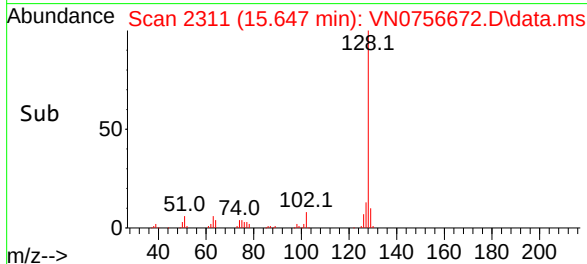
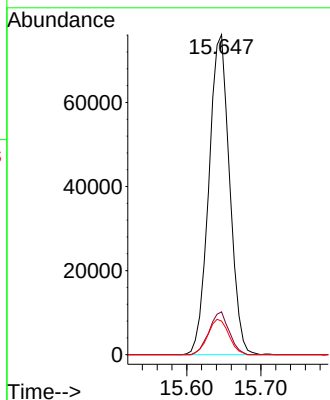
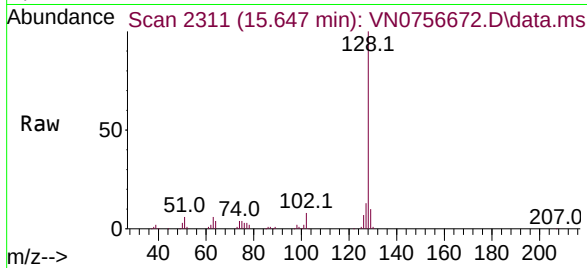




#95  
Naphthalene  
Concen: 19.420 ug/l  
RT: 15.647 min Scan# 2311  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 147843  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.2 15.4  
129 11.2 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 19.815 ug/l  
RT: 15.841 min Scan# 2344  
Delta R.T. 0.000 min  
Lab File: VN0756672.D  
Acq: 09 Dec 2022 17:19

Tgt Ion:180 Resp: 50154  
Ion Ratio Lower Upper  
180 100  
182 97.7 46.8 140.4  
145 32.6 15.6 46.8

